

All EGI Customer Publications through Q3 2015

- Abdullaev, Y., Kennedy, B. L., & Tasman, A. (2002). Changes in neural circuitry of language before and after treatment of major depression. *Human Brain Mapping*, 17, 156-167. doi:10.1002/hbm.10060
- Abdullaev, Y., & Posner, M. I. (1997). Time course of activating brain areas in generating verbal associations. *Psychological Science*, 8(1), 56-59.
- Abdullaev, Y., & Posner, M. I. (1998). Event-Related Brain Potential Imaging of Semantic Encoding during Processing Single Words*. *NeuroImage*, 7, 1-13.
- Abrusci, V. M., Casadio, C., Medaglia, M. T., & Porcaro, C. (2013). Universal vs. particular reasoning: a study with neuroimaging techniques. *Logic Journal of IGPL*. doi:10.1093/jigpal/jzt008
- Abundis-Gutiérrez, A., Checa, P., Castellanos, C., & Rueda, M. R. (2014). Electrophysiological correlates of attention networks in childhood and early adulthood. *Neuropsychologia*, 57, 78-92. doi:10.1016/j.neuropsychologia.2014.02.013i
- Adamaszek, M., Olbrich, S., Kirkby, K. C., Woldag, H., Willert, C., & Heinrich, A. (2013). Event-related potentials indicating impaired emotional attention in cerebellar stroke--a case study. *Neurosci Lett*, 548, 206-211. doi:10.1016/j.neulet.2013.04.018
- Adamaszek, M., Strecker, K., & Kessler, C. (2012). Impact of cerebellar lesion on syntactic processing evidenced by event-related potentials. *Neuroscience letters*, 512, 78-82. doi:10.1016/j.neulet.2012.01.020
- Adamchic, I., Hauptmann, C., & Tass, P. (2012). Changes of oscillatory activity in pitch processing network and related tinnitus relief induced by acoustic CR neuromodulation. *Frontiers in Systems Neuroscience*, 6(18), 1-11. doi:10.3389/fnsys.2012.00018
- Adamchic, I., Toth, T., Hauptmann, C., & Tass, P. A. (2013). Reversing pathologically increased EEG power by acoustic coordinated reset neuromodulation. *Hum Brain Mapp*. doi:10.1002/hbm.22314
- Adamchic, I., Toth, T., Hauptmann, C., & Tass, P. A. (2014). Reversing pathologically increased EEG power by acoustic coordinated reset neuromodulation. *Human Brain Mapping*, 35(5), 2099-2118. doi:10.1002/hbm.22314

- Agam, Y., Huang, J., & Sekuler, R. (2010). Neural mechanisms for sequence encoding in visuomotor learning. *CiteSeer*, 1-21.
- Agam, Y., Huang, J., & Sekuler, R. (2010). Neural Correlates of Sequence Encoding in Visuomotor Learning. *Journal of Neurophysiology*, 103(3), 1418-1424. doi:10.1152/jn.00662.2009
- Agam, Y., Hyun, J., Danker, J., Zhou, F., Kahana, M. J., & Sekuler, R. (2009). Early neural signatures of visual short-term memory. *NeuroImage*, 44, 531-536. doi:10.1016/j.neuroimage.2008.09.018
- Agam, Y., & Sekuler, R. Event-related potentials and EEG oscillations link attention and serial order effects in working memory. *Brandeis University*, 1-11.
- Agam, Y., & Sekuler, R. (2007). Interactions between working memory and visual perception: An ERP/EEG study. *NeuroImage*, 36, 933-942. doi:10.1016/j.neuroimage.2007.04.014
- Aghajani, H., Zahedi, E., Jalili, M., Keikhosravi, A., & Vosoughi Vahdat, B. (2013). Diagnosis of Early Alzheimer's disease based on EEG source localization and a standardized realistic head model. *IEEE Journal of Biomedical and Health Informatics*, PP(99).
- Agrawal, S. K., Bablani, A., & Trivedi, P. (2015). Analysing Eyes Activities on Temporal and Occipital Lobes. *International Journal of Advance Research in Computer Science and Management Studies*, 3(7).
- Agyei, S. B., Holth, M., van der Weel, F. R., & van der Meer, A. L. (2015). Longitudinal study of perception of structured optic flow and random visual motion in infants using high-density EEG. *Dev Sci*, 18(3), 436-451. doi:10.1111/desc.12221
- Agyei, S. B., Holth, M., Weel, F., & Meer, A. L. (2015). Longitudinal study of perception of structured optic flow and random visual motion in infants using high-density EEG. *Developmental Science*, 18(3), 436-451. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1111/desc.12221/abstract>
- Ahmadian, P., Sanei, S., Ascari, L., Gonzalez-Villanueva, L., & Umiltà, M. A. (2013). Constrained blind source extraction of readiness potentials from EEG. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 21(4), 567–575.
- Akano, A. J., Haley, D. W., & Dudek, J. (2011). Investigating Social Cognition in Infants and Adults Using Dense Array Electroencephalography (dEEG). *Journal of Visualized Experiments*, 52, 1-4. doi:10.3791/2759

- Akyürek, E., Riddell, P., Toffanin, P., & Hommel, B. (2007). Adaptive control of event integration: Evidence from event-related potentials. *Psychophysiology*, 44, 383-391. doi:10.1111/j.1469-8986.2007.00513.x
- Alderman, B. L., Olson, R. L., Bates, M. E., Selby, E. A., Buckman, J. F., Brush, C. J., . . . Shors, T. J. (2015). Rumination in major depressive disorder is associated with impaired neural activation during conflict monitoring. *Frontiers in Human Neuroscience*, 9.
- Ales, J. M., Appelbaum, L. G., Cottreau, B. R., & Norcia, A. M. (2013). The time course of shape discrimination in the human brain. *NeuroImage*, 67, 77-88. doi:10.1016/j.neuroimage.2012.10.044
- Ales, J. M., Farzin, F., Rossion, B., & Norcia, A. M. (2012). An objective method for measuring face detection thresholds using the sweep steady-state visual evoked response. *J Vis*, 12(10). doi:10.1167/12.10.18
- Ales, J. M., & Norcia, A. M. (2009). Assessing direction-specific adaptation using the steady-state visual evoked potential: Results from EEG source imaging. *Journal of Vision*, 9(7:8), 1-13. doi:10.1167/9.7.8
- Alexander, D. M., Jurica, P., Trengove, C., Nikolaev, A. R., Gepshtein, S., Zvyagintsev, M., . . . van Leeuwen, C. (2013). Traveling waves and trial averaging: the nature of single-trial and averaged brain responses in large-scale cortical signals. *NeuroImage*, 73, 95-112. doi:10.1016/j.neuroimage.2013.01.016
- Alguacil, S., Tudela, P., & Ruz, M. (2013). Cognitive and affective control in a flanker word task: common and dissociable brain mechanisms. *Neuropsychologia*, 51(9), 1663-1672. doi:10.1016/j.neuropsychologia.2013.05.020
- Altieri, N., Stevenson, R. A., Wallace, M. T., & Wenger, M. J. (2013). Learning to Associate Auditory and Visual Stimuli: Behavioral and Neural Mechanisms. *Brain Topogr*. doi:10.1007/s10548-013-0333-7
- Altieri, N., & Wenger, M. J. (2013). Neural dynamics of audiovisual speech integration under variable listening conditions: an individual participant analysis. *Front Psychol*, 4, 615. doi:10.3389/fpsyg.2013.00615
- Amin, H. U., Malik, A. S., Kamel, N., Chooi, W.-T., & Hussain, M. (2015). P300 correlates with learning & memory abilities and fluid intelligence. *Journal of NeuroEngineering and Rehabilitation*, 12(1), 87. Retrieved from http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4581095/pdf/12984_2015_Article_77.pdf

Amzica, F. (2009). Spike-wave seizures: Cortical or thalamic? *Clinical Neurophysiology*, 120(12), 1999. doi:10.1016/j.clinph.2009.09.013

Angelini, M., Calbi, M., Ferrari, A., Sbriscia-Fioretti, B., Franca, M., Gallese, V., & Umiltà, M. A. (2015). Motor Inhibition during Overt and Covert Actions: An Electrical Neuroimaging Study. *PLoS one*, 10(5). doi:10.1371/journal.pone.0126800

Angwin, A. J., Phua, B., & Copland, D. A. (2014). Using semantics to enhance new word learning: an ERP investigation. *Neuropsychologia*, 59, 169-178. doi:10.1016/j.neuropsychologia.2014.05.002

Apicella, F., Sicca, F., Federico, R. R., Campatelli, G., & Muratori, F. (2012). Fusiform Gyrus responses to neutral and emotional faces in children with Autism Spectrum Disorders: a High Density ERP study. *Behav Brain Res.* doi:10.1016/j.bbr.2012.10.040

Appelbaum, L., Ales, J., & Norcia, A. (2012). The Time Course of Segmentation and Cue-Selectivity in the Human Visual Cortex. *PLoS one*, 7(3), e34205. doi:10.1371/journal.pone.0034205

Appelbaum, L. G., Ales, J. M., Cottreau, B. R., & Norcia, A. M. (2010). Configural specificity of the lateral occipital cortex. *Neuropsychologia*, 48, 3323-3328. doi:10.1016/j.neuropsychologia.2010.07.016

Appelbaum, L. G., & Norcia, A. M. (2009). Attentive and pre-attentive aspects of figural processing. *Journal of Vision*, 9(11), 1-12. doi:10.1167/9.11.18

Aranda, C., Madrid, E., & Ruz, P. (2010). Category expectations: A differential modulation of the N170 potential for faces and words. *Neuropsychologia*, 48, 4038-4045. doi:10.1016/j.neuropsychologia.2010.10.002

Aravena, P., Hurtado, E., Riveros, R., Felipe, C. J., Manes, F. F., & Ibanez, A. (2010). Applauding with Closed Hands: Neural Signature of Action-Sentence Compatibility Effects. *PLoS one*, 5(7), e11751. doi:10.1371/journal.pone.0011751

Arbel, Y., & Donchin, E. (2011). How large the sin? A study of the event related potentials elicited by errors of varying magnitude. *Psychophysiology*, 48(1), 1611-1620. doi:10.1111/j.1469-8986.2011.01264

Arbel, Y., & Donchin, E. (2011). When a child errs: The ERN and the Pe complex in children. *Psychophysiology*, 48, 55-63. doi:10.1111/j.1469-8986.2010.01042

Arbel, Y., Goforth, K., & Donchin, E. (2013). The good, the bad, or the useful? The

examination of the relationship between the feedback-related negativity (FRN) and long-term learning outcomes. *J Cogn Neurosci*, 25(8), 1249-1260.
doi:10.1162/jocn_a_00385

Arcand, C., Tremblay, E., Vannasing, P., Ouimet, C., Roy, M.-S., Fallaha, N., . . . McKerral, M. (2007). Development of visual texture segregation during the first year of life: a high-density electrophysiological study. *Experimental Brain Research*(180), 263-272. doi:10.1007/s00221-007-0854-y

Arzouan, Y., Goldstein, A., & Faust, M. (2007). Dynamics of hemispheric activity during metaphor comprehension: Electrophysiological measures. *NeuroImage*, 36, 222-231. doi:10.1016/j.neuroimage.2007.02.015

Arzouan, Y., Goldstein, A., & Faust, M. (2007). Brainwaves are stethoscopes: ERP correlates of novel metaphor comprehension. *Brain Research*, 1160, 69-81. doi:10.1016/j.brainres.2007.05.034

Arzouan, Y., Solomon, S., Faust, M., & Goldstein, A. (2011). Big Words, Halved Brains and Small Worlds: Complex Brain Networks of Figurative Language Comprehension. *PloS one*, 6(4), e19345. doi:10.1371/journal.pone.0019345

Arzy, S., Mohr, C., Michel, C. M., & Blanke, O. (2007). Duration and not strength of activation in temporo-parietal cortex positively correlates with schizotypy. *NeuroImage*, 35, 326-333. doi:10.1016/j.neuroimage.2006.11.027

Arzy, S., Thut, G., Mohr, C., Michel, C. M., & Blanke, O. (2006). Neural basis of embodiment: distinct contributions of temporoparietal junction and extrastriate body area. *Journal of Neuroscience*, 26(31), 8074-8081. doi:10.1523/JNEUROSCI.0745-06.2006

Aspiras, T., & Asair, V. (2012). Analysis of Blind Source Separation Techniques for Eye Artifact Removal *Wireless Networks and Computational Intelligence* (Vol. 292, pp. 340–349). Berlin, Heidelberg: Springer.

Astheimer, L. B., & Sanders, L. D. (2009). Listeners modulate temporally selective attention during natural speech processing. *Biological Psychology*, 80, 23-34. doi:10.1016/j.biopsych.2008.01.015

Astheimer, L. B., & Sanders, L. D. (2011). Predictability affects early perceptual processing of word onsets in continuous speech. *Neuropsychologia*, 49, 3512-3516. doi:10.1016/j.neuropsychologia.2011.08.014

Astheimer, L. B., & Sanders, L. D. (2012). Temporally selective attention supports speech processing in 3-to 5-year-old children. *Developmental Cognitive*

Neuroscience, 2(1), 120-128. doi:10.1016/j.dcn.2011.03.002

Astle, D. E., Jackson, G. M., & Swainson, R. (2008). Fractionating the cognitive control required to bring about a change in task: a dense-sensor event-related potential study. *Journal of Cognitive Neuroscience*, 20(2), 255-267.

Astle, D. E., Nixon, E., Jackson, S. R., & Jackson, G. M. (2012). Neural correlates of changing intention in the human FEF and IPS. *Journal of Neurophysiology*, 107(1), 859-867. doi:10.1152/jn.00604.2011

Auerbach, R. P., Stanton, C. H., Proudfoot, G. H., & Pizzagalli, D. A. (2015). Self-referential processing in depressed adolescents: A high-density event-related potential study. *Journal of Abnormal Psychology*, 124(2), 233.

Auerbach, R. P., Stewart, J. G., Stanton, C. H., Mueller, E. M., & Pizzagalli, D. A. (2015). Emotion-processing biases and resting EEG activity in depressed adolescents. *Depression and Anxiety*. doi:10.1002/da.22381

Avancini, C., Galfano, G., & Szűcs, D. (2014). Dissociation between arithmetic relatedness and distance effects is modulated by task properties: An ERP study comparing explicit vs. implicit arithmetic processing. *Biological Psychology*, 103(0), 305-316. doi:<http://dx.doi.org/10.1016/j.biopsych.2014.10.003>

Avanzini, P., Fabbri-Destro, M., Campi, C., Pascarella, A., Barchiesi, G., Cattaneo, L., & Rizzolatti, G. (2013). Spatiotemporal dynamics in understanding hand-object interactions. *Proc Natl Acad Sci U S A*, 110(40), 15878-15885. doi:10.1073/pnas.1314420110

Avanzini, P., Fabbri-Destro, M., Dalla Volta, R., Dapprati, E., Rizzolatti, G., & Cantalupo, G. (2012). The Dynamics of Sensorimotor Cortical Oscillations during the Observation of Hand Movements: An EEG Study. *PloS one*. doi:10.1371/journal.pone.0037534

Aydin, C., Oktay, O., Gunebakan, A. U., Ademoglu, A., & Ciftci, R. K. (2013). Role of alpha oscillations during short time memory task investigated by graph based partitioning. *Radioengineering*, 22(1), 123–131.

Badgaiyan, R., & Posner, M. I. (1996). Priming reduces input activity in right posterior cortex during stem completion. *NeuroReport*, 7(18), 2829-3105.

Badgaiyan, R., & Posner, M. I. (1998). Mapping the cingulate cortex in response selection and monitoring. *NeuroImage*, 7, 255-260.

Bai, Y., Yao, Z., Cong, F., & Zhang, L. (2015). Event-related potentials elicited by social

commerce and electronic-commerce reviews. *Cognitive Neurodynamics*, 1-10.

Bailey, K., & Chapman, P. (2012). When can we choose to forget? An ERP study into item-method directed forgetting of emotional words. *Brain and cognition*, 78(1), 133-147. doi:10.1016/j.bandc.2011.11.004

Baillargeon, A., Lassonde, M., Leclerc, S., & Ellemberg, D. (2012). Neuropsychological and neurophysiological assessment of sport concussion in children, adolescents and adults. *Brain Inj*, 26(3), 211-220. doi:10.3109/02699052.2012.654590

Baird, B., Smallwood, J., Lutz, A., & Schooler, J. W. (2014). The Decoupled Mind: Mind-wandering Disrupts Cortical Phase-locking to Perceptual Events. *Journal of Cognitive Neuroscience*, 26(11), 2596-2607. doi:10.1162/jocn_a_00656

Bakhireva, L. N., Lowe, J. R., Gutierrez, H. L., & Stephen, J. M. (2015). Ethanol, Neurodevelopment, Infant and Child Health (ENRICH) prospective cohort: Study design considerations. *Advances in Pediatric Research*, 2(10). Retrieved from <http://www.apr-journal.com/archives/360>

Bakker, M., Daum, M. M., Handl, A., & Gredebäck, G. (2014). Neural correlates of action perception at the onset of functional grasping. *Social Cognitive and Affective Neuroscience*. doi:10.1093/scan/nsu119

Bakker, M., Kaduk, K., Elsner, C., Juvrud, J., & Gredebäck, G. (2015). The neural basis of non-verbal communication—enhanced processing of perceived give-me gestures in 9-month-old girls. *Frontiers in Psychology*, 6(59). doi:10.3389/fpsyg.2015.00059

Bakker, M., Kaduk, K., Elsner, C., Juvrud, J., & Gustaf, G. (2015). The neural basis of non-verbal communication-enhanced processing of perceived give-me gestures in 9-month-old girls. *Front Psychol*, 6, 59. doi:10.3389/fpsyg.2015.00059

Balas, B., & Koldewyn, K. (2013). Early visual ERP sensitivity to the species and animacy of faces. *Neuropsychologia*, 51(13), 2876-2881. doi:10.1016/j.neuropsychologia.2013.09.014i

Balas, B., & Nelson III, C. A. (2010). The role of face shape and pigmentation in other-race face perception: An electrophysiological study. *Neuropsychologia*, 48(2), 498-506. doi:10.1016/j.neuropsychologia.2009.10.007

Balas, B., Nelson III, C. A., Westerlund, A., Vogel-Farley, V. K., Riggins, T., & Kuefner, D. (2010). Personal familiarity influences the processing of upright and inverted faces in infants. *Frontiers in Human Neuroscience*, 4, 1-6. doi:10.3389/neuro.09.001.2010

- Balas, B., & Saville, A. (2015). N170 face specificity and face memory depend on hometown size. *Neuropsychologia*, 69, 211-217.
- Balas, B., & Stevenson, K. (2013). Species-specific effects of pigmentation negation on the neural response to faces. *Neuropsychologia*, 51(10), 1794-1801.
doi:10.1016/j.neuropsychologia.2013.05.022
- Balas, B., & Stevenson, K. (2014). Children's neural response to contrast-negated faces is species specific. *J Exp Child Psychol*, 119, 73-86.
doi:10.1016/j.jecp.2013.10.010
- Balass, M., Nelson, J. R., & Perfetti, C. A. (2010). Word learning: An ERP investigation of word experience effects on recognition and word processing. *Contemporary Educational Psychology*, 35, 126-140. doi:10.1016/j.cedpsych.2010.04.001
- Baldwin, S. A., Larson, M. J., & Clayson, P. E. (2015). The dependability of electrophysiological measurements of performance monitoring in a clinical sample: A generalizability and decision analysis of the ERN and Pe. *Psychophysiology*, 52(6), 790-800.
- Bandt, C., Weymar, M., Samaga, D., & Hamm, A. O. (2009). A simple classification tool for single-trial analysis of ERP components. *Psychophysiology*, 46, 747-757.
doi:10.1111/j.1469-8986.2009.00816.x
- Barber, H., & Carreiras, M. (2003). Integrating gender and number information in Spanish word pairs: An ERP study. *Cortex*, 39(3), 465-482.
- Barber, H., & Carreiras, M. (2005). Grammatical gender and number agreement in Spanish: An ERP comparison. *Journal of Cognitive Neuroscience*, 17(1), 137-153.
- Barber, H., Vergara, M., & Carreiras, M. (2004). Syllable-frequency effects in visual word recognition: evidence from ERPs. *NeuroReport*, 15(3), 545-548.
- Baretta, L., Tomitch, L., MacNair, N., Lim, V. K., & Waldie, K. E. (2009). Inference making while reading narrative and expository texts: an ERP study. *Psychology & Neuroscience*, 2(2), 137-145. doi:10.3922/j.psns.2009.2.005
- Barker, T. V., Troller-Renfree, S., Pine, D. S., & Fox, N. A. (2015). Individual differences in social anxiety affect the salience of errors in social contexts. *Cognitive, Affective, & Behavioral Neuroscience*.
- Barnes, M., Gozal, D., & Molfese, D. L. (2012). Attention in children with obstructive

sleep apnoea: An event-related potentials study. *Sleep Medicine*, 13(4), 368-377. doi:10.1016/j.sleep.2011.06.007

Barnes, M., Huss, E., Garrod, K., Van Raay, E., Dayyat, E., Gozal, D., & Molfese..., D. (2009). Impairments in Attention in Occasionally Snoring Children: An Event-Related Potential Study. *Developmental Neuropsychology*, 34(5), 629-649. doi:10.1080/87565640903133632

Barr, M., Hamm, J. P., Kirk, I. J., & Corballis, M. C. (2005). Early visual evoked potentials in callosal agenesis. *Neuropsychology*, 19(6), 707-727. doi:10.1037/0894-4105.19.6.707

Barraza, P., Gomez, D. M., Oyarzun, F., & Dartnell, P. (2014). Long-distance neural synchrony correlates with processing strategies to compare fractions. *Neurosci Lett*, 567, 40-44. doi:10.1016/j.neulet.2014.03.021

Barth, A. (2015). *Risky or not? Characterizing Intuitive Health Risk Perception*. (PhD Thesis), Universität Konstanz.

Barth, A., Schmalzle, R., Renner, B., & Schupp, H. T. (2013). Neural correlates of risk perception: HIV vs. leukemia. *Front Behav Neurosci*, 7, 166. doi:10.3389/fnbeh.2013.00166

Baruth, J. M., Casanova, M. F., El-Baz, A., Horrell, T., Mathai, G., Sears, L., & Sokhadze, E. (2010). Low-Frequency Repetitive Transcranial Magnetic Stimulation Modulates Evoked-Gamma Frequency Oscillations in Autism Spectrum Disorder. *Journal of Neurotherapy*, 14(3), 179-194. doi:10.1080/10874208.2010.501500

Barzegaran, E., Carmeli, C., Rossetti, A. O., Frackowiak, R. S., & Knyazeva, M. G. (2015). Weakened functional connectivity in patients with psychogenic non-epileptic seizures (PNES) converges on basal ganglia. *Journal of Neurology, Neurosurgery & Psychiatry*, jnnp-2014-309483. doi:10.1136/jnnp-2014-309483

Barzegaran, E., Joudaki, A., Jalili, M., Rossetti, A. O., Frackowiak, R. S., & Knyazeva, M. G. (2012). Properties of functional brain networks correlate with frequency of psychogenic non-epileptic seizures. *Front Hum Neurosci*, 6, 335. doi:10.3389/fnhum.2012.00335

Bathelt, J., O'Reilly, H., Clayden, J. D., Cross, J. H., & de Haan, M. (2013). Functional brain network organisation of children between 2 and 5years derived from reconstructed activity of cortical sources of high-density EEG recordings. *NeuroImage*, 82, 595-604. doi:10.1016/j.neuroimage.2013.06.003

Bathelt, J., O'Reilly, H., & de Haan, M. (2014). Cortical Source Analysis of High-Density EEG Recordings in Children. (88), e51705. doi:doi:10.3791/51705

Baur, R., Conzelmann, A., Wieser, M. J., & Pauli, P. (2015). Spontaneous emotion regulation: Differential effects on evoked brain potentials and facial muscle activity. *International Journal of Psychophysiology*, 96(1), 38-48.

Bayram, M. B., Siemionow, V., & Yue, G. H. (2015). Weakening of Corticomuscular Signal Coupling During Voluntary Motor Action in Aging. *The Journals of Gerontology Series A: Biological Sciences and Medical Sciences*, 70(8), 1037-1043. doi:10.1093/gerona/glv014

Beauchemin, M., Beaumont, L. D., Vannasing, P., Turcotte, A., Arcand, C., Belin, P., & Lassonde, M. (2006). Electrophysiological markers of voice familiarity. *European Journal of Neuroscience*, 23, 3081-3086. doi:10.1111/j.1460-9568.2006.04856.x

Beauchemin, M., González-Frankenberger, B., Tremblay, J., Vannasing, P., Martínez-Montes, E., Belin, P., . . . Lassonde, M. (2011). Mother and Stranger: An Electrophysiological Study of Voice Processing in Newborns. *Cerebral Cortex*, 21(8), 1705-1711. doi:10.1093/cercor/bhq242

Bečev, O., Lamoš, M., Mareček, R., & Brázdil, M. (2015). Using high-gamma oscillations to track the neural dynamics of volitional action.

Becker, R., Pefkou, M., Michel, C. M., & Hervais-Adelman, A. G. (2013). Left temporal alpha-band activity reflects single word intelligibility. *Front Syst Neurosci*, 7, 121. doi:10.3389/fnsys.2013.00121

Beeney, J. E., Levy, K. N., Gatzke-Kopp, L. M., & Hallquist, M. N. (2013). EEG Asymmetry in Borderline Personality Disorder and Depression Following Rejection. *Personal Disord*. doi:10.1037/per0000032

Beeney, J. E., Levy, K. N., Gatzke-Kopp, L. M., & Hallquist, M. N. (2014). EEG asymmetry in borderline personality disorder and depression following rejection. *Personal Disord*, 5(2), 178-185. doi:10.1037/per0000032

Beheshti, S., Ravan, M., Reilly, J. P., & Trainor, L. J. (2011). Mean Square Error in Periodogram Approaches with Adaptive Windowing. *Signal Processing, IEEE Transactions on*, 59(3), 923-935. doi:10.1109/TSP.2010.2094192

Beier, M., Jansen, C., Mayer, G., Penzel, T., Rodenbeck, A., Siewert, R., . . . Krefting, D. (2015). *Multicenter Data Sharing for Collaboration in Sleep Medicine*. Paper presented at the Cluster, Cloud and Grid Computing (CCGrid), 2015 15th IEEE/ACM International Symposium on.

- Bekinschtein, T. A., Dehaene, S., Rohaut, B., Tadel, F., Cohen, L., & Naccache, L. (2009). Neural signature of the conscious processing of auditory regularities. *Proceedings of the National Academy of Sciences of the United States of America*, 106(5), 1672-1677.
- Beldzik, E., Domagalik, A., Froncisz, W., & Marek, T. (2015). Dissociating EEG sources linked to stimulus and response evaluation in numerical Stroop task using Independent Component Analysis. *Clin Neurophysiol*, 126(5), 914-926. doi:10.1016/j.clinph.2014.08.009
- Belkofer, C. M., Van Hecke, A. V., & Konopka, L. M. (2014). Effects of Drawing on Alpha Activity: A Quantitative EEG Study With Implications for Art Therapy. *Art Therapy*, 31(2), 61-68. doi:10.1080/07421656.2014.903821
- Ben-Shalom, T., Berger, A., & Henik, A. (2013). My brain knows numbers! - an ERP study of preschoolers' numerical knowledge. *Front Psychol*, 4, 716. doi:10.3389/fpsyg.2013.00716
- Ben-Soussan, T. D., Berkovich-Ohana, A., Glicksohn, J., & Goldstein, A. (2014). A suspended act: increased reflectivity and gender-dependent electrophysiological change following Quadrato Motor Training. *Front Psychol*, 5, 55. doi:10.3389/fpsyg.2014.00055
- Benasich, A. A., Choudhury, N., Friedman, J. T., Realpe-Bonilla, T., Chojnowska, C., & Gou, Z. (2006). The infant as a prelinguistic model for language learning impairments: predicting from event-related potentials to behavior. *Neuropsychologia*, 44, 396-411. doi:10.1016/j.neuropsychologia.2005.06.004
- Benasich, A. A., Choudhury, N. A., Realpe-Bonilla, T., & Roesler, C. P. (2014). Plasticity in developing brain: active auditory exposure impacts prelinguistic acoustic mapping. *J Neurosci*, 34(40), 13349-13363. doi:10.1523/JNEUROSCI.0972-14.2014
- Benasich, A. A., Gou, Z., Choudhury, N., & Harris, K. D. (2008). Early cognitive and language skills are linked to resting frontal gamma power across the first 3 years. *Behavioural Brain Research*, 195, 215-222. doi:10.1016/j.bbr.2008.08.049
- Benasich, A. A., Thomas, J. J., Choudhury, N., & Leppanen, P. H. T. (2002). The importance of rapid auditory processing abilities to early language development: Evidence from converging methodologies. *Developmental Psychobiology*, 40, 278-292. doi:10.1002/dev.10032
- Berchio, C., Rihs, T. A., Michel, C. M., Brunet, D., Apicella, F., Muratori, F., . . . Umiltà,

M. A. (2013). Parieto-Frontal Circuits During Observation of Hidden and Visible Motor Acts in Children. A High-density EEG Source Imaging Study. *Brain Topogr.* doi:10.1007/s10548-013-0314-x

Berger, A., Alyagon, U., Hadaya, H., Atzaba-Poria, N., & Auerbach, J. G. (2013). Response Inhibition in Preschoolers at Familial Risk for Attention Deficit Hyperactivity Disorder: A Behavioral and Electrophysiological Stop-Signal Study. *Child Dev.* doi:10.1111/cdev.12072

Berger, A., Tzur, G., & Posner, M. I. (2006). Infant brains detect arithmetic errors. *Proceedings of the National Academy of Sciences of the United States of America*, 103(33), 12649-12653. doi:10.1073/pnas.0605350103

Bergström, Z., O'Connor, R., Li, M., & Simons, J. (2012). Event-related potential evidence for separable automatic and controlled retrieval processes in proactive interference. *Brain Research*, 1455, 90-102. doi:10.1016/j.brainres.2012.03.043

Bergstrom, Z. M., Anderson, M. C., Buda, M., Simons, J. S., & Richardson-Klavehn, A. (2013). Intentional retrieval suppression can conceal guilty knowledge in ERP memory detection tests. *Biol Psychol*, 94(1), 1-11. doi:10.1016/j.biopsycho.2013.04.012

Berkovich-Ohana, A. (2015). A case study of a meditation-induced altered state: increased overall gamma synchronization. *Phenomenology and the Cognitive Sciences*, 1-16.

Berkovich-Ohana, A., Glicksohn, J., & Goldstein, A. (2012). Mindfulness-induced changes in gamma band activity—Implications for the default mode network, self-reference and attention. *Clinical Neurophysiology*, 123(1), 700-710. doi:10.1016/j.clinph.2011.07.048

Berkovich-Ohana, A., Glicksohn, J., & Goldstein, A. (2012). Mindfulness-induced changes in gamma band activity - implications for the default mode network, self-reference and attention. *Clin Neurophysiol*, 123(4), 700-710. doi:10.1016/j.clinph.2011.07.048

Berkovich-Ohana, A., Glicksohn, J., & Goldstein, A. (2014). Studying the default mode and its mindfulness-induced changes using EEG functional connectivity. *Social Cognitive and Affective Neuroscience*, 9(10), 1616-1624. doi:10.1093/scan/nst153

Bernal, S., Dehaene-Lambertz, G., Millotte, S., & Christophe, A. (2010). Two-year-olds compute syntactic structure on-line. *Developmental Science*, 13(1), 69-76. doi:10.1111/j.1467-7687.2009.00865.x

- Bernardi, G., Siclari, F., Yu, X., Zennig, C., Bellesi, M., Ricciardi, E., . . . Tononi, G. (2015). Neural and behavioral correlates of extended training during sleep deprivation in humans: evidence for local, task-specific effects. *The Journal of Neuroscience*, 35(11), 4487-4500.
- Bernier, R., Aaronson, B., & McPartland, J. (2013). The role of imitation in the observed heterogeneity in EEG mu rhythm in autism and typical development. *Brain Cogn*, 82(1), 69-75. doi:10.1016/j.bandc.2013.02.008
- Bernier, R., Dawson, G., Panagiotides, H., & Webb, S. J. (2005). Individuals with autism spectrum disorder show normal responses to a fear potential startle paradigm. *Journal of autism and developmental disorders*, 35(5), 575-583. doi:10.1007/s10803-005-0002-0
- Bernier, R., Dawson, G., Webb, S. J., & Murias, M. (2007). EEG mu rhythm and imitation impairments in individuals with autism spectrum disorder. *Brain and cognition*, 64, 228-237. doi:10.1016/j.bandc.2007.03.004
- Best, M. W., & Bowie, C. R. (2013). Neurophysiological responses to schizophrenia-associated communication abnormalities. *Schizophr Res*, 148(1-3), 157-162. doi:10.1016/j.schres.2013.06.009
- Beukema, S. (2015). *Event-related potential markers of perceptual and conceptual speech processes in patients with disorders of consciousness*. (Masters Thesis), The University of Western Ontario.
- Bian, Z., Li, Q., Wang, L., Lu, C., Yin, S., & Li, X. (2014). Relative power and coherence of EEG series are related to amnestic mild cognitive impairment in diabetes. *Front Aging Neurosci*, 6, 11. doi:10.3389/fnagi.2014.00011
- Birca, A., Lassonde, M., Lippé, S., Lortie, A., Vannasing, P., & Carmant, L. (2015). Enhanced EEG connectivity in children with febrile seizures. *Epilepsy Research*, 110(0), 32-38. doi:<http://dx.doi.org/10.1016/j.eplepsyres.2014.11.008>
- Biro, G., Spinelli, L., Vulliemoz, S., Megevand, P., Brunet, D., Seeck, M., & Michel, C. M. (2014). Head model and electrical source imaging: A study of 38 epileptic patients. *Neuroimage Clin*, 5, 77-83. doi:10.1016/j.nicl.2014.06.005
- Bistricky, S. L., Atchley, R. A., Ingram, R., & O'Hare, A. (2014). Biased processing of sad faces: an ERP marker candidate for depression susceptibility. *Cogn Emot*, 28(3), 470-492. doi:10.1080/02699931.2013.837815
- Blaetz, T. (2015). *The Electrophysiology of Written Informal Language*. (Masters

Thesis), Western Kentucky University.

Blanchet, S., Gagnon, G., & Bastien, C. (2007). Event-related potential study of dynamic neural mechanisms of semantic organizational strategies in verbal learning. *Brain Research*, 1170, 59-70. doi:10.1016/j.brainres.2007.07.024

Bland, A. R., & Schaefer, A. (2011). Electrophysiological correlates of decision making under varying levels of uncertainty. *Brain Research*, 1417, 55-66. doi:10.1016/j.brainres.2011.08.031

Blau, V., Maurer, U., Tottenham, N., & Mccandliss, B. D. (2007). The face-specific N170 component is modulated by emotional facial expression. *Behavioral and Brain Functions*, 3(7), 1-13. doi:10.1186/1744-9081-3-7

Bloom, E. L., Potts, G. F., Evans, D. E., & Drobis, D. J. (2013). Cue reactivity in smokers: An event-related potential study. *Int J Psychophysiol*. doi:10.1016/j.ijpsycho.2013.08.005

Bocci, T., Moretto, C., Tognazzi, S., Briscese, L., Naraci, M., Leocani, L., . . . Sartucci, F. (2013). How does a surgeon's brain buzz? An EEG coherence study on the interaction between humans and robot. *Behav Brain Funct*, 9, 14. doi:10.1186/1744-9081-9-14

Bogdan, R., Santesso, D. L., Fagerness, J., Perlis, R. H., & Pizzagalli, D. A. (2011). Corticotropin-Releasing Hormone Receptor Type 1 (CRHR1) Genetic Variation and Stress Interact to Influence Reward Learning. *Journal of Neuroscience*, 31(37), 13246-13254. doi:10.1523/JNEUROSCI.2661-11.2011

Bokura, H., Yamaguchi, S., & Kobayashi, S. (2001). Electrophysiological correlates for response inhibition in a Go/NoGo task. *Clinical Neurophysiology*, 112(12), 2224-2232.

Bolsterli Heinze, B. K., Fattinger, S., Kurth, S., Lebourgeois, M. K., Ringli, M., Bast, T., . . . Huber, R. (2014). Spike wave location and density disturb sleep slow waves in patients with CSWS (continuous spike waves during sleep). *Epilepsia*, 55(4), 584-591. doi:10.1111/epi.12576

Boly, M., & Maganti, R. (2014). Monitoring epilepsy in the intensive care unit: Current state of facts and potential interest of high density EEG. *Brain Injury*, 28(9), 1151-1155. doi:10.3109/02699052.2014.920525

Boly, M., Moran, R., Murphy, M., Boveroux, P., Bruno, M.-A., Noirhomme, Q., . . . Friston, K. (2012). Connectivity Changes Underlying Spectral EEG Changes during Propofol-Induced Loss of Consciousness. *The Journal of Neuroscience*.

Bonnefond, M., & Henst, J.-B. V. d. (2009). What's behind an inference? An EEG study with conditional arguments. *Neuropsychologia*, 47, 3125-3133.
doi:10.1016/j.neuropsychologia.2009.07.014

Bonnefond, M., & Henst, J. B. (2013). Deduction electrified: ERPs elicited by the processing of words in conditional arguments. *Brain Lang*, 124(3), 244-256.
doi:10.1016/j.bandl.2012.12.011

Bonnefond, M., Kaliuzhna, M., Van der Henst, J. B., & De Neys, W. (2014). Disabling conditional inferences: An EEG study. *Neuropsychologia*, 56, 255-262.
doi:10.1016/j.neuropsychologia.2014.01.022

Bonnefond, M., Van der Henst, J.-B., Gougin, M., Robic, S., Olsen, M. D., Weiss, O., & Noveck, I. (2012). How pragmatic interpretations arise from conditionals: Profiling the Affirmation of the Consequent argument with reaction time and EEG measures. *Journal of Memory and Language*, 67(4), 468-485.
doi:10.1016/j.jml.2012.07.007

Borgström, K., von Koss Torkildsen, J., & Lindgren, M. (2015). Event-related potentials during word mapping to object shape predict toddlers' vocabulary size. *Frontiers in Psychology*, 6.

Borgström, K., von Koss Torkildsen, J., & Lindgren, M. (2015). Substantial gains in word learning ability between 20 and 24 months: A longitudinal ERP study. *Brain and Language*, 149, 33-45. Retrieved from http://ac.els-cdn.com/S0093934X1500142X/1-s2.0-S0093934X1500142X-main.pdf?_tid=7b7f9c74-34b0-11e5-b989-0000aacb35e&acdnat=1438037009_8787a38f968804088a1a9054a8b265d4

Bornstein, M. H., Arterberry, M. E., & Mash, C. (2013). Differentiated brain activity in response to faces of "own" versus "unfamiliar" babies in primipara mothers: an electrophysiological study. *Dev Neuropsychol*, 38(6), 365-385.
doi:10.1080/87565641.2013.804923

Borst, G., Simon, G., Vidal, J., & Houde, O. (2013). Inhibitory control and visuo-spatial reversibility in Piaget's seminal number conservation task: a high-density ERP study. *Front Hum Neurosci*, 7, 920. doi:10.3389/fnhum.2013.00920

Bosl, W., Tierney, A., Tager-Flusberg, H., & Nelson III, C. A. (2011). EEG complexity as a biomarker for autism spectrum disorder risk. *BMC Medicine*, 9(18), 1-16.
doi:10.1186/1741-7015-9-18

Bousleiman, H., Zimmermann, R., Ahmed, S., Hardmeier, M., Hatz, F., Schindler, C., . . .

. Fuhr, P. (2014). Power spectra for screening parkinsonian patients for mild cognitive impairment. *Annals of Clinical and Translational Neurology*, 1(11), 884-890. doi:10.1002/acn3.129

Bowman, L. C., Liu, D., Meltzoff, A. N., & Wellman, H. M. (2012). Neural correlates of belief- and desire-reasoning in 7- and 8-year-old children: an event-related potential study. *Developmental Science*, 15(5), 618-632. doi:10.1111/j.1467-7687.2012.01158.x

Bradley, M. M., Hamby, S., Löw, A., & Lang, P. J. (2007). Brain potentials in perception: Picture complexity and emotional arousal. *Psychophysiology*, 44, 364-373. doi:10.1111/j.1469-8986.2007.00520.x

Braun, C., Schweizer, R., Elbert, T. R., Birbaumer, N., & Taub, E. (2000). Differential activation in somatosensory cortex for different discrimination tasks. *Journal of Neuroscience*, 20(1), 446-450.

Braverman, A., Berger, A., & Meiran, N. (2014). The hierarchy of task decision and response selection: a task-switching event related potentials study. *Brain Cogn*, 88, 35-42. doi:10.1016/j.bandc.2014.04.006

Breen, M., Dilley, L. C., McAuley, J. D., & Sanders, L. D. (2014). Auditory evoked potentials reveal early perceptual effects of distal prosody on speech segmentation. *Language, Cognition and Neuroscience*, 1-15. doi:10.1080/23273798.2014.894642

Breen, M., Kingston, J., & Sanders, L. D. (2013). Perceptual representations of phonotactically illegal syllables. *Atten Percept Psychophys*, 75(1), 101-120. doi:10.3758/s13414-012-0376-y

Bridwell, D. A., Hecker, E. A., Serences, J. T., & Srinivasan, R. (2013). Individual differences in attention strategies during detection, fine discrimination, and coarse discrimination. *J Neurophysiol*, 110(3), 784-794. doi:10.1152/jn.00520.2012

Bridwell, D. A., & Srinivasan, R. (2012). Distinct attention networks for feature enhancement and suppression in vision. *Psychol Sci*, 23(10), 1151-1158. doi:10.1177/0956797612440099

Bristow, D., Dehaene-Lambertz, G., Mattout, J., Soares, C., Gliga, T., Baillet, S., & Mangin, J.-F. (2009). Hearing faces: How the infant brain matches the face it sees with the speech it hears. *Journal of Cognitive Neuroscience*, 21(5), 905-921.

Britz, J., Diaz Hernandez, L., Ro, T., & Michel, C. M. (2014). EEG-microstate dependent emergence of perceptual awareness. *Front Behav Neurosci*, 8, 163. doi:10.3389/fnbeh.2014.00163

Britz, J., & Michel, C. M. (2010). Errors can be related to pre-stimulus differences in ERP topography and their concomitant sources. *NeuroImage*, 49, 2774-2782. doi:10.1016/j.neuroimage.2009.10.033

Broadway, J. M., Franklin, M. S., & Schooler, J. W. (2015). Early event-related brain potentials and hemispheric asymmetries reveal mind-wandering while reading and predict comprehension. *Biological Psychology*, 107, 31-43.

Brodbeck, V., Lascano, A. M., Spinelli, L., Seeck, M., & Michel, C. M. (2009). Accuracy of EEG source imaging of epileptic spikes in patients with large brain lesions. *Clinical Neurophysiology*, 120(4), 679-685. doi:10.1016/j.clinph.2009.01.011

Brodbeck, V., Spinelli, L., Lascano, A. M., Pollo, C., Schaller, K., Vargas, M.-I., . . . Seeck, M. (2010). Electrical source imaging for presurgical focus localization in epilepsy patients with normal MRI. *Epilepsia*, 51(4), 583-591. doi:10.1111/j.1528-1167.2010.02521

Brodbeck, V., Spinelli, L., Lascano, A. M., Wissmeier, M., Vargas, M.-I., Vulliemoz, S., . . . Seeck, M. (2011). Electroencephalographic source imaging: a prospective study of 152 operated epileptic patients. *Brain*, 134(10), 2887-2897. doi:10.1093/brain/awr243

Brodbeck, V., Thut, G., Spinelli, L., Romei, V., Tyrand, R., Michel, C. M., & Seeck, M. (2010). Effects of repetitive Transcranial Magnetic Stimulation on spike pattern and topography in patients with focal epilepsy. *Brain Topography*, 22, 267-280. doi:10.1007/s10548-009-0125-2

Brooker, R. J., & Buss, K. A. (2014). Toddler fearfulness is linked to individual differences in error-related negativity during preschool. *Dev Neuropsychol*, 39(1), 1-8. doi:10.1080/87565641.2013.826661

Brooker, R. J., & Buss, K. A. (2014). Harsh parenting and fearfulness in toddlerhood interact to predict amplitudes of preschool error-related negativity. *Dev Cogn Neurosci*, 9, 148-159. doi:10.1016/j.dcn.2014.03.001

Brooker, R. J., Buss, K. A., & Dennis, T. A. (2011). Error-monitoring brain activity is associated with affective behaviors in young children. *Developmental Cognitive Neuroscience*, 1, 141-152. doi:10.1016/j.dcn.2010.12.002

Brown, C., Gruber, T., Boucher, J., Rippon, G., & Brock, J. (2005). Gamma

abnormalities during perception of illusory figures in autism. *Cortex*, 41(3), 364-376. doi:10.1016/S0010-9452(08)70273-9

Brown, K., Ortigue, S., & Grafton, S. T. (2010). Improving human brain mapping via joint inversion of brain electrodynamics and the BOLD signal. *NeuroImage*, 49, 2401-2415. doi:10.1016/j.neuroimage.2009.10.011

Bruder, J., Leppanen, P. H. T., Bartling, J., Csepe, V., Démonet, J.-F., & Schulte-Körne, G. (2011). Children with dyslexia reveal abnormal native language representations: Evidence from a study of mismatch negativity. *Psychophysiology*, 48(8), 1107-1118. doi:10.1111/j.1469-8986.2011.01179.x

Bruder, J., Leppanen, P. H. T., Bartling, J., Csepe, V., Démonet, J.-F., & Schulte-Körne, G. (2011). An investigation of prototypical and atypical within-category vowels and non-speech analogues on cortical auditory evoked related potentials (AERPs) in 9 year *International Journal of Psychophysiology*, 79(2), 106-117. doi:10.1016/j.ijpsycho.2010.09.008

Brumback, T. Y., Arbel, Y., Donchin, E., & Goldman, M. S. (2012). Efficiency of responding to unexpected information varies with sex, age, and pubertal development in early adolescence. *Psychophysiology*, 49(10), 1330-1339. doi:10.1111/j.1469-8986.2012.01444.x

Brunelliere, A. (2010). Brain response to subject-verb agreement during grammatical priming. *Brain Research*, 1372, 70-80. doi:10.1016/j.brainres.2010.11.052

Brunelliere, A., Hoen, M., & Dominey, P. F. (2005). ERP correlates of lexical analysis: N280 reflects processing complexity rather than category or frequency effects. *Cognitive Neuroscience and Neuropsychology*, 16(13), 1435-1438. doi:10.1097/01.wnr.0000177008.98860.69

Bryce, D., Szucs, D., Soltesz, F., & Whitebread, D. (2011). The development of inhibitory control: An averaged and single-trial Lateralized Readiness Potential study. *NeuroImage*, 57, 671-685. doi:10.1016/j.neuroimage.2010.12.006

Bublitzky, F., Flaisch, T., Stockburger, J., Schmalzle, R., & Schupp, H. T. (2010). The interaction of anticipatory anxiety and emotional picture processing: An event-related brain potential study. *Psychophysiology*, 47(4), 687-696. doi:10.1111/j.1469-8986.2010.00966.x

Bublitzky, F., & Schupp, H. T. (2012). Pictures cueing threat: brain dynamics in viewing explicitly instructed danger cues. *Soc Cogn Affect Neurosci*, 7(6), 611-622. doi:10.1093/scan/nsr032

Buchmann, A., Ringli, M., Kurth, S., Schaerer, M., Geiger, A., Jenni, O. G., & Huber, R. (2011). EEG sleep slow-wave activity as a mirror of cortical maturation. *Cerebral Cortex*, 21(3), 607-615. doi:10.1093/cercor/bhq129

Buiatti, M., Pena, M., & Dehaene-Lambertz, G. (2009). Investigating the neural correlates of continuous speech computation with frequency-tagged neuroelectric responses. *NeuroImage*, 44, 509-519. doi:10.1016/j.neuroimage.2008.09.015

Busch, N., Debener, S., Kranczioch, C., Engel, A. K., & Herrmann, C. S. (2004). Size matters: effects of stimulus size, duration and eccentricity on the visual gamma-band response. *Clinical Neurophysiology*, 115, 1810-1820. doi:10.1016/j.clinph.2004.03.015

Bush, G., Luu, P., & Posner, M. I. (2000). Cognitive and emotional influences in anterior cingulate cortex. *Trends in cognitive sciences*, 4(6), 215-222.

Buss, K. A., Dennis, T. A., Brooker, R. J., & Sippel, L. M. (2011). An ERP study of conflict monitoring in 4-8-year old children: Associations with temperament. *Developmental Cognitive Neuroscience*, 1, 131-140. doi:10.1016/j.dcn.2010.12.003

Butcher, A., Govenlock, S., & Tata, M. S. (2011). A Lateralized Auditory Evoked Potential Elicited When Auditory Objects are Defined by Spatial Motion. *Hearing Research*, 272(1-2), 58-68. doi:10.1016/j.heares.2010.10.019

Butler, B., & Trainor, L. (2012). Sequencing the cortical processing of pitch-evoking stimuli using EEG analysis and source estimation. *Frontiers in Psychology*, 3(180), 1-13. doi:10.3389/fpsyg.2012.00180

Butler, B. E., & Trainor, L. J. (2013). Brief pitch-priming facilitates infants' discrimination of pitch-evoking noise: evidence from event-related potentials. *Brain Cogn*, 83(3), 271-278. doi:10.1016/j.bandc.2013.09.002

Cacioppo, S., Balogh, S., & Cacioppo, J. T. (2015). Implicit attention to negative social, in contrast to nonsocial, words in the Stroop Task differs between individuals high and low in loneliness: evidence from event-related brain microstates. *Cortex*. doi:10.1016/j.cortex.2015.05.032

Cacioppo, S., Bangee, M., Balogh, S., Cardenas-Iniguez, C., Qualter, P., & Cacioppo, J. T. (2015). Loneliness and implicit attention to social threat: A high-performance electrical neuroimaging study. *Cognitive Neuroscience*(ahead-of-print), 1-22.

Cacioppo, S., Bianchi-Demicheli, F., Bischof, P., Deziegler, D., Michel, C. M., & Landis, T. (2013). Hemispheric specialization varies with EEG brain resting states and

phase of menstrual cycle. *PloS one*, 8(4), e63196.
doi:10.1371/journal.pone.0063196

Cacioppo, S., & Cacioppo, J. T. (2015). Dynamic spatiotemporal brain analyses using high-performance electrical neuroimaging, Part II: A Step-by-Step Tutorial. *Journal of neuroscience Methods*.

Cacioppo, S., Grafton, S., & Bianchi-Demicheli, F. (2012). The speed of Passionate love as a subliminal prime: a high-density electrical neuroimaging study. *NeuroQuantology*, 10(4), 715–724.

Cacioppo, S., Weiss, R. M., Runesha, H. B., & Cacioppo, J. T. (2014). Dynamic spatiotemporal brain analyses using high performance electrical neuroimaging: Theoretical framework and validation. *J Neurosci Methods*, 238, 11-34.
doi:10.1016/j.jneumeth.2014.09.009

Cai, Y., Zheng, Y., Liang, M., Zhao, F., Yu, G., Liu, Y., . . . Chen, G. (2015). Auditory Spatial Discrimination and the Mismatch Negativity Response in Hearing-Impaired Individuals. *PloS one*, 10(8), e0136299.
doi:10.1371/journal.pone.0136299

Campanhã, C., Minati, L., Fregni, F., & Boggio, P. S. (2011). Responding to Unfair Offers Made by a Friend: Neuroelectrical Activity Changes in the Anterior Medial Prefrontal Cortex. *The Journal of Neuroscience*, 31(43), 15569-15574.
doi:10.1523/JNEUROSCI.1253-11.2011

Campbell, G. E., Belz, C. L., & Luu, P. (2009). “What Was He Thinking?”: Using EEG Data to Facilitate the Interpretation of Performance Patterns. *Foundations of Augmented Cognition. Directing the Future of Adaptive Systems*, 339-347.

Campbell, G. E., Belz, C. L., Scott, C. P. R., & Luu, P. (2011). EEG Knows Best: Predicting Future Performance Problems for Targeted Training. *Foundations of Augmented Cognition. Directing the Future of Adaptive Systems, HCII 2011(LNAI 6780)*, 131-136.

Campbell, J., & Sharma, A. (2013). Compensatory changes in cortical resource allocation in adults with hearing loss. *Front Syst Neurosci*, 7, 71.
doi:10.3389/fnsys.2013.00071

Campbell, J., & Sharma, A. (2014). Cross-modal re-organization in adults with early stage hearing loss. *PloS one*, 9(2), e90594.
doi:10.1371/journal.pone.0090594.g001

Campos Viola, F., Thorne, J., Edmonds, B., Schneider, T., Eichele, T., & Debener, S.

(2009). Semi-automatic identification of independent components representing EEG artifact. *Clinical Neurophysiology*, 120, 868-877.
doi:10.1016/j.clinph.2009.01.015

Canales-Johnson, A., Silva, C., Huepe, D., Rivera-Rei, Á., Noreika, V., del Carmen Garcia, M., . . . Sedeño, L. (2015). Auditory Feedback Differentially Modulates Behavioral and Neural Markers of Objective and Subjective Performance When Tapping to Your Heartbeat. *Cerebral Cortex*, bhw076.

Canizales, D. L., Voisin, J. I., Michon, P. E., Roy, M. A., & Jackson, P. L. (2013). The influence of visual perspective on the somatosensory steady-state response during pain observation. *Front Hum Neurosci*, 7, 849.
doi:10.3389/fnhum.2013.00849

Cannon, E. N., Simpson, E. A., Fox, N. A., Vanderwert, R. E., Woodward, A. L., & Ferrari, P. F. (2015). Relations between infants' emerging reach-grasp competence and event-related desynchronization in EEG. *Developmental Science*. doi:10.1111/desc.12295

Cannon, E. N., Yoo, K. H., Vanderwert, R. E., Ferrari, P. F., Woodward, A. L., & Fox, N. A. (2014). Action experience, more than observation, influences mu rhythm desynchronization. *PLoS one*, 9(3), e92002. doi:10.1371/journal.pone.0092002

Cao, F., Rickles, B., Vu, M., Zhu, Z., Chan, D. H., Harris, L. N., . . . Perfetti, C. A. (2013). Early stage visual-orthographic processes predict long-term retention of word form and meaning: a visual encoding training study. *J Neurolinguistics*, 26(4), 440-461. doi:10.1016/j.jneuroling.2013.01.003

Cao, J., Wang, S., Ren, Y., Zhang, Y., Cai, J., Tu, W., . . . Xia, Y. (2013). Interference control in 6-11 year-old children with and without ADHD: behavioral and ERP study. *Int J Dev Neurosci*, 31(5), 342-349. doi:10.1016/j.ijdevneu.2013.04.005

Cao, X., Li, S., Zhao, J., Lin, S. e., & Weng, X. (2011). Left-lateralized early neurophysiological response for Chinese characters in young primary school children. *Neuroscience letters*, 492, 165-169. doi:10.1016/j.neulet.2011.02.002

Cao, X., & Zhang, H. (2011). Change in subtle N170 specialization in response to Chinese characters and pseudocharacters. *Perceptual and Motor Skills*, 113(2), 365-376.

Capizzi, M., Correa, A., & Sanabria, D. (2013). Temporal orienting of attention is interfered by concurrent working memory updating. *Neuropsychologia*, 51(2), 326–339. doi:10.1016/j.neuropsychologia.2012.10.005

Caplan, J. B., Bottomley, M., Kang, P., & Dixon, R. A. (2015). Distinguishing rhythmic from non-rhythmic brain activity during rest in healthy neurocognitive aging. *NeuroImage*, 112, 341-352.

Carey, D., Mercure, E., Pizzoli, F., & Aydelott, J. (2014). Auditory semantic processing in dichotic listening: Effects of competing speech, ear of presentation, and sentential bias on N400s to spoken words in context. *Neuropsychologia*, 65(0), 102-112. doi:<http://dx.doi.org/10.1016/j.neuropsychologia.2014.10.016>

Carlson, J. M., & Reinke, K. S. (2010). Spatial attention-related modulation of the N170 by backward masked fearful faces. *Brain and cognition*, 73, 20-27. doi:[10.1016/j.bandc.2010.01.007](https://doi.org/10.1016/j.bandc.2010.01.007)

Carlson, J. M., & Reinke, K. S. (2014). Attending to the fear in your eyes: Facilitated orienting and delayed disengagement. *Cogn Emot*. doi:[10.1080/02699931.2014.885410](https://doi.org/10.1080/02699931.2014.885410)

Carmeli, C., Knyazeva, M., Cuenod, M., & Do, K. Q. (2012). Glutathione Precursor N-Acetyl-Cysteine Modulates EEG Synchronization in Schizophrenia Patients: A Double-Blind, Randomized, Placebo-Controlled Trial. *PloS one*, 7(2), e29341. doi:[10.1371/journal.pone.0029341](https://doi.org/10.1371/journal.pone.0029341)

Carmeli, C., Knyazeva, M. G., Innocenti, G., & Feo, O. D. (2005). Assessment of EEG synchronization based on state-space analysis. *NeuroImage*, 25, 339-354. doi:[10.1016/j.neuroimage.2004.11.049](https://doi.org/10.1016/j.neuroimage.2004.11.049)

Carreiras, M., Vergara, M., & Barber, H. (2005). Early event-related potential effects of syllabic processing during visual word recognition. *Journal of Cognitive Neuroscience*, 17(11), 1803-1817.

Carver, L. J., Dawson, G., Panagiotides, H., Meltzoff, A. N., McPartland, J. C., Gray, J., & Munson, J. (2003). Age-related differences in neural correlates of face recognition during the toddler and preschool years. *Developmental Psychobiology*, 42, 148-159. doi:[10.1002/dev.10078](https://doi.org/10.1002/dev.10078)

Carver, L. J., Meltzoff, A. N., & Dawson, G. (2006). Event-related potential (ERP) indices of infants' recognition of familiar and unfamiliar objects in two and three dimensions. *Developmental Science*, 9(1), 51-62.

Casanova, M. F., Baruth, J. M., El-Baz, A., Tasman, A., Sears, L., & Sokhadze, E. (2012). Repetitive transcranial magnetic stimulation (RTMS) modulates event-related potential (ERP) indices of attention in autism. *Translational Neuroscience*, 3(2), 170-180. doi:[10.2478/s13380-012-0022-0](https://doi.org/10.2478/s13380-012-0022-0)

Cascio, C. J., Gu, C., Schauder, K. B., Key, A. P., & Yoder, P. (2015). Somatosensory event-related potentials and association with tactile behavioral responsiveness patterns in children with ASD. *Brain Topography*. doi:10.1007/s10548-015-0439-1

Cassia, V. M., Kuefner, D., Westerlund, A., & Nelson III, C. A. (2006). A behavioural and ERP investigation of 3-month-olds' face preferences. *Neuropsychologia*, 44, 2113-2125. doi:10.1016/j.neuropsychologia.2005.11.014

Castillo Saavedra, L., Morales-Quezada, L., Doruk, D., Rozinsky, J., Coutinho, L., Faria, P., . . . Fregni, F. (2014). QEEG indexed frontal connectivity effects of transcranial pulsed current stimulation (tPCS): A sham-controlled mechanistic trial. *Neuroscience letters*, 577(0), 61-65. doi:<http://dx.doi.org/10.1016/j.neulet.2014.06.021>

Catena, A., Houghton, G., Valdés, B., & Fuentes, L. J. (2009). Unmasking Word Processing with ERPs: Two Novel Linear Techniques for the Estimation of Temporally Overlapped Waveforms. *Brain Topography*, 22, 60-71. doi:10.1007/s10548-009-0074-9

Catherwood, D., Edgar, G., Nikolla, D., Alford, C., Brookes, D., Baker, S., & White, S. (2015). Mapping Brain Activity During Loss of Situation Awareness: an EEG investigation of a basis for top-down influence on perception. *Human Factors*, 56(8), 1428-1452. Retrieved from <http://hfs.sagepub.com/content/56/8/1428.full.pdf+html>

Catherwood, D., Edgar, G. K., Nikolla, D., Alford, C., Brookes, D., Baker, S., & White, S. (2014). Mapping Brain Activity During Loss of Situation Awareness: An EEG Investigation of a Basis for Top-Down Influence on Perception. *Human Factors: The Journal of the Human Factors and Ergonomics Society*. doi:10.1177/0018720814537070

Cecchini, M., Aceto, P., Altavilla, D., Palumbo, L., & Lai, C. (2013). The role of the eyes in processing an intact face and its scrambled image: a dense array ERP and low-resolution electromagnetic tomography (sLORETA) study. *Soc Neurosci*, 8(4), 314-325. doi:10.1080/17470919.2013.797020

Chakraborty, G., Horie, S., Yokoha, H., & Kokosinski, Z. (2015). *Minimizing sensors for system monitoring-a case study with EEG signals*. Paper presented at the Cybernetics (CYBCONF), 2015 IEEE 2nd International Conference on.

Champoux, F., Paiement, P., Vannasing, P., Mercier, C., Gagne, J.-P., Lepore, F., & Lassonde, M. (2007). Auditory scene analysis following unilateral inferior colliculus infarct. *NeuroReport*, 18(17), 1793-1796.

doi:10.1097/WNR.0b013e3282f1a96d

Chan, M., & Singhal, A. (2015). Emotion matters: Implications for distracted driving. *Safety Science*, 72, 302-309.

Chan, P. Y., von Leupoldt, A., Bradley, M. M., Lang, P. J., & Davenport, P. W. (2012). The effect of anxiety on respiratory sensory gating measured by respiratory-related evoked potentials. *Biol Psychol*, 91(2), 185-189.
doi:10.1016/j.biopsych.2012.07.001

Chang, A., Chen, C.-C., Li, H.-H., & Li, C.-S. R. (2015). Perigenual anterior cingulate event-related potential precedes stop signal errors. *NeuroImage*, 111, 179-185.

Chang, A., Chen, C. C., Li, H. H., & Li, C. S. (2014). Event-Related Potentials for Post-Error and Post-Conflict Slowing. *PloS one*, 9(6), e99909. doi:10.1371/journal.pone.0099909

Chang, C., Liu, Z., Chen, M. C., Liu, X., & Duyn, J. H. (2013). EEG correlates of time-varying BOLD functional connectivity. *NeuroImage*, 72, 227-236.
doi:10.1016/j.neuroimage.2013.01.049

Chang, L.-Y., Stafura, J. Z., Rickles, B., Chen, H.-C., & Perfetti, C. A. (2015). Incremental learning of Chinese orthography: ERP indicators of animated and static stroke displays on character form and meaning acquisition. *Journal of Neurolinguistics*, 33, 78-95. doi:<http://dx.doi.org/10.1016/j.jneuroling.2014.09.001>

Chase, H., Swainson, R., Durham, L., Benham, L., & Cools, R. (2011). Feedback-related negativity codes prediction error but not behavioral adjustment during probabilistic reversal learning. *Journal of Cognitive Neuroscience*, 23(4), 936-946.

Chatham, C. H., Claus, E. D., Kim, A., Curran, T., Banich, M. T., & Munakata, Y. (2012). Cognitive Control Reflects Context Monitoring, Not Motoric Stopping, in Response Inhibition. *PloS one*, 7(2), e31546.

Checa, P., Castellanos, M. C., Abundis-Gutierrez, A., & Rosario Rueda, M. (2014). Development of neural mechanisms of conflict and error processing during childhood: implications for self-regulation. *Front Psychol*, 5, 326.
doi:10.3389/fpsyg.2014.00326

Checa, P., & Rueda, M. R. (2011). Behavioral and Brain Measures of Executive Attention and School Competence in Late Childhood. *Developmental Neuropsychology*, 36(8), 1018-1032.

doi:<http://dx.doi.org/10.1080/87565641.2011.591857>

Chella, F., Marzetti, L., Pizzella, V., Zappasodi, F., & Nolte, G. (2014). Third order spectral analysis robust to mixing artifacts for mapping cross-frequency interactions in EEG/MEG. *NeuroImage*, 91, 146-161.
doi:10.1016/j.neuroimage.2013.12.064

Chen, C., & Luo, Y.-J. (2010). Attentional negativity bias moderated by positive mood arousal. *Chinese Science Bulletin*, 55(19), 2010-2015. doi:10.1007/s11434-010-3220-6

Chen, M. C., Chang, C., Glover, G. H., & Gotlib, I. H. (2014). Increased insula coactivation with salience networks in insomnia. *Biol Psychol*, 97, 1-8.
doi:10.1016/j.biopsych.2013.12.016

Chen, Y., Lithgow, K., Hemmerich, J., & Caplan, J. (2014). Is what goes in what comes out? Encoding and retrieval event-related potentials together determine memory outcome. *Experimental Brain Research*, 232(10), 3175-3190.
doi:10.1007/s00221-014-4002-1

Chen, Z., Chen, X., Liu, P., Huang, D., & Liu, H. (2012). Effect of temporal predictability on the neural processing of self-triggered auditory stimulation during vocalization. *BMC Neuroscience*, 13(55), 1-22. doi:10.1186/1471-2202-13-55

Chen, Z., Jones, J. A., Liu, P., Li, W., Huang, D., & Liu, H. (2013). Dynamics of vocalization-induced modulation of auditory cortical activity at mid-utterance. *PloS one*, 8(3), e60039. doi:10.1371/journal.pone.0060039

Chen, Z., Liu, P., Wang, E. Q., Larson, C. R., Huang, D., & Liu, H. (2012). ERP correlates of language-specific processing of auditory pitch feedback during self-vocalization. *Brain Lang*, 121(1), 25-34. doi:10.1016/j.bandl.2012.02.004

Chen, Z., Wong, F. C., Jones, J. A., Li, W., Liu, P., Chen, X., & Liu, H. (2015). Transfer Effect of Speech-sound Learning on Auditory-motor Processing of Perceived Vocal Pitch Errors. *Sci Rep*, 5, 13134. doi:10.1038/srep13134

Cheng, X., Schafer, G., & Akyürek, E. (2010). Name agreement in picture naming: An ERP study. *International Journal of Psychophysiology*, 76, 130-141.
doi:10.1016/j.ijpsycho.2010.03.003

Cheng, X., Schafer, G., & Riddell, P. M. (2014). Immediate auditory repetition of words and nonwords: an ERP study of lexical and sublexical processing. *PloS one*, 9(3), e91988. doi:10.1371/journal.pone.0091988

- Chennu, S., Finoia, P., Kamau, E., Allanson, J., Williams, G. B., Monti, M. M., . . . Bekinschtein, T. A. (2014). Spectral signatures of reorganised brain networks in disorders of consciousness. *PLoS Comput Biol*, 10(10), e1003887. doi:10.1371/journal.pcbi.1003887
- Chennu, S., Finoia, P., Kamau, E., Monti, M. M., Allanson, J., Pickard, J. D., . . . Bekinschtein, T. A. (2013). Dissociable endogenous and exogenous attention in disorders of consciousness. *Neuroimage Clin*, 3, 450-461. doi:10.1016/j.nicl.2013.10.008
- Chennu, S., Noreika, V., Gueorguiev, D., Blenkmann, A., Kochen, S., Ibanez, A., . . . Bekinschtein, T. A. (2013). Expectation and attention in hierarchical auditory prediction. *J Neurosci*, 33(27), 11194-11205. doi:10.1523/JNEUROSCI.0114-13.2013
- Cheung, B., Riedner, A., Tononi, G., & Van Veen, B. D. (2010). Estimation of Cortical Connectivity From EEG Using State-Space Models. *IEEE Transactions on Biomedical Engineering*, 57(9), 2122-2134. doi:10.1109/TBME.2010.2050319
- Chevalier, N., Kelsey, K. M., Wiebe, S. A., & Espy, K. A. (2014). The Temporal Dynamic of Response Inhibition in Early Childhood: An ERP Study of Partial and Successful Inhibition. *Developmental Neuropsychology*, 39(8), 585-599. doi:10.1080/87565641.2014.973497
- Chevalier, N., Martis, S. B., Curran, T., & Munakata, Y. (2015). Metacognitive Processes in Executive Control Development: The Case of Reactive and Proactive Control. *Journal of Cognitive Neuroscience*, 27(6), 1125-1136. doi:10.1162/jocn_a_00782
- Chica, A. B., Botta, F., LUPIÁÑEZ, J., & Bartolomeo, P. (2012). Spatial attention and conscious perception: interactions and dissociations between and within endogenous and exogenous processes. *Neuropsychologia*, 50, 621-629. doi:10.1016/j.neuropsychologia.2011.12.020
- Chica, A. B., Lasaponara, S., LUPIÁÑEZ, J., Doricchi, F., & Bartolomeo, P. (2010). Exogenous attention can capture perceptual consciousness: ERP and behavioural evidence. *NeuroImage*, 51, 1205-1212. doi:10.1016/j.neuroimage.2010.03.002
- Chi, P., Holmes, A. J., & Pizzagalli, D. A. (2008). Dissociable recruitment of rostral anterior cingulate and inferior frontal cortex in emotional response inhibition. *NeuroImage*, 42, 988-997. doi:10.1016/j.neuroimage.2008.04.248
- Cho, R. Y., Walker, C. P., Polizzotto, N. R., Wozny, T. A., Fissell, C., Chen, C.-M. A., &

Lewis, D. A. (2015). Development of sensory gamma oscillations and cross-frequency coupling from childhood to early adulthood. *Cerebral Cortex*, 25(6), 1509-1518.

Cho, R. Y., Walker, C. P., Polizzotto, N. R., Wozny, T. A., Fissell, C., Chen, C. M., & Lewis, D. A. (2013). Development of Sensory Gamma Oscillations and Cross-Frequency Coupling from Childhood to Early Adulthood. *Cereb Cortex*. doi:10.1093/cercor/bht341

Choi, E. J., Jang, K. M., & Kim, M. S. (2014). Electrophysiological correlates of local-global visual processing in college students with schizotypal traits: an event-related potential study. *Biol Psychol*, 96, 158-165. doi:10.1016/j.biopsycho.2013.12.015

Choudhury, N., & Benasich, A. A. (2011). Maturation of auditory evoked potentials from 6 to 48 months: Prediction to 3 and 4 year language and cognitive abilities. *Clinical Neurophysiology*, 122, 320-338. doi:10.1016/j.clinph.2010.05.035

Choudhury, N. A., Parascando, J. A., & Benasich, A. A. (2015). Effects of Presentation Rate and Attention on Auditory Discrimination: A Comparison of Long-Latency Auditory Evoked Potentials in School-Aged Children and Adults. *PLoS one*, 10(9), e0138160. doi:10.1371/journal.pone.0138160

Christiansen, M., Conway, C. M., & Onnis, L. (2012). Similar neural correlates for language and sequential learning: Evidence from event-related brain potentials. *Language and Cognitive Processes*, 27(2), 231-256. doi:10.1080/01690965.2011.606666

Christie, G., & Tata, M. S. (2009). Right frontal cortex generates reward-related theta-band oscillatory activity. *NeuroImage*, 48, 415-422. doi:10.1016/j.neuroimage.2009.06.076

Christie, G. J., Cook, C. M., Ward, B. J., Tata, M. S., Sutherland, J., Sutherland, R. J., & Saucier, D. M. (2013). Mental rotational ability is correlated with spatial but not verbal working memory performance and P300 amplitude in males. *PLoS one*, 8(2), e57390. doi:10.1371/journal.pone.0057390

Christou, A. I., Endo, S., Wallis, Y., Bair, H., Zeegers, M. P., & McCleery, J. P. (2015). Variation in serotonin transporter linked polymorphic region (5-HTTLPR) short/long genotype modulates resting frontal electroencephalography asymmetries in children. *Development and psychopathology*, 1-12. doi:<http://dx.doi.org/10.1017/S0954579415000413>

Chu, C. J. (2015). High density EEG-what do we have to lose? *Clin Neurophysiol*,

126(3), 433-434. doi:10.1016/j.clinph.2014.07.003

Chung, G., Tucker, D. M., West, P., Potts, G. F., Liotti, M., Luu, P., & Hartry-Speiser, A. L. (1996). Emotional expectancy: Brain electrical activity associated with an emotional bias in interpreting life events. *Psychophysiology*, 33(3), 218-233. doi:10.1111/j.1469-8986.1996.tb00419.x

Citron, F. M., Weekes, B. S., & Ferstl, E. C. (2013). Effects of valence and arousal on written word recognition: time course and ERP correlates. *Neurosci Lett*, 533, 90-95. doi:10.1016/j.neulet.2012.10.054

Clapp, W. C., Hamm, J. P., Kirk, I. J., & Teyler, T. J. (2012). Translating Long-Term Potentiation from Animals to Humans: A Novel Method for Noninvasive Assessment of Cortical Plasticity. *Biological Psychiatry*, 71(1), 496-502. doi:10.1016/j.biopsych.2011.08.021

Clapp, W. C., Johnson, B. W., & Hautus, M. J. (2007). Graded cue information in dichotic pitch: effects on event-related potentials. *NeuroReport*, 18(4), 365-368.

Clapp, W. C., Kirk, I. J., Hamm, J. P., Shepherd, D., & Teyler, T. J. (2005). Induction of LTP in the human auditory cortex by sensory stimulation. *European Journal of Neuroscience*, 22, 1135-1140. doi:10.1111/j.1460-9568.2005.04293.x

Classon, E., Rudner, M., Johansson, M., & Ronnberg, J. (2013). Early ERP Signature of Hearing Impairment in Visual Rhyme Judgment. *Front Psychol*, 4, 241. doi:10.3389/fpsyg.2013.00241

Clawson, A., Clayson, P. E., & Larson, M. J. (2013). Cognitive control adjustments and conflict adaptation in major depressive disorder. *Psychophysiology*, 50(8), 711-721. doi:10.1111/psyp.12066

Clawson, A., Clayson, P. E., South, M., Bigler, E. D., & Larson, M. J. (2013). An Electrophysiological Investigation of Interhemispheric Transfer Time in Children and Adolescents with High-Functioning Autism Spectrum Disorders. *J Autism Dev Disord*. doi:10.1007/s10803-013-1895-7

Clawson, A., Clayson, P. E., Worsham, W., Johnston, O., South, M., & Larson, M. J. (2014). How about watching others? Observation of error-related feedback by others in autism spectrum disorders. *Int J Psychophysiol*. doi:10.1016/j.ijpsycho.2014.01.009

Clayson, P. E., Baldwin, S. A., & Larson, M. J. (2013). How does noise affect amplitude and latency measurement of event-related potentials (ERPs)? A methodological critique and simulation study. *Psychophysiology*, 50(2), 174-186.

doi:10.1111/psyp.12001

Clayson, P. E., Clawson, A., & Larson, M. J. (2011). Sex differences in electrophysiological indices of conflict monitoring. *Biological Psychology*, 87, 282-289. doi:10.1016/j.biopsych.2011.03.011

Clayson, P. E., Clawson, A., & Larson, M. J. (2011). The effects of induced state negative affect on performance monitoring processes. *Social Cognitive and Affective Neuroscience*, 1-12. doi:10.1093/scan/nsr040

Clayson, P. E., & Larson, M. J. (2011). Conflict Adaptation and Sequential Trial Effects: Support for the Conflict Monitoring Theory. *Neuropsychologia*, 49(1), 1953-1961.

Clayson, P. E., & Larson, M. J. (2011). Effects of repetition priming on electrophysiological and behavioral indices of conflict adaptation and cognitive control. *Psychophysiology*, 48, 1621-1630. doi:10.1111/j.1469-8986.2011.01265

Clayson, P. E., & Larson, M. J. (2012). Cognitive performance and electrophysiological indices of cognitive control: a validation study of conflict adaptation. *Psychophysiology*, 49(5), 627-637. doi:10.1111/j.1469-8986.2011.01345.x

Clayson, P. E., & Larson, M. J. (2013). Psychometric properties of conflict monitoring and conflict adaptation indices: Response time and conflict N2 event-related potentials. *Psychophysiology*. doi:10.1111/psyp.12138

Clayson, P. E., & Larson, M. J. (2013). Adaptation to emotional conflict: evidence from a novel face emotion paradigm. *PloS one*, 8(9), e75776. doi:10.1371/journal.pone.0075776

Clemans, Z. A., El-Baz, A. S., Hollifield, M., & Sokhadze, E. M. (2012). Single trial time-frequency domain analysis of error processing in post-traumatic stress disorder. *Neuroscience letters*, 525(2), 105-110. doi:10.1016/j.neulet.2012.07.051

Clementz, B. A., Wang, J., & Keil, A. (2008). Normal electrocortical facilitation but abnormal target identification during visual sustained attention in schizophrenia. *Journal of Neuroscience*, 28(50), 13411-13418. doi:10.1523/JNEUROSCI.4095-08.2008

Coderre, E., Conklin, K., & Heuven, W. J. B. v. (2011). Electrophysiological measures of conflict detection and resolution in the Stroop task. *Brain Research*, 1413, 51-59. doi:10.1016/j.brainres.2011.07.017

Coffman, M. C., Anderson, L. C., Naples, A. J., & McPartland, J. C. (2013). Sex Differences in Social Perception in Children with ASD. *J Autism Dev Disord*.

doi:10.1007/s10803-013-2006-5

- Cohen, L., Dehaene, S., Naccache, L., Lehéricy, S., Dehaene-Lambertz, G., Henaff, M.-A., & Michel, F. (2000). The visual word form area: Spatial and temporal characterization of an initial stage of reading in normal subjects and posterior split-brain patients. *Brain*, 123, 291-307.
- Condray, R., Siegle, G., Keshavan, M. S., & Steinhauer, S. R. (2010). Effects of word frequency on semantic memory in schizophrenia: Electrophysiological evidence for a deficit in linguistic access. *International Journal of Psychophysiology*, 75, 141-156. doi:10.1016/j.ijpsycho.2009.10.010
- Cong, F., Leppanen, P. H. T., Astikainen, P., Härmäläinen, J. A., Hietanen, J. K., & Ristaniemi, T. (2011). Dimension reduction: Additional benefit of an optimal filter for independent component analysis to extract event-related potentials. *Journal of neuroscience Methods*, 201, 269-280.
- Conrey, B., Potts, G. F., & Niedzielski, N. A. (2005). Effects of dialect on merger perception: ERP and behavioral correlates. *Brain and Language*, 95, 435-449. doi:10.1016/j.bandl.2005.06.008
- Cordi, M. J., Hirsiger, S., Mérillat, S., & Rasch, B. (2015). Improving sleep and cognition by hypnotic suggestion in the elderly. *Neuropsychologia*, 69, 176-182.
- Cornejo, C., Simonetti, F., Ibanez, A., Aldunate, N., Ceric, F., Lopez, V., & Nunez, R. E. (2009). Gesture and metaphor comprehension: Electrophysiological evidence of cross-modal coordination by audiovisual stimulation. *Brain and cognition*, 70, 42-52. doi:10.1016/j.bandc.2008.12.005
- Cornish, K., Swainson, R., Cunnington, R., Wilding, J., Morris, P., & Jackson, G. (2004). Do women with fragile X syndrome have problems in switching attention: Preliminary findings from ERP and fMRI. *Brain and cognition*, 54, 235-239. doi:10.1016/j.bandc.2004.02.017
- Correa, Á., Lupiáñez, J., Madrid, E., & Tudela, P. (2006). Temporal attention enhances early visual processing: A review and new evidence from event-related potentials. *Brain Research*, 1076(1), 116-128. doi:10.1016/j.brainres.2005.11.074
- Correa, A., Molina, E., & Sanabria, D. (2014). Effects of chronotype and time of day on the vigilance decrement during simulated driving. *Accid Anal Prev*, 67, 113-118. doi:10.1016/j.aap.2014.02.020
- Corrigall, K. A., & Trainor, L. J. (2014). Enculturation to musical pitch structure in young children: evidence from behavioral and electrophysiological methods. *Dev Sci*,

17(1), 142-158. doi:10.1111/desc.12100

- Corrigan, N., Richards, T., Webb, S. J., Murias, M., Merkle, K., Kleinhans, N. M., . . . Dawson, G. (2009). An Investigation of the Relationship Between fMRI and ERP Source Localized Measurements of Brain Activity during Face Processing. *Brain Topography*, 22, 83-96. doi:10.1007/s10548-009-0086-5
- Cottereau, B., McKee, S., Ales, J. M., & Norcia, A. M. (2012). Disparity-specific spatial interactions: evidence from EEG source imaging. *The Journal of Neuroscience*, 32(3), 826-840. doi:10.1523/JNEUROSCI.2709-11.2012
- Cottereau, B. R., Ales, J. M., & Norcia, A. M. (2011). Increasing the accuracy of electromagnetic inverses using functional area source correlation constraints. *Human Brain Mapping*, IN PRESS. doi:10.1002/hbm.21394
- Cottereau, B. R., Ales, J. M., & Norcia, A. M. (2014). The evolution of a disparity decision in human visual cortex. *NeuroImage*, 92C, 193-206. doi:10.1016/j.neuroimage.2014.01.055
- Cottereau, B. R., McKee, S. P., Ales, J. M., & Norcia, A. M. (2011). Disparity-Tuned Population Responses from Human Visual Cortex. *The Journal of Neuroscience*, 31(3), 954-965. doi:10.1523/JNEUROSCI.3795-10.2011
- Cottereau, B. R., McKee, S. P., & Norcia, A. M. (2012). Bridging the gap: global disparity processing in the human visual cortex. *J Neurophysiol*, 107(9), 2421-2429. doi:10.1152/jn.01051.2011
- Cottereau, B. R., McKee, S. P., & Norcia, A. M. (2014). *Dynamics and cortical distribution of neural responses to 2D and 3D motion in human* (Vol. 111).
- Covey, T. J., Shucard, J. L., Violanti, J. M., Lee, J., & Shucard, D. W. (2013). The effects of exposure to traumatic stressors on inhibitory control in police officers: a dense electrode array study using a Go/NoGo continuous performance task. *Int J Psychophysiol*, 87(3), 363-375. doi:10.1016/j.ijpsycho.2013.03.009
- Cox, A., Kohls, G., Naples, A. J., Mukerji, C. E., Coffman, M. C., Rutherford, H. J., . . . McPartland, J. C. (2015). Diminished social reward anticipation in the broad autism phenotype as revealed by event-related brain potentials. *Social Cognitive and Affective Neuroscience*, nsv024. doi:10.1093/scan/nsv024
- Crowley, M. J., van Noordt, S. J., Wu, J., Hommer, R. E., South, M., Fearon, R. M., & Mayes, L. C. (2013). Reward feedback processing in children and adolescents: Medial frontal theta oscillations. *Brain Cogn.* doi:10.1016/j.bandc.2013.11.011

Crowley, M. J., Wu, J., Crutcher, C., Bailey, C. A., Lejuez, C., & Mayes, L. C. (2009).

Risk-taking and the feedback negativity response to loss among at-risk adolescents. *Dev Neuroscience*, 31(1-2), 137-148. doi:10.1159/000207501

Crowley, M. J., Wu, J., Hommer, R. E., South, M., Molfese, P. J., Fearon, R. M., & Mayes, L. C. (2013). A developmental study of the feedback-related negativity from 10-17 years: age and sex effects for reward versus non-reward. *Dev Neuropsychol*, 38(8), 595-612. doi:10.1080/87565641.2012.694512

Crowley, M. J., Wu, J., McCarty, E., David, D. H., Bailey, C. A., & Mayes, L. C. (2009). Exclusion and micro-rejection: event-related potential response predicts mitigated distress. *Cognitive Neuroscience and Neuropsychology*, 20(17), 1518-1522. doi:10.1097/WNR.0b013e328330377a

Crowley, M. J., Wu, J., McCreary, S., Miller, K., & Mayes, L. C. (2012). Implementation of false discovery rate for exploring novel paradigms and trait dimensions with ERPs. *Dev Neuropsychol*, 37(6), 559-577. doi:10.1080/87565641.2012.694513

Cruikshank, L., Caplan, J., & Singhal, A. (2012). Human electrophysiological reflections of the recruitment of perceptual processing during actions that engage memory. *Journal of Vision*, 12(6)(29), 1-13. doi:10.1167/12.6.29

Cruikshank, L. C., Caplan, J. B., & Singhal, A. (2014). A perception-based ERP reveals that the magnitude of delay matters for memory-guided reaching. *Exp Brain Res*, 232(7), 2087-2094. doi:10.1007/s00221-014-3897-x

Cruikshank, L. C., Singhal, A., Hueppelsheuser, M., & Caplan, J. B. (2012). Theta oscillations reflect a putative neural mechanism for human sensorimotor integration. *Journal of Neurophysiology*, 107(1), 65-77. doi:10.1152/jn.00893.2010

Cruse, D., Beukema, S., Chennu, S., Malins, J. G., Owen, A. M., & McRae, K. (2014). The reliability of the N400 in single subjects: Implications for patients with disorders of consciousness. *Neuroimage Clin*, 4, 788-799. doi:10.1016/j.nicl.2014.05.001

Cruse, D., Chennu, S., Chatelle, C., Bekinschtein, T. A., Fernandez-Espejo, D., Pickard, J. D., . . . Owen, A. M. (2011). Bedside detection of awareness in the vegetative state: a cohort study. *The Lancet*, 378, 2088-2094. doi:10.1016/S0140-6736(11)61224-5

Cruse, D., Chennu, S., Chatelle, C., Fernandez-Espejo, D., Bekinschtein, T. A., Pickard, J. D., . . . Owen, A. M. (2012). Relationship between etiology and covert cognition in the minimally conscious state. *Neurology*, 78(11), 816-822.

doi:10.1212/WNL.0b013e318249f764

Csibra, G., Davis, G., Spratling, M. W., & Johnson, M. H. (2000). Gamma oscillations and object processing in the infant brain. *Science*, 290(5496), 1582-1585.

Csibra, G., Johnson, M. H., & Tucker, L. A. (1997). Attention and oculomotor control: A high-density ERP study of the gap effect. *Neuropsychologia*, 35(6), 855-865.

Csibra, G., Tucker, L. A., & Johnson, M. H. (1998). Neural correlates of saccade planning in infants: A high-density ERP study. *International Journal of Psychophysiology*, 29, 201-215.

Csibra, G., Tucker, L. A., Volein, A., & Johnson, M. H. (2000). Cortical development and saccade planning: the ontogeny of the spike potential. *NeuroReport*, 11(5), 1069-1073.

Cui, F., & Lou, Y.-j. (2009). Facial Expression Processing of People with Different Empathic Abilities: An ERP Study. *Chinese Journal of Clinical Psychology*, 17(4), 390-393.

Cui, Y., Robinson, J. D., Engelmann, J. M., Lam, C. Y., Minnix, J. A., Karam-Hage, M., . . . Cinciripini, P. M. (2015). Reinforcement Sensitivity Underlying Treatment-Seeking Smokers' Affect, Smoking Reinforcement Motives, and Affective Responses. *Psychology of Addictive Behaviors*, 29(2), 300-311. Retrieved from <http://psycnet.apa.org/psycinfo/2015-03021-001/>

Cui, Y., Versace, F., Engelmann, J., Minnix, J., Robinson, J., Lam, C., . . . Cinciripini, P. (2012). Alpha Oscillations in Response to Affective and Cigarette-Related Stimuli in Smokers. *Nicotine & Tobacco Research, Advance Access*(Oct 11). doi:10.1093/ntr/nts209

Cui, Y., Versace, F., Engelmann, J. M., Minnix, J. A., Robinson, J. D., Lam, C. Y., . . . Cinciripini, P. M. (2013). Alpha oscillations in response to affective and cigarette-related stimuli in smokers. *Nicotine Tob Res*, 15(5), 917-924. doi:10.1093/ntr/nts209

Curran, T. (1999). The electrophysiology of incidental and intentional retrieval: erp old/new effects in lexical decision and recognition memory. *Neuropsychologia*, 37, 771-785.

Curran, T. (2000). Brain potentials of recollection and familiarity. *Memory and Cognition*, 28(6), 923-938.

Curran, T. (2004). Effects of attention and confidence on the hypothesized ERP

correlates of recollection and familiarity. *Neuropsychologia*, 42, 1088-1106.
doi:10.1016/j.neuropsychologia.2003.12.011

Curran, T., & Cleary, A. M. (2003). Using ERPs to dissociate recollection from familiarity in picture recognition. *Cognitive Brain Research*, 15, 191-205.

Curran, T., DeBuse, C., & Leynes, P. A. (2007). Conflict and criterion setting in recognition memory. *Learning*, 33(1), 2-17. doi:10.1037/0278-7393.33.1.2

Curran, T., DeBuse, C., Woroch, B. S., & Hirshman, E. (2006). Combined pharmacological and electrophysiological dissociation of familiarity and recollection. *Journal of Neuroscience*, 26(7), 1979-1985.
doi:10.1523/JNEUROSCI.5370-05.2006

Curran, T., & Dien, J. (2003). Differentiating amodal familiarity from modality-specific memory processes: An ERP study. *Psychophysiology*, 40, 979-988.
doi:10.1111/1469-8986.00116

Curran, T., & Doyle, J. (2011). Picture superiority doubly dissociates the erp correlates of recollection and familiarity. *Journal of Cognitive Neuroscience*, 23(5), 1247-1262.

Curran, T., & Friedman, W. J. (2003). Differentiating location-and distance-based processes in memory for time: An ERP study. *Psychonomic Bulletin & Review*, 10(3), 711-717.

Curran, T., & Friedman, W. J. (2004). ERP old/new effects at different retention intervals in recency discrimination tasks. *Cognitive Brain Research*, 18, 107-120.
doi:10.1016/j.cogbrainres.2003.09.006

Curran, T., Gibson, L., Horne, J. H., Young, B., & Bozell, A. P. (2009). Expert image analysts show enhanced visual processing in change detection. *Psychonomic Bulletin & Review*, 16(2), 390-397. doi:10.3758/PBR.16.2.390

Curran, T., & Hancock, J. (2007). The FN400 indexes familiarity-based recognition of faces. *NeuroImage*, 36, 464-471. doi:10.1016/j.neuroimage.2006.12.016

Curran, T., Hills, A., Patterson, M. B., & Strauss, M. E. (2001). Effects of aging on visuospatial attention: An ERP study. *Neuropsychologia*, 39, 288-301.

Curran, T., Schacter, D., Johnson, M. K., & Spinks, R. (2001). Brain potentials reflect behavioral differences in true and false recognition. *Journal of Cognitive Neuroscience*, 13(2), 201-216.

- Curran, T., Tucker, D. M., Kutas, M., & Posner, M. I. (1993). Topography of the N400: Brain electrical activity reflecting semantic expectancy. *Electroencephalography and Clinical Neurophysiology*, 88, 188-209.
- Custo, A., Vulliemoz, S., Grouiller, F., Van De Ville, D., & Michel, C. (2014). EEG source imaging of brain states using spatiotemporal regression. *NeuroImage*, 96, 106-116. doi:10.1016/j.neuroimage.2014.04.002
- Dafters, R., Duffy, F., O'Donnell, P. J., & Bouquet, C. (1999). Level of use of 3, 4-methylenedioxymethamphetamine (MDMA or Ecstasy) in humans correlates with EEG power and coherence. *Psychopharmacology*, 145, 82-90.
- Dai, J., Zhai, H., Wu, H., Yang, S., Cacioppo, J. T., Cacioppo, S., & Luo, Y. J. (2014). Maternal face processing in Mosuo preschool children. *Biol Psychol*, 99C, 69-76. doi:10.1016/j.biopsych.2014.03.001
- Dalla Volta, R., Fabbri-Destro, M., Gentilucci, M., & Avanzini, P. (2014). Spatiotemporal dynamics during processing of abstract and concrete verbs: an ERP study. *Neuropsychologia*, 61, 163-174. doi:10.1016/j.neuropsychologia.2014.06.019
- Dallas, A., DeDe, G., & Nicol, J. (2013). An Event-Related Potential (ERP) Investigation of Filler-Gap Processing in Native and Second Language Speakers. *Language Learning*, 63(4), 766-799. doi:10.1111/lang.12026
- Dan, O., & Raz, S. (2012). Adult attachment and emotional processing biases: an event-related potentials (ERPs) study. *Biol Psychol*, 91(2), 212-220. doi:10.1016/j.biopsych.2012.06.003
- Darque, A., Del Zotto, M., Khateb, A., & Pegna, A. J. (2012). Attentional Modulation of Early ERP Components in Response to Faces: Evidence From the Attentional Blink Paradigm. *Brain Topography*, 25, 167-181. doi:10.1007/s10548-011-0199-5
- Datta, A., Oser, N., Bechtel, N., & Weber, P. (2011). Epilepsy and Cognition in Childhood. *Epileptologie*, 28, 98-106.
- Datta, A. N., Oser, N., Ramelli, G. P., Gobbin, N. Z., Lantz, G., Penner, I. K., & Weber, P. (2013). BECTS evolving to Landau-Kleffner Syndrome and back by subsequent recovery: a longitudinal language reorganization case study using fMRI, source EEG, and neuropsychological testing. *Epilepsy Behav*, 27(1), 107-114. doi:10.1016/j.yebeh.2012.12.025
- Dawson, G., Carver, L. J., Meltzoff, A. N., Panagiotides, H., McPartland, J. C., & Webb, S. J. (2002). Neural correlates of face and object recognition in young children with autism spectrum disorder, developmental delay, and typical development.

Child Development, 73(3), 700-717.

Dawson, G., Jones, E. J., Merkle, K., Venema, K., Lowy, R., Faja, S., . . . Webb, S. J. (2012). Early behavioral intervention is associated with normalized brain activity in young children with autism. *J Am Acad Child Adolesc Psychiatry*, 51(11), 1150-1159. doi:10.1016/j.jaac.2012.08.018

Dawson, G., Webb, S. J., Carver, L. J., Panagiotides, H., & McPartland, J. C. (2004). Young children with autism show atypical brain responses to fearful versus neutral facial expressions of emotion. *Developmental Science*, 7(3), 340-359.

Dawson, G., Webb, S. J., Wijsman, E., Schellenberg, G., Estes, A., Munson, J., & Faja, S. (2005). Neurocognitive and electrophysiological evidence of altered face processing in parents of children with autism: Implications for a model of abnormal development of *Development and psychopathology*, 17, 679-697. doi:10.1017/S0954579405050327

Dayan, A., Berger, A., & Anholt, G. E. (2014). Enhanced action tendencies in high versus low obsessive-compulsive symptoms: An event-related potential study. *Psychiatry Research: Neuroimaging*, 224(2), 133-138. doi:<http://dx.doi.org/10.1016/j.pscychresns.2014.07.007>

de Haan, M., Belsky, J., Reid, V., Volein, A., & Johnson, M. H. (2004). Maternal personality and infants' neural and visual responsivity to facial expressions of emotion. *Journal of Child Psychology and Psychiatry*, 45(7), 1209-1218. doi:10.1111/j.1469-7610.2004.00320.x

de Klerk, C. C. J. M., Johnson, M. H., & Southgate, V. (2015). An EEG study on the somatotopic organisation of sensorimotor cortex activation during action execution and observation in infancy. *Developmental Cognitive Neuroscience*. doi:10.1016/j.dcn.2015.08.004

de Peralta Menendez, R., Murray, M. M., Michel, C. M., Martuzzi, R., & Andino, S. L. G. (2004). Electrical neuroimaging based on biophysical constraints. *NeuroImage*, 21, 527-539. doi:10.1016/j.neuroimage.2003.09.051

Debener, S., Kranczioch, C., Herrmann, C. S., & Engel, A. K. (2002). Auditory novelty oddball allows reliable distinction of top-down and bottom-up processes of attention. *International Journal of Psychophysiology*, 46(1), 77-84.

Decety, J., & Cacioppo, S. (2012). The speed of morality: a high-density electrical neuroimaging study. *J Neurophysiol*, 108(11), 3068-3072. doi:10.1152/jn.00473.2012

- Dehaene, S. (1996). The organization of brain activations in number comparison: Event-related potentials and the additive-factors method. *Journal of Cognitive Neuroscience*, 8(1), 47-68.
- Dehaene, S., Naccache, L., Le Clec'H, G., Koechlin, E., Mueller, M., Dehaene-Lambertz, G., . . . Bihan, D. L. (1998). Imaging unconscious semantic priming. *Nature*, 395, 597-600.
- Dehaene, S., Posner, M. I., & Tucker, D. M. (1994). Localization of a neural system for error detection and compensation. *Psychological Science*, 5(5), 303-305.
- Dehaene, S., Spelke, E. S., Pinel, P., Stanescu, R., & Tsivkin, S. (1999). Sources of mathematical thinking: Behavioral and brain-imaging evidence. *Science*, 284, 970-974. doi:10.1126/science.284.5416.970
- Dehaene-Lambertz, G. (1997). Electrophysiological correlates of categorical phoneme perception in adults. *NeuroReport*, 8(4), 919-924.
- Dehaene-Lambertz, G. (1998). A phonological representation in the infant brain. *NeuroReport*, 9(8), 1885-1888.
- Dehaene-Lambertz, G. (2000). Cerebral specialization for speech and non-speech stimuli in infants. *Journal of Cognitive Neuroscience*, 12(3), 449-460.
- Dehaene-Lambertz, G., & Dehaene, S. (1994). Speed and cerebral correlates of syllable discrimination in infants. *Nature*, 370, 292-295.
- Dehaene-Lambertz, G., Dupoux, E., & Gout, A. (2000). Electrophysiological correlates of phonological processing: a cross-linguistic study. *Journal of Cognitive Neuroscience*, 12(4), 635-647.
- Dehaene-Lambertz, G., & Gliga, T. (2004). Common neural basis for phoneme processing in infants and adults. *Journal of Cognitive Neuroscience*, 16(8), 1375-1387.
- Dehaene-Lambertz, G., & Pena, M. (2001). Electrophysiological evidence for automatic phonetic processing in neonates. *NeuroReport*, 12(14), 3155-3158.
- Del Felice, A., Arcaro, C., & Manganotti, P. (2015). 13. Cortical modularity breakdown in the epileptic brain. *Clinical Neurophysiology*, 126(1), e4.
- Del Felice, A., Arcaro, C., Storti, S. F., Fiaschi, A., & Manganotti, P. (2013). Electrical Source Imaging of Sleep Spindles. *Clin EEG Neurosci*. doi:10.1177/1550059413497716

- Del Felice, A., Arcaro, C., Storti, S. F., Fiaschi, A., & Manganotti, P. (2013). Slow spindles' cortical generators overlap with the epileptogenic zone in temporal epileptic patients: an electrical source imaging study. *Clin Neurophysiol*, 124(12), 2336-2344. doi:10.1016/j.clinph.2013.06.002
- Del Felice, A., Broggio, E., Valbusa, V., Gambina, G., Arcaro, C., & Manganotti, P. (2014). Transient epileptic amnesia mistaken for mild cognitive impairment? A high-density EEG study. *Epilepsy & Behavior*, 36(0), 41-46. doi:<http://dx.doi.org/10.1016/j.yebeh.2014.04.014>
- Del Felice, A., Foroni, R., Manganotti, P., Storti, S. F., Ricciardi, G. K., Bashat, D. B., . . . Nicolato, A. (2014). The use of electrical source imaging in targeting lesional mesial temporal epilepsy for radiosurgical treatment. *Epileptic Disorders*, 16(4), 528-532. doi:10.1684/epd.2014.0697
- Del Felice, A., Magalini, A., & Masiero, S. (2015). Slow-oscillatory Transcranial Direct Current Stimulation Modulates Memory in Temporal Lobe Epilepsy by Altering Sleep Spindle Generators: A Possible Rehabilitation Tool. *Brain Stimulation*. doi:10.1016/j.neuroscience.2010.01.019
- Del Felice, A., Storti, S. F., Formaggio, E., & Manganotti, P. (2015). Sleep brain networks and sleep depth during somatosensory stimulation. *Sleep Med*, 16(1), 202-204. doi:10.1016/j.sleep.2014.07.026
- Del Felice, A., Storti, S. F., & Manganotti, P. (2014). Sleep affects cortical source modularity in temporal lobe epilepsy: A high-density EEG study. *Clinical Neurophysiology*(0). doi:<http://dx.doi.org/10.1016/j.clinph.2014.12.003>
- Delorme, A., Beischel, J., Michel, L., Bocuzzi, M., Radin, D., & Mills, P. J. (2013). Electrocortical activity associated with subjective communication with the deceased. *Front Psychol*, 4, 834. doi:10.3389/fpsyg.2013.00834
- Deng, S., & Srinivasan, R. (2010). Semantic and acoustic analysis of speech by functional networks with distinct time scales. *Brain Research*, 1346, 132-144. doi:10.1016/j.brainres.2010.05.027
- Deng, S., Srinivasan, R., Lappas, T., & D'Zmura, M. (2010). EEG classification of imagined syllable rhythm using Hilbert spectrum methods. *Journal of Neural Engineering*, 7, 046006. doi:10.1088/1741-2560/7/4/046006
- Deng, S., Winter, W., Thorpe, S., & Srinivasan, R. (2012). Improved Surface Laplacian Estimates of Cortical Potential Using Realistic Models of Head Geometry. *IEEE Transactions on Biomedical Engineering*, 1-8. doi:TBME-00695-2011

- Dentico, D., Cheung, B. L., Chang, J. Y., Guokas, J., Boly, M., Tononi, G., & Van Veen, B. (2014). Reversal of cortical information flow during visual imagery as compared to visual perception. *NeuroImage*, 100, 237-243. doi:10.1016/j.neuroimage.2014.05.081
- Depue, B. E., Ketz, N., Mollison, M. V., Nyhus, E., Banich, M. T., & Curran, T. (2013). ERPs and Neural Oscillations during Volitional Suppression of Memory Retrieval. *J Cogn Neurosci*, 25(10), 1624-1633. doi:10.1162/jocn_a_00418
- Deveney, C. M., & Pizzagalli, D. A. (2008). The cognitive consequences of emotion regulation: An ERP investigation. *Psychophysiology*, 45, 435-444. doi:10.1111/j.1469-8986.2007.00641.x
- Diana, R., Vilberg, K. L., & Reder, L. M. (2005). Identifying the ERP correlate of a recognition memory search attempt. *Cognitive Brain Research*, 24, 674-684. doi:10.1016/j.cogbrainres.2005.04.001
- Diaz, B. A., Van Der Sluis, S., Moens, S., Benjamins, J. S., Migliorati, F., Stoffers, D., . . . Linkenkaer-Hansen, K. (2013). The Amsterdam Resting-State Questionnaire reveals multiple phenotypes of resting-state cognition. *Front Hum Neurosci*, 7, 446. doi:10.3389/fnhum.2013.00446
- Dien, J. (1998). Addressing misallocation of variance in principal components analysis of event-related potentials. *Brain Topography*, 11(1), 43-65.
- Dien, J. (1998). Issues in the application of the average reference: Review, critiques, and recommendations. *Behavior research methods, instruments & computers*, 30(1), 34-43.
- Dien, J. (1999). Differential lateralization of trait anxiety and trait fearfulness: Evoked potential correlates. *Personality and Individual Differences*, 26, 333-356.
- Dien, J., Brian, E. S., Molfese, D. L., & Gold, B. T. (2013). Combined ERP/fMRI evidence for early word recognition effects in the posterior inferior temporal gyrus. *Cortex*. doi:10.1016/j.cortex.2013.03.008
- Dien, J., Frishkoff, G. A., Cerbone, A., & Tucker, D. M. (2003). Parametric analysis of event-related potentials in semantic comprehension: evidence for parallel brain mechanisms. *Cognitive Brain Research*, 15(2), 137-153.
- Dien, J., Frishkoff, G. A., & Tucker, D. M. (2000). Differentiating the N3 and N4 electrophysiological semantic incongruity effects. *Brain and cognition*, 43(1-3), 148-152.

- Dien, J., Khoe, W., & Mangun, G. R. (2007). Evaluation of PCA and ICA of simulated ERPs: Promax vs. infomax rotations. *Human Brain Mapping*, 28, 742-763. doi:10.1002/hbm.20304
- Dien, J., Michelson, C., & Franklin, M. S. (2010). Separating the Visual Sentence N400 Effect from the P400 Sequential Expectancy Effect: Cognitive and Neuroanatomical Implications. *Brain Research*, 1355, 126-140. doi:10.1016/j.brainres.2010.07.099
- Dien, J., Spencer, K. M., & Donchin, E. (2003). Localization of the event-related potential novelty response as defined by principal components analysis. *Cognitive Brain Research*, 17, 637-650. doi:10.1016 / S0926-6410(03)00188-5
- Dien, J., Spencer, K. M., & Donchin, E. (2004). Parsing the late positive complex: Mental chronometry and the ERP components that inhabit the neighborhood of the P300. *Psychophysiology*, 41, 665-678. doi:10.1111/j.1469-8986.2004.00193.x
- Dien, J., Tucker, D. M., Potts, G. F., & Harry-Speiser, A. L. (1997). Localization of auditory evoked potentials related to selective intermodal attention. *Journal of Cognitive Neuroscience*, 9(6), 799-823.
- Dietz, J., Bradley, M. M., Jones, J., Okun, M. S., Perlstein, W. M., & Bowers, D. (2013). The late positive potential, emotion and apathy in Parkinson's disease. *Neuropsychologia*, 51(5), 960-966. doi:10.1016/j.neuropsychologia.2013.01.001
- Ding, L., & Yuan, H. (2011). Simultaneous EEG and MEG source reconstruction in sparse electromagnetic source imaging. *Human Brain Mapping*, 0, IN PRESS. doi:10.1002/hbm.21473
- Dishman, R., Thom, N., Puetz, T., O'Connor, P. J., & Clementz, B. A. (2010). Effects of cycling exercise on vigor, fatigue, and electroencephalographic activity among young adults who report persistent fatigue. *Psychophysiology*, 47, 1066-1074. doi:10.1111/j.1469-8986.2010.01014.x
- Dodel, S., Cohn, J., Mersmann, J., Luu, P., Forsythe, C., & Jirsa, V. (2011). Brain Signatures of Team Performance. *Foundations of Augmented Cognition. Directing the Future of Adaptive Systems*, HCII 2011(LNAI 6780), 288-297.
- Doi, H., & Shinohara, K. (2013). Unconscious Presentation of Fearful Face Modulates Electrophysiological Responses to Emotional Prosody. *Cereb Cortex*. doi:10.1093/cercor/bht282

- Dong, G., Hu, Y., Lu, Q., & Wu, H. (2010). The presentation order of cue and target matters in deception study. *Behavioral and Brain Functions*, 6(63), 1-9.
- Dong, G., Hu, Y., & Zhou, H. (2010). Event-related potential measures of the intending process: Time course and related ERP components. *Behavioral and Brain Functions*, 6(15), 1-7.
- Dong, G., Lu, Q., Zhou, H., & Zhao, X. (2010). Impulse inhibition in people with Internet addiction disorder: electrophysiological evidence from a Go/NoGo study. *Neuroscience letters*, 485, 138-142.
- Dong, G., & Lu, S. (2010). The relation of expression recognition and affective experience in facial expression processing: an event-related potential study. *Psychology Research and Behavior Management*, 3, 65-74.
- Dong, G., Wu, H., & Lu, Q. (2010). Attempting to hide our real thoughts: Electrophysiological evidence from truthful and deceptive responses during evaluation. *Neuroscience letters*, 479, 1-5. doi:10.1016/j.neulet.2010.05.014
- Dong, G., Yang, L., & Shen, Y. (2009). The course of visual searching to a target in a fixed location: electrophysiological evidence from an emotional flanker task. *Neuroscience letters*, 460, 1-5. doi:10.1016/j.neulet.2009.05.025
- Dong, G., Zhou, H., Zhao, X., & Lu, Q. (2011). Early negativity bias occurring prior to experiencing of emotion: An ERP study. *Journal of Psychophysiology*, 25(1), 9-17. doi:10.1027/0269-8803/a000027
- Dong, G., Zhou, H., Zhao, X., & Lu, Q. (2015). Early negativity bias occurring prior to experiencing of emotion. *Journal of Psychophysiology*, 25(1). doi:10.1027/0269-8803/a000027
- Doran, M., & Hoffman, J. E. (2010). The role of visual attention in multiple object tracking: Evidence from ERPs. *Attention, Perception, & Psychophysics*, 72(1), 33-52. doi:10.3758/APP.72.1.33
- Dotan Ben-Soussan, T., Glicksohn, J., Goldstein, A., Berkovich-Ohana, A., & Donchin, O. (2013). Into the square and out of the box: the effects of Quadrato Motor Training on creativity and alpha coherence. *PloS one*, 8(1), e55023. doi:10.1371/journal.pone.0055023
- Douglas, P. K., Lau, E., Anderson, A., Head, A., Kerr, W., Wollner, M., . . . Cohen, M. S. (2013). Single trial decoding of belief decision making from EEG and fMRI data using independent components features. *Front Hum Neurosci*, 7, 392. doi:10.3389/fnhum.2013.00392

- Douglas, P. K., Pisani, M., Reid, R., Head, A., Lau, E., Mirakhori, E., . . . Cohen, M. S. (2014). Method for simultaneous fMRI/EEG data collection during a focused attention suggestion for differential thermal sensation. *J Vis Exp*(83), e3298. doi:10.3791/3298
- Dowdall, J. R., Luczak, A., & Tata, M. S. (2012). Temporal variability of the N2pc during efficient and inefficient visual search. *Neuropsychologia*, 50(10), 2442-2453. doi:10.1016/j.neuropsychologia.2012.06.015
- Dube, C., Payne, L., Sekuler, R., & Rotello, C. M. (2013). Paying attention to attention in recognition memory: insights from models and electrophysiology. *Psychol Sci*, 24(12), 2398-2408. doi:10.1177/0956797613492426
- Dubois, J., Dehaene-Lambertz, G., Soares, C., Cointepas, Y., Bihan, D. L., & Hertz-Pannier, L. (2008). Microstructural correlates of infant functional development: example of the visual pathways. *Journal of Neuroscience*, 28(8), 1943-1948. doi:10.1523/JNEUROSCI.5145-07.2008
- Ducommun, C., Murray, M. M., Thut, G., Bellmann, A., Viaud-Delmon, I., Clarke, S., & Michel, C. M. (2002). Segregated processing of auditory motion and auditory location: an ERP mapping study. *NeuroImage*, 16, 76-88. doi:10.1006/nimg.2002.1062
- Dufey, M., Hurtado, E., Fernandez, A. M., Manes, F. F., & Ibanez, A. (2011). Exploring the relationship between vagal tone and event-related potentials in response to an affective picture task. *Social Neuroscience*, 6(1), 48-62. doi:10.1080/17470911003691402
- Duffy, F. H., Eksioglu, Y. Z., Rotenberg, A., Madsen, J. R., Shankardass, A., & Als, H. (2013). The frequency modulated auditory evoked response (FMAER), a technical advance for study of childhood language disorders: cortical source localization and selected case studies. *BMC Neurol*, 13, 12. doi:10.1186/1471-2377-13-12
- Duhong, P., Jian, C., & Hongtao, W. (2011). The ERP Detection of Mental Arithmetic Strategies. *Advanced Materials Research*, 301-303, 834-839. doi:10.4028/www.scientific.net/AMR.301-303.834
- Duncan Milne, R., Hamm, J. P., Kirk, I. J., & Corballis, M. C. (2003). Anterior-posterior beta asymmetries in dyslexia during lexical decisions. *Brain and Language*, 84, 309-317. doi:10.1016/S0093-934X(02)00557-6
- Eberhard-Moscicka, A. K., Jost, L. B., Raith, M., & Maurer, U. (2015). Neurocognitive

mechanisms of learning to read: print tuning in beginning readers related to word-reading fluency and semantics but not phonology. *Developmental Science*, 18(1), 106-118.

Egidi, G., & Nusbaum, H. C. (2012). Emotional language processing: How mood affects integration processes during discourse comprehension. *Brain and Language*, IN PRESS. doi:10.1016/j.bandl.2011.12.008

Eldridge, J., Lane, A. E., Belkin, M., & Dennis, S. (2014). Robust features for the automatic identification

of autism spectrum disorder in children. *J. Neurodevelopmental Disorders*, 6(12). doi:doi:10.1186/1866-1955-6-12

Elmer, S., Klein, C., Kühnis, J., Liem, F., Meyer, M., & Jäncke, L. (2014). Music and Language Expertise Influence the Categorization of Speech and Musical Sounds: Behavioral and Electrophysiological Measurements. *Journal of Cognitive Neuroscience*, 26(10), 2356-2369. doi:10.1162/jocn_a_00632

Elmer, S., Sollberger, S., Meyer, M., & Jancke, L. (2013). An empirical reevaluation of absolute pitch: behavioral and electrophysiological measurements. *J Cogn Neurosci*, 25(10), 1736-1753. doi:10.1162/jocn_a_00410

Elsabbagh, M., Holmboe, K., Gliga, T., Mercure, E., Hudry, K., Charman, T., . . . Johnson, M. H. (2011). Social and attention factors during infancy and the later emergence of autism characteristics. *Progress in Brain Research*, 189(Chpt. 11), 195-207. doi:10.1016/B978-0-444-53884-0.00025-7

Elsabbagh, M., Mercure, E., Hudry, K., Chandler, S., Pasco, G., Charman, T., . . . Johnson, M. H. (2012). Infant Neural Sensitivity to Dynamic Eye Gaze Is Associated with Later Emerging Autism. *Current Biology*, 22, 338-342. doi:10.1016/j.cub.2011.12.056

Elsabbagh, M., Volein, A., Csibra, G., Holmboe, K., Garwood, H., Tucker, L. A., . . . Johnson, M. H. (2009). Neural correlates of eye gaze processing in the infant broader autism phenotype. *Biological Psychiatry*, 65, 31-38. doi:10.1016/j.biopsych.2008.09.034

Endress, A., Dehaene-Lambertz, G., & Mehler, J. (2007). Perceptual constraints and the learnability of simple grammars. *Cognition*, 105, 577-614. doi:10.1016/j.cognition.2006.12.014

Epstein, B., Hestvik, A., Shafer, V. L., & Schwartz, R. G. (2013). ERPs reveal atypical processing of subject versus object Wh-questions in children with specific

language impairment. *International Journal of Language & Communication Disorders*, n/a-n/a. doi:10.1111/1460-6984.12009

Erakannas, A. (2009). The effects of long-term native language exposure on event-related potential (ERP) components N1 and MMN in typically reading adults. *University of Jyväskylä*, 1-70.

Erickson, C. A., Wink, L. K., & Schaefer, T. L. (2015).

Escobar, M. J., Huepe, D., Decety, J., Sedeno, L., Messow, M. K., Baez, S., . . . Ibanez, A. (2014). Brain signatures of moral sensitivity in adolescents with early social deprivation. *Sci Rep*, 4, 5354. doi:10.1038/srep05354

Escobar, M. J., Rivera-Rei, A., Decety, J., Huepe, D., Cardona, J. F., Canales-Johnson, A., . . . Ibanez, A. (2013). Attachment patterns trigger differential neural signature of emotional processing in adolescents. *PLoS one*, 8(8), e70247. doi:10.1371/journal.pone.0070247

Espinet, S. D., Anderson, J. E., & Zelazo, P. D. (2012). Reflection training improves executive function in preschool-age children: Behavioral and neural effects. *Developmental Cognitive Neuroscience*. doi:10.1016/j.dcn.2012.11.009

Esposito, G., Valenzi, S., Islam, T., Mash, C., & Bornstein, M. (2015). Immediate and selective maternal brain responses to own infant faces. *Behavioural Brain Research*, 278, 40-43.

Esser, S., Hill, S., & Tononi, G. (2007). Sleep homeostasis and cortical synchronization: I. Modeling the effects of synaptic strength on sleep slow waves. *Sleep*, 30(12), 1617-1630.

Ethier, A.-A., Lippé, S., Mérouani, A., Lassonde, M., & Saint-Amour, D. (2012). Reversible Visual Evoked Potential Abnormalities in Uremic Children. *Pediatric neurology*, 46(6), 390-392. doi:10.1016/j.pediatrneurol.2012.02.033

Ethridge, L., Moratti, S., Gao, Y., Keil, A., & Clementz, B. A. (2011). Sustained versus transient brain responses in schizophrenia: the role of intrinsic neural activity. *Schizophrenia Research*, 133(1-3), 106-111. doi:10.1016/j.schres.2011.07.016

Evren Güler, O., Hostinar, C. E., Frenn, K. A., Nelson, C. A., Gunnar, M. R., & Thomas, K. M. (2012). Electrophysiological evidence of altered memory processing in children experiencing early deprivation. *Developmental Science*, 15(3), 345-358. doi:10.1111/j.1467-7687.2011.01131.x

Fabbri-Destro, M., Avanzini, P., De Stefani, E., Innocenti, A., Campi, C., & Gentilucci, M.

(2014). Interaction Between Words and Symbolic Gestures as Revealed By N400. *Brain Topography*, 1-15. doi:10.1007/s10548-014-0392-4

Fadlallah, B., Chen, B., Keil, A., & Príncipe, J. (2013). Weighted-permutation entropy: A complexity measure for time series incorporating amplitude information. *Physical Review E*, 87(2). doi:10.1103/PhysRevE.87.022911

Fagard, J., Sirri, L., & Rama, P. (2014). Effect of handedness on the occurrence of semantic N400 priming effect in 18- and 24-month-old children. *Front Psychol*, 5, 355. doi:10.3389/fpsyg.2014.00355

Fahle, M., Quenzer, T., Braun, C., & Spang, K. (2003). Feature-specific electrophysiological correlates of texture segregation. *Vision Research*, 43, 7-19.

Faja, S., Webb, S. J., Jones, E., Merkle, K., Kamara, D., Bavaro, J., . . . Dawson, G. (2012). The Effects of Face Expertise Training on the Behavioral Performance and Brain Activity of Adults with High Functioning Autism Spectrum Disorders. *Journal of autism and developmental disorders*, 42, 278-293. doi:10.1007/s10803-011-1243-8

Fallon, N., Li, X., & Stancak, A. (2015). Pain Catastrophising Affects Cortical Responses to Viewing Pain in Others. *PloS one*, 10(7), e0133504. Retrieved from <http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0133504&representation=PDF>

Fan, J., Kolster, R., Ghajar, J., Suh, M., Knight, R. T., Sarkar, R., & McCandliss, B. D. (2007). Response anticipation and response conflict: An event-related potential and functional magnetic resonance imaging study. *Journal of Neuroscience*, 27(9), 2272-2282. doi:10.1523/JNEUROSCI.3470-06.2007

Farbiash, T., & Berger, A. (in press). Brain and behavioral inhibitory control of kindergartners facing negative emotions. *Developmental Science*.

Farroni, T., Csibra, G., Simion, F., & Johnson, M. H. (2002). Eye contact detection in humans from birth. *Proceedings of the National Academy of Sciences of the United States of America*, 99(14), 9602-9605.

Farroni, T., Johnson, M. H., & Csibra, G. (2004). Mechanisms of eye gaze perception during infancy. *Journal of Cognitive Neuroscience*, 16(8), 1320-1326.

Farzin, F., Hou, C., & Norcia, A. M. (2012). Piecing it together: Infants' neural responses to face and object structure. *J Vis*, 12(13). doi:10.1167/12.13.6

Faugeras, F., Rohaut, B., Weiss, N., Bekinschtein, T. A., Galanaud, D., Puybasset, L., .

. . Naccache, L. (2011). Probing consciousness with event-related potentials in the vegetative state. *Neurology*, 77(1-1), 1-7. doi: 10.1212/WNL.0b013e3182217ee8

Faugeras, F., Rohaut, B., Weiss, N., Bekinschtein, T. A., Galanaud, D., Puybasset, L., . . Naccache, L. (2012). Event related potentials elicited by violations of auditory regularities in patients with impaired consciousness. *Neuropsychologia*, 50, 403-418.

Feng, R., Hu, J., Pan, L., Wu, J., Lang, L., Jiang, S., . . Zhou, L. (2015). Application of 256-channel dense array electroencephalographic source imaging in presurgical workup of temporal lobe epilepsy. *Clin Neurophysiol*. doi:10.1016/j.clinph.2015.03.009

Feng, R., Hu, J., Pan, L., Wu, J., Lang, L., Jiang, S., . . Zhou, L. (in press). Application of 256-channel dense array electroencephalographic source imaging in presurgical workup of temporal lobe epilepsy. *Clinical Neurophysiology*. doi:10.1016/j.clinph.2015.03.009

Ferguson, M., & Molfese, P. J. (2007). Breast-Fed Infants Process Speech Differently From Bottle-Fed Infants: Evidence From Neuroelectrophysiology. *Developmental Neuropsychology*, 31(3), 337-347.

Fernández-Corazza, M., Ellenrieder, N., & Muravchik, C. (2015). Linearly constrained minimum variance spatial filtering for localization of conductivity changes in electrical impedance tomography. *International Journal for Numerical Methods in Biomedical Engineering*, 31(2).

Ferrarelli, F., Huber, R., & Peterson, M. J. (2007). Reduced sleep spindle activity in schizophrenia patients. *American Journal of Psychiatry*, 164, 483-492.

Ferrarelli, F., Smith, R., Dentico, D., Riedner, B. A., Zennig, C., Benca, R. M., . . Tononi, G. (2013). Experienced Mindfulness Meditators Exhibit Higher Parietal-Occipital EEG Gamma Activity during NREM Sleep. *PloS one*, 8(8), e73417. doi:10.1371/journal.pone.0073417

Ferrari, V., Bradley, M. M., Codispoti, M., Karlsson, M., & Lang, P. J. (2012). Repetition and brain potentials when recognizing natural scenes: Task and emotion differences. *Social Cognitive and Affective Neuroscience Advance Access, July 25, 2012*

Ferrari, V., Bradley, M. M., Codispoti, M., & Lang, P. J. (2010). Detecting novelty and significance. *Journal of Cognitive Neuroscience*, 22(2), 404-411.

- Ferrari, V., Bradley, M. M., Codispoti, M., & Lang, P. J. (2011). Repetitive exposure: Brain and reflex measures of emotion and attention. *Psychophysiology*, 48(1), 515-522. doi:10.1111/j.1469-8986.2010.01083
- Ferrari, V., Bradley, M. M., Codispoti, M., & Lang, P. J. (2015). Massed and distributed repetition of natural scenes: Brain potentials and oscillatory activity. *Psychophysiology*, 52, 865–872. doi:10.1111/psyp.12424
- Ferree, T., Eriksen, K. J., & Tucker, D. M. (2000). Regional head tissue conductivity estimation for improved EEG analysis. *IEEE Transactions on Biomedical Engineering*, 47(12), 1584-1592.
- Ferree, T., & Hwa, R. C. (2005). Electrophysiological measures of acute cerebral ischaemia. *Physics in Medicine and Biology*, 50, 3927-3939. doi:10.1088/0031-9155/50/17/001
- Ferree, T., Luu, P., Russell, G. S., & Tucker, D. M. (2001). Scalp electrode impedance, infection risk, and EEG data quality. *Clinical Neurophysiology*, 112(3), 536-544.
- Ferree, T., & Tucker, D. M. (1999). Development of high-resolution EEG devices. *International Journal of Bioelectromagnetism*, 1(1), 1-6.
- Ferri, R., Huber, R., Aricñ, D., Drago, V., Rundo, F., Ghilardi, M. F., . . . Tononi, G. (2008). The slow-wave components of the cyclic alternating pattern (CAP) have a role in sleep-related learning processes. *Neuroscience letters*, 432(3), 228-231. doi:10.1016/j.neulet.2007.12.025
- Fesi, J. D., Thomas, A. L., & Gilmore, R. O. (2014). Cortical responses to optic flow and motion contrast across patterns and speeds. *Vision Res*, 100, 56-71. doi:10.1016/j.visres.2014.04.004
- Fesi, J. D., Yannes, M. P., Brinckman, D. D., Norcia, A. M., Ales, J. M., & Gilmore, R. O. (2011). Distinct cortical responses to 2D figures defined by motion contrast. *Vision Research*, 51, 2110-2120.
- Fifer, W. P., Grieve, P. G., Grose-Fifer, J., Isler, J. R., & Byrd, D. (2006). High-density electroencephalogram monitoring in the neonate. *Clinics in perinatology*, 33(3), 679-691. doi:10.1016/j.clp.2006.06.011
- Finke, S., Gulrajani, R., Gotman, J., & Savard, P. (2012). Conventional and Reciprocal Approaches to the Inverse Dipole Localization Problem for N 20-P 20 Somatosensory Evoked Potentials. *Brain Topography*, 1-22. doi:10.1007/s10548-012-0238-x

Finke, S., Gulrajani, R. M., Gotman, J., & Savard, P. (2013). Conventional and reciprocal approaches to the inverse dipole localization problem for N(20)-P (20) somatosensory evoked potentials. *Brain Topogr*, 26(1), 24-34.
doi:10.1007/s10548-012-0238-x

Fishburn, F. A., Norr, M. E., Medvedev, A. V., & Vaidya, C. J. (2014). Sensitivity of fNIRS to cognitive state and load. *Front Hum Neurosci*, 8, 76.
doi:10.3389/fnhum.2014.00076

Fishman, I., & Ng, R. (2013). Error-related brain activity in extraverts: evidence for altered response monitoring in social context. *Biol Psychol*, 93(1), 225-230.
doi:10.1016/j.biopsych.2013.02.010

Fishman, I., Ng, R., & Bellugi, U. (2011). Neural processing of race by individuals with Williams syndrome: Do they show the other-race effect?(And why it matters). *Social Neuroscience*, 1, 1-12.
doi:<http://dx.doi.org/10.1080/17470919.2011.628759>

Fishman, I., Ng, R., & Bellugi, U. (2011). Do extraverts process social stimuli differently from introverts? *Cognitive Neuroscience*, 2(2), 67-73.
doi:10.1080/17588928.2010.527434

Fitzpatrick, P., Mitchell, T., Frazier, J., Cochran, D., Coleman, C., & Schmidt, R. (2015). *Exploring the Behavioral and Neural Processes Underlying Social Synchronization of Individuals With and Without Social Deficits*. Paper presented at the Studies in Perception and Action XIII: Eighteenth International Conference on Perception and Action.

Fitzroy, A. B., & Sanders, L. D. (2015). Musical Meter Modulates the Allocation of Attention across Time. *Journal of Cognitive Neuroscience*, 1.

Flaisch, T., Häcker, F., Renner, B., & Schupp, H. T. (2011). Emotion and the processing of symbolic gestures: an event-related brain potential study. *Social Cognitive and Affective Neuroscience*, 6(1), 109-118.

Flaisch, T., Junghofer, M., Bradley, M. M., Schupp, H. T., & Lang, P. J. (2008). Rapid picture processing: Affective primes and targets. *Psychophysiology*, 45, 1-10.
doi:10.1111/j.1469-8986.2007.00600.x

Flaisch, T., & Schupp, H. T. (2012). Tracing the time course of emotion perception: The impact of stimulus physics and semantics on gesture processing. *Social Cognitive and Affective Neuroscience*, July 13, 2012.

Flaisch, T., Schupp, H. T., Renner, B., & Junghofer, M. (2009). Neural systems of visual

attention responding to emotional gestures. *NeuroImage*, 45, 1339-1346.
doi:10.1016/j.neuroimage.2008.12.073

Flaisch, T., Stockburger, J., & Schupp, H. T. (2008). Affective prime and target picture processing: an ERP analysis of early and late interference effects. *Brain Topography*, 20, 183-191. doi:10.1007/s10548-008-0045-6

Folland, N. A., Butler, B. E., Payne, J. E., & Trainor, L. J. (2015). Cortical Representations Sensitive to the Number of Perceived Auditory Objects Emerge between 2 and 4 Months of Age: Electrophysiological Evidence. *Journal of Cognitive Neuroscience*, 27(5), 1060-1067. doi:10.1162/jocn_a_00764

Fonteneau, E., & Lely, H. K. J. v. d. (2008). Electrical brain responses in language-impaired children reveal grammar-specific deficits. *PloS one*, 3(3), e1832. doi:10.1371/journal.pone.0001832

Forget, J., Buiatti, M., & Dehaene, S. (2010). Temporal integration in visual word recognition. *Journal of Cognitive Neuroscience*, 22(5), 1054-1068.

Francuz, P., & Zabielska-Mendyk, E. (2013). Does the Brain Differentiate Between Related and Unrelated Cuts When Processing Audiovisual Messages? An ERP Study. *Media Psychology*, 16(4), 461-475. doi:10.1080/15213269.2013.831394

Francuz, P., & Zapala, D. (2011). The suppression of the [mu] rhythm during the creation of imagery representation of movement. *Neuroscience letters*, 495, 39-43. doi:10.1016/j.neulet.2011.03.031

Frank, R. M., & Frishkoff, G. A. (2007). Automated protocol for evaluation of electromagnetic component separation (APECS): Application of a framework for evaluating statistical methods of blink extraction from multichannel EEG. *Clinical Neurophysiology*, 118(1), 80-97. doi:10.1016/j.clinph.2006.07.317

Frank, R. M., Woroch, B. S., & Curran, T. (2005). Error-related negativity predicts reinforcement learning and conflict biases. *Neuron*, 47, 495-501. doi:10.1016/j.neuron.2005.06.020

Frankle, W., Cho, R., Mason, N., Chen, C.-M., Himes, M., Walker, C., . . . Narendran, R. (2012). [11C] flumazenil Binding Is Increased in a Dose-Dependent Manner with Tiagabine-Induced Elevations in GABA Levels. *PloS one*, 7(2), e32443. doi:10.1371/journal.pone.0032443

Frankle, W. G., Cho, R. Y., Narendran, R., Mason, N. S., Vora, S., Litschge, M., . . . Mathis, C. A. (2008). Tiagabine Increases [11C] flumazenil Binding in Cortical Brain Regions in Healthy Control Subjects. *Neuropsychopharmacology*,

34(3), 624-633. doi:10.1038/npp.2008.104

Franklin, M. S., Dien, J., Neely, J., Huber, E., & Waterson, L. D. (2007). Semantic priming modulates the N400, N300, and N400RP. *Clinical Neurophysiology*, 118, 1053-1068. doi:10.1016/j.clinph.2007.01.012

Freeman, W. J. (2004). Origin, structure, and role of background EEG Activity. Part 1. Analytic amplitude. *Clinical Neurophysiology*, 115, 2077-2088. doi:10.1016/j.clinph.2004.02.029

Freeman, W. J. (2004). Origin, structure, and role of background EEG activity. Part 2. Analytic phase. *Clinical Neurophysiology*, 115(9), 2089-2107. doi:10.1016/j.clinph.2004.02.028

Frenkel, T. I., & Bar-Haim, Y. (2011). Neural activation during the processing of ambiguous fearful facial expressions: An ERP study in anxious and nonanxious individuals. *Biological Psychology*, 88, 188-195. doi:10.1016/j.biopsych.2011.08.001

Frishkoff, G. A., Perfetti, C. A., & Westbury, C. (2009). ERP measures of partial semantic knowledge: Left temporal indices of skill differences and lexical quality. *Biological Psychology*, 80, 130-147. doi:10.1016/j.biopsych.2008.04.017

Frishkoff, G. A., Tucker, D. M., Davey, C., & Scherg, M. (2004). Frontal and posterior sources of event-related potentials in semantic comprehension. *Cognitive Brain Research*, 20, 329-354. doi:10.1016/j.cogbrainres.2004.02.009

Frohlich, J., Irimia, A., & Jeste, S. S. (2015). Trajectory of frequency stability in typical development. *Brain Imaging and Behavior*, 9(1), 5-18.

Fudali-Czyz, A., & Francuz, P. (2012). Poznawcze uwarunkowania zjawiska "Pustego Patrzenia". Badania FRP. *The Polish Journal of Aviation Medicine and Psychology*, 4(18), 7-26.

Fudali-Czyż, A., Francuz, P., & Augustynowicz, P. (2014). Determinants of attentive blank stares. An EFRP study. *Consciousness and Cognition*, 29(0), 1-9. doi:<http://dx.doi.org/10.1016/j.concog.2014.07.008>

Fujioka, T., Mourad, N., He, C., & Trainor, L. J. (2011). Comparison of artifact correction methods for infant EEG applied to extraction of event-related potential signals. *Clinical Neurophysiology*, 122(1), 43-51. doi:10.1016/j.clinph.2010.04.036

Fujita, T., Kamio, Y., Yamasaki, T., Yasumoto, S., Hirose, S., & Tobimatsu, S. (2013). Altered automatic face processing in individuals with high-functioning autism

spectrum disorders: Evidence from visual evoked potentials. *Research in Autism Spectrum Disorders*, 7(6), 710-720. doi:10.1016/j.rasd.2013.03.001

Fujita, T., Yamasaki, T., Kamio, Y., Hirose, S., & Tobimatsu, S. (2011). Parvocellular pathway impairment in autism spectrum disorder: Evidence from visual evoked potentials. *Research in Autism Spectrum Disorders*, 5, 277-285. doi:10.1016/j.rasd.2010.04.009

Fukushima, H., Hirai, M., Arita, A., Kamewari, K., & Hiraki, K. (2004). Neural dynamics in human imitation revealed by ERP surface topography. *NeuroReport*, 15(13), 2129-2132.

Funderud, I., Lindgren, M., Lovstad, M., Endestad, T., Voytek, B., Knight, R. T., & Solbakk, A. K. (2012). Differential Go/NoGo activity in both contingent negative variation and spectral power. *PloS one*, 7(10), e48504. doi:10.1371/journal.pone.0048504

Funderud, I., Lovstad, M., Lindgren, M., Endestad, T., Due-Tonnessen, P., Meling, T. R., . . . Solbakk, A. K. (2013). Preparatory attention after lesions to the lateral or orbital prefrontal cortex--an event-related potentials study. *Brain Res*, 1527, 174-188. doi:10.1016/j.brainres.2013.06.017

Gabard-Durnam, L., Tierney, A. L., Vogel-Farley, V., Tager-Flusberg, H., & Nelson, C. A. (2013). Alpha Asymmetry in Infants at Risk for Autism Spectrum Disorders. *J Autism Dev Disord*. doi:10.1007/s10803-013-1926-4

Galazzo, I. B., Storti, S. F., Del Felice, A., Pizzini, F. B., Arcaro, C., Formaggio, E., . . . Manganotti, P. (2015). Patient-Specific Detection of Cerebral Blood Flow Alterations as Assessed by Arterial Spin Labeling in Drug-Resistant Epileptic Patients. *PloS one*, 10(5), e0123975. doi:10.1371/journal.pone.0123975

Galgano, J., & Froud, K. (2008). Evidence of the voice-related cortical potential: An electroencephalographic study. *NeuroImage*, 41, 1313-1323. doi:10.1016/j.neuroimage.2008.03.019

Galiza, C., Kakavouli, A., SOBOL, J., Grieve, P., & Sun, L. (2007). EEG Pattern and Neurological Deficits in Neonates Having Cardiac Surgery. *Anesthesiology*, 107, A205.

Gandhi, T., Suresh, N., & Sinha, P. (2012). EEG responses to facial contrast-chimeras. *Journal of Integrative Neuroscience*, 11(02), 201-211. doi:10.1142/s021963521250015x

Gandolfi, M., Formaggio, E., Geroni, C., Storti, S. F., Boscolo Galazzo, I., Waldner, A., .

. . Smania, N. (2014). Electroencephalographic Changes of Brain Oscillatory Activity After Upper Limb Somatic Sensation Training in a Patient With Somatosensory Deficit After Stroke. *Clinical EEG and Neuroscience*. doi:10.1177/1550059414536895

Gao, Y., & Zhang, H. (2014). Unconscious processing modulates creative problem solving: evidence from an electrophysiological study. *Conscious Cogn*, 26, 64-73. doi:10.1016/j.concog.2014.03.001

Garcia Dominguez, L., Stieben, J., Perez Velazquez, J. L., & Shanker, S. (2013). The imaginary part of coherency in autism: differences in cortical functional connectivity in preschool children. *PLoS one*, 8(10), e75941. doi:10.1371/journal.pone.0075941

Garcia, J. O., Srinivasan, R., & Serences, J. T. (2013). Near-real-time feature-selective modulations in human cortex. *Curr Biol*, 23(6), 515-522. doi:10.1016/j.cub.2013.02.013

Gauthier, I., Curran, T., Curby, K. M., & Collins, D. (2003). Perceptual interference supports a non-modular account of face processing. *Nature neuroscience*, 6(4), 428-432.

Gay, M., Ray, W., Johnson, B., Teel, E., Geronimo, A., & Slobounov, S. (2015). Feasibility of eeg measures in conjunction with light exercise for return-to-play evaluation after sports-related concussion. *Developmental Neuropsychology*, 40(4), 248-253. Retrieved from http://www.tandfonline.com/doi/abs/10.1080/87565641.2015.1014486?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed

Geangu, E., Quadrelli, E., Lewis, J. W., Cassia, V. M., & Turati, C. (2015). By the sound of it. An ERP investigation of human action sound processing in 7-month-old infants. *Developmental Cognitive Neuroscience*, 12, 134-144.

Geiger, A., Huber, R., Kurth, S., Ringli, M., Achermann, P., & Jenni, O. G. (2012). Sleep electroencephalography topography and children's intellectual ability. *NeuroReport*, 23(2), 93-97. doi:10.1097/WNR.0b013e32834e7e8f

Geiger, A., Huber, R., Kurth, S., Ringli, M., Jenni, O. G., & Achermann, P. (2011). The sleep EEG as a marker of intellectual ability in school age children. *Sleep*, 34(2), 181-189.

Gemignani, A., Piarulli, A., Menicucci, D., Laurino, M., Rota, G., Mastorci, F., . . . Bedini, R. (2014). How stressful are 105 days of isolation? Sleep EEG patterns and tonic cortisol in healthy volunteers simulating manned flight to Mars. *Int J*

Psychophysiol, 93(2), 211-219. doi:10.1016/j.jpsycho.2014.04.008

Genetti, M., Britz, J., Michel, C. M., & Pegna, A. J. (2010). An electrophysiological study of conscious visual perception using progressively degraded stimuli. *Journal of Vision*, 10(14), 1-14. doi:10.1167/10.14.10

Genetti, M., Khateb, A., Heinzer, S., Michel, C. M., & Pegna, A. J. (2009). Temporal dynamics of awareness for facial identity revealed with ERP. *Brain and cognition*, 69, 296-305. doi:10.1016/j.bandc.2008.08.008

Geng, F., Mai, X., Zhan, J., Xu, L., Shao, J., Meeker, J., & Lozoff, B. (2014). Low-Level Prenatal Lead Exposure Alters Auditory Recognition Memory in 2-Month-Old Infants: An Event-Related Potentials (ERPs) Study. *Developmental Neuropsychology*, 39(7), 516-528. doi:10.1080/87565641.2014.959172

Geng, F., Mai, X., Zhan, J., Xu, L., Zhao, Z., Georgieff, M., . . . Lozoff, B. (2015). Impact of Fetal-Neonatal Iron Deficiency on Recognition Memory at 2 Months of Age. *The Journal of pediatrics*.

Geyer, A., Freeman, J., Nicholson, D., Fidopiastis, C., Luu, P., & Cohn, J. (2009). Neurally-Driven Adaptive Decision Aids. *Augmented Cognition International*, 30-34.

Giabbiconi, C., Trujillo-Barreto, N., Gruber, T., & Muller, M. M. (2007). Sustained spatial attention to vibration is mediated in primary somatosensory cortex. *NeuroImage*, 35, 255-262. doi:10.1016/j.neuroimage.2006.11.022

Gianotti, L., Figner, B., Ebstein, R. P., & Knoch, D. (2012). Why some people discount more than others: baseline activation in the dorsal PFC mediates the link between COMT genotype and impatient choice. *Frontiers in Neuroscience*, 6(54), 1-12. doi:10.3389/fnins.2012.00054

Giglio, A. C., Minati, L., & Boggio, P. S. (2013). Throwing the banana away and keeping the peel: Neuroelectric responses to unexpected but physically feasible action endings. *Brain Res*, 1532, 56-62. doi:10.1016/j.brainres.2013.08.017

Gilmore, C., Clementz, B. A., & Berg, P. (2009). Hemispheric differences in auditory oddball responses during monaural versus binaural stimulation. *International Journal of Psychophysiology*, 73, 326-333. doi:10.1016/j.jpsycho.2009.05.005

Gilmore, C., Clementz, B. A., & Buckley, P. F. (2004). Rate of stimulation affects schizophrenia-normal differences on the N1 auditory-evoked potential. *NeuroReport*, 15(18), 2713-2717.

Gilmore, C., Clementz, B. A., & Buckley, P. F. (2005). Stimulus sequence affects schizophrenia-normal differences in event processing during an auditory oddball task. *Cognitive Brain Research*, 24, 215-227.
doi:10.1016/j.cogbrainres.2005.01.020

Glicksohn, J., Ohana, A., Balaban, T., Goldstein, A., & Donchin, O. (2009). Time Production and EEG Alpha Revisited. *NeuroQuantology*, 7(1), 138-151.

Gliga, T., & Dehaene-Lambertz, G. (2005). Structural encoding of body and face in human infants and adults. *Journal of Cognitive Neuroscience*, 17(8), 1328-1340.

Gliga, T., Volein, A., & Csibra, G. (2010). Verbal labels modulate perceptual object processing in 1-year-old children. *Journal of Cognitive Neuroscience*, 22(12), 2781-2789.

Goepel, J., Kissler, J., Rockstroh, B., & Paul-Jordanov, I. (2011). Medio-Frontal and Anterior Temporal abnormalities in children with attention deficit hyperactivity disorder (ADHD) during an acoustic antisaccade task as revealed by electrocortical source reconstruction *BMC psychiatry*, 11(7), 1-10. doi:10.1186/1471-244X-11-7

Gold, R., Faust, M., & Goldstein, A. (2010). Semantic integration during metaphor comprehension in Asperger syndrome. *Brain and Language*, 113, 124-134.
doi:10.1016/j.bandl.2010.03.002

Goldstein, A., Arzouan, Y., & Faust, M. (2012). Killing a novel metaphor and reviving a dead one: ERP correlates of metaphor conventionalization. *Brain Lang*, 123(2), 137-142. doi:10.1016/j.bandl.2012.09.008

Goldstein, A., Spencer, K. M., & Donchin, E. (2002). The influence of stimulus deviance and novelty on the P300 and novelty P3. *Psychophysiology*, 39(06), 781-790.
doi:10.1017/S004857720201048X

Goldstein, M. R., Plante, D. T., Hulse, B. K., Sarasso, S., Landsness, E. C., Tononi, G., & Benca, R. M. (2012). Overnight changes in waking auditory evoked potential amplitude reflect altered sleep homeostasis in major depression. *Acta Psychiatrica Scandinavica*, 125(6), 468-477. doi:10.1111/j.1600-0447.2011.01796.x

Gontier, E., Hasuo, E., Mitsudo, T., & Grondin, S. (2013). EEG investigations of duration discrimination: the intermodal effect is induced by an attentional bias. *PloS one*, 8(8), e74073. doi:10.1371/journal.pone.0074073

Gonzalez Andino, S., Menendez, R. G. d. P., Khateb, A., Landis, T., & Pegna, A. J.

(2009). Electrophysiological correlates of affective blindsight. *NeuroImage*, 44, 581-589. doi:10.1016/j.neuroimage.2008.09.002

Gonzalez Andino, S., Michel, C. M., Thut, G., Landis, T., & Peralta, R. G. d. (2005). Prediction of response speed by anticipatory high-frequency (gamma band) oscillations in the human brain. *Human Brain Mapping*, 24, 50-58. doi:10.1002/hbm.20056

Gonzalez, S., Grave de Peralta, R., Thut, G., Millán, J., Morier, P., & Landis, T. (2006). Very high frequency oscillations (VHFO) as a predictor of movement intentions. *NeuroImage*, 32, 170-179. doi:10.1016/j.neuroimage.2006.02.041

Good, M., & Inzlicht, M. (2014). God will Forgive: Reflecting on God's Love Decreases Neurophysiological Responses to Errors. *Social Cognitive and Affective Neuroscience Advance Access*.

Good, M., Inzlicht, M., & Larson, M. J. (2015). God will forgive: reflecting on God's love decreases neurophysiological responses to errors. *Social Cognitive and Affective Neuroscience*, 10(3), 357-363.

Goodin, P., Ciorciari, J., Baker, K., Carey, A. M., Harper, M., & Kaufman, J. (2012). A high-density EEG investigation into steady state binaural beat stimulation. *PloS one*, 7(4), e34789. doi:10.1371/journal.pone.0034789

Gordon, R., Magne, C. L., & Large, E. W. (2011). EEG Correlates of Song Prosody: A New Look at the Relationship between Linguistic and Musical Rhythm. *Frontiers in Psychology*, 2(352), 1-13. doi:10.3389/fpsyg.2011.00352

Goto, S., Ando, Y., Huang, C., Yee, A., & Lewis, R. S. (2010). Cultural differences in the visual processing of meaning: Detecting incongruities between background and foreground objects using the N400. *SCAN*, 5, 242-253. doi:10.1093/scan/nsp038

Goto, S. G., Yee, A., Lowenberg, K., & Lewis, R. S. (2013). Cultural differences in sensitivity to social context: detecting affective incongruity using the N400. *Soc Neurosci*, 8(1), 63-74. doi:10.1080/17470919.2012.739202

Gou, Z., Choudhury, N., & Benasich, A. A. (2011). Resting frontal gamma power at 16, 24 and 36 months predicts individual differences in language and cognition at 4 and 5 years. *Behavioural Brain Research*, 220, 263-270. doi:10.1016/j.bbr.2011.01.048

Goverdovsky, V., Looney, D., Kidmose, P., & Mandic, D. (2015). In-ear EEG from viscoelastic generic earpieces: Robust and unobtrusive 24/7 monitoring. *Sensors Journal, IEEE*, PP(99), 1. Retrieved from

http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=7217787&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxpls%2Fabs_all.jsp%3Farnumber%3D7217787

Goyet, L., de Schonen, S., & Nazzi, T. (2010). Words and syllables in fluent speech segmentation by French-learning infants: An ERP study. *Brain Research*, 1332, 75-89. doi:10.1016/j.brainres.2010.03.047

Granic, I., Meusel, L.-A., Lamm, C., Woltering, S., & Lewis, M. D. (2012). Emotion regulation in children with behavior problems: Linking behavioral and brain processes. *Development and psychopathology*, 24(03), 1019-1029. doi:10.1017/s095457941200051x

Gredelback, G., Kaduk, K., Bakker, M., Gottwald, J., Ekberg, T., Elsner, C., . . . Kenward, B. (2015). The neuropsychology of infants' pro-social preferences. *Dev Cogn Neurosci*, 12, 106-113. doi:10.1016/j.dcn.2015.01.006

Greimel, E., Trinkl, M., Bartling, J., Bakos, S., Grossheinrich, N., & Schulte-Körne, G. (2015). Auditory selective attention in adolescents with major depression: An event-related potential study. *J Affect Disord*, 172, 445-452.

Greischar, L. L., Burghy, C., van Reekum, C., Jackson, D., Pizzagalli, D. A., Mueller, C., & Davidson, R. J. (2004). Effects of electrode density and electrolyte spreading in dense array electroencephalographic recording. *Clinical Neurophysiology*, 115(3), 710-720. doi:10.1016/j.clinph.2003.10.028

Grice, S. J., Spratling, M. W., Karmiloff-Smith, A., Halit, H., Csibra, G., de Haan, M., & Johnson, M. H. (2001). Disordered visual processing and oscillatory brain activity in autism and Williams syndrome. *NeuroReport*, 12(12), 2697-2700.

Grieder, M., Crinelli, R. M., Jann, K., Federspiel, A., Wirth, M., Koenig, T., . . . Dierks, T. (2013). Correlation between Topographic N400 Anomalies and Reduced Cerebral Blood Flow in the Anterior Temporal Lobes of Patients with Dementia. *J Alzheimers Dis*, 36(4), 711-731. doi:10.3233/JAD-121690

Grieve, P. G., Emerson, R. G., Fifer, W. P., Isler, J. R., & Stark, R. I. (2003). Spatial correlation of the infant and adult electroencephalogram. *Clinical Neurophysiology*, 114(9), 1594-1608. doi:10.1016/S1388-2457(03)00122-6

Grieve, P. G., Emerson, R. G., Isler, J. R., & Stark, R. I. (2004). Quantitative analysis of spatial sampling error in the infant and adult electroencephalogram. *NeuroImage*, 21, 1260-1274. doi:10.1016/j.neuroimage.2003.11.028

Grieve, P. G., Isler, J. R., Izraelit, A., Peterson, B., Fifer, W. P., Myers, M. M., & Stark, R. I. (2008). EEG functional connectivity in term age extremely low birth weight

infants. *Clinical Neurophysiology*, 119(12), 2712-2720.
doi:10.1016/j.clinph.2008.09.020

Grieve, P. G., Myers, M. M., Stark, R. I., Housman, S. L., & Fifer, W. P. (2005). Topographic localization of electrocortical activation in newborn and two- to four-month-old infants in response to head-up tilting. *Acta Paediatrica*, 94(12), 1756-1763.

Grieve, P. G., Stark, R. I., Isler, J. R., Housman, S. L., Fifer, W. P., & Myers, M. M. (2007). Electrocortical functional connectivity in infancy: response to body tilt. *Pediatric neurology*, 37(2), 91-98. doi:10.1016/j.pediatrneurol.2007.04.004

Groening, K., Brodbeck, V., Moeller, F., Wolff, S., van Baalen, A., Michel, C. M., . . . Siniatchkin, M. (2009). Combination of EEG-fMRI and EEG source analysis improves interpretation of spike-associated activation networks in paediatric pharmacoresistant focal epilepsies. *NeuroImage*, 46(3), 827-833.
doi:10.1016/j.neuroimage.2009.02.026

Groppa, S., Bergmann, T. O., Siems, C., Molle, M., Marshall, L., & Siebner, H. R. (2010). Slow-oscillatory transcranial direct current stimulation can induce bidirectional shifts in motor cortical excitability in awake humans. *Neuroscience*, 166(4), 1219-1225. doi:10.1016/j.neuroscience.2010.01.019

Grossmann, T., Gliga, T., Johnson, M. H., & Mareschal, D. (2009). The neural basis of perceptual category learning in human infants. *Journal of Cognitive Neuroscience*, 21(12), 2276-2286. doi:10.1162/jocn.2009.21188

Grouiller, F., Delattre, B. M., Pittau, F., Heinzer, S., Lazeyras, F., Spinelli, L., . . . Vargas, M. I. (2015). All-in-one interictal presurgical imaging in patients with epilepsy: single-session EEG/PET/(f) MRI. *European Journal of Nuclear Medicine and Molecular Imaging*, 42(7), 1133-1143.

Gruber, T., Müller, M., Keil, A., & Elbert, T. R. (1999). Selective visual-spatial attention alters induced gamma band responses in the human EEG. *Clinical Neurophysiology*, 110, 2074-2085.

Gruber, T., & Muller, M. M. (2005). Oscillatory brain activity dissociates between associative stimulus content in a repetition priming task in the human EEG. *Cerebral Cortex*, 15, 109-116. doi:10.1093/cercor/bhh113

Gruss, L. F., Wieser, M. J., Schweinberger, S. R., & Keil, A. (2012). Face-evoked steady-state visual potentials: effects of presentation rate and face inversion. *Front Hum Neurosci*, 6, 316. doi:10.3389/fnhum.2012.00316

- Guex, R., Ceric, F., Hurtado, E., Gonzalez, R., Navarro, A., Manes, F. F., & Ibanez, A. (2011). Performance Errors of in Group/Out Group Stimuli and Valence Association in the Implicit Association Test: Brain Bias of Ingroup Favoritism. *Open Neuroscience Journal*, 5(1), 16-23.
- Guiraud, J. A., Kushnerenko, E., Tomalski, P., Davies, K., Ribeiro, H., Johnson, M. H., & BASIS. (2011). Differential habituation to repeated sounds in infants at high risk for autism. *NeuroReport*, 22(16), 845-849. doi:10.1097/WNR.0b013e32834c0bec
- Guy, M. W., Reynolds, G. D., & Zhang, D. (2013). Visual Attention to Global and Local Stimulus Properties in 6-Month-Old Infants: Individual Differences and Event-Related Potentials. *Child Dev.* doi:10.1111/cdev.12053
- Haan, M. D., Pascalis, O., & Johnson, M. H. (2002). Specialization of neural mechanisms underlying face recognition in human infants. *Journal of Cognitive Neuroscience*, 14(2), 199-209.
- Hagerty, M. R., Isaacs, J., Brasington, L., Shupe, L., Fetz, E. E., & Cramer, S. C. (2013). Case study of ecstatic meditation: fMRI and EEG evidence of self-stimulating a reward system. *Neural Plast*, 2013, 653572. doi:10.1155/2013/653572
- Halit, H., Csibra, G., Volein, A., & Johnson, M. H. (2004). Face-sensitive cortical processing in early infancy. *Journal of Child Psychology and Psychiatry*, 45(7), 1228-1234. doi:10.1111/j.1469-7610.2004.00321.x
- Halit, H., Haan, M. D., & Johnson, M. H. (2003). Cortical specialisation for face processing: Face-sensitive event-related potential components in 3-and 12-month-old infants. *NeuroImage*, 19, 1180-1193. doi:10.1016/S1053-8119(03)00076-4
- Hämäläinen, J. A., Fosker, T., Szucs, D., & Goswami, U. (2011). N1, P2 and T-complex of the auditory brain event-related potentials to tones with varying rise times in adults with and without dyslexia. *International Journal of Psychophysiology*, 81(1), 51-59. doi:10.1016/j.ijpsycho.2011.04.005
- Hämäläinen, J. A., Leppanen, P. H. T., Guttorm, T. K., & Lyytinen, H. (2007). N1 and P2 components of auditory event-related potentials in children with and without reading disabilities. *Clinical Neurophysiology*, 118, 2263-2275. doi:10.1016/j.clinph.2007.07.007
- Hämäläinen, J. A., Leppanen, P. H. T., Guttorm, T. K., & Lyytinen, H. (2008). Event-related potentials to pitch and rise time change in children with reading disabilities and typically reading children. *Clinical Neurophysiology*, 119, 100-115. doi:10.1016/j.clinph.2007.09.064

- Hamalainen, J. A., Lohvansuu, K., Ervast, L., & Leppanen, P. H. (2014). Event-related potentials to tones show differences between children with multiple risk factors for dyslexia and control children before the onset of formal reading instruction. *Int J Psychophysiol*. doi:10.1016/j.ijpsycho.2014.04.004
- Hämäläinen, J. A., Ortiz-Mantilla, S., & Benasich, A. A. (2011). Source localization of event-related potentials to pitch change mapped onto age-appropriate MRIs at 6 months-of-age. *NeuroImage*, 54, 1910-1918.
doi:10.1016/j.neuroimage.2010.10.016
- Hambrook, D. A., & Tata, M. S. (2014). Theta-band phase tracking in the two-talker problem. *Brain Lang*, 135, 52-56. doi:10.1016/j.bandl.2014.05.003
- Hamm, J., Dyckman, K., McDowell, J. E., & Clementz, B. A. (2012). Pre-Cue Fronto-Occipital Alpha Phase and Distributed Cortical Oscillations Predict Failures of Cognitive Control. *The Journal of Neuroscience*, 32(20), 7034-7041.
doi:10.1523/JNEUROSCI.5198-11.2012
- Hamm, J., Gilmore, C., & Clementz, B. (2012). Augmented gamma band auditory steady-state responses: Support for NMDA hypofunction in schizophrenia. *Schizophrenia Research*, 138, 1-7. doi:10.1016/j.schres.2012.04.003
- Hamm, J. P., Bobilev, A. M., Hayrynen, L. K., Hudgens-Haney, M. E., Oliver, W. T., Parker, D. A., . . . Clementz, B. A. (2015). Stimulus train duration but not attention moderates γ-band entrainment abnormalities in schizophrenia. *Schizophrenia Research*, 165(1), 97-102.
- Hamm, J. P., Dyckman, K., Ethridge, L., McDowell, J. E., & Clementz, B. A. (2010). Preparatory Activations across a Distributed Cortical Network Determine Production of Express Saccades in Humans. *Journal of Neuroscience*, 30(21), 7350-7357. doi:10.1523/JNEUROSCI.0785-10.2010
- Hamm, J. P., Johnson, B. W., & Corballis, M. C. (2004). One good turn deserves another: an event-related brain potential study of rotated mirror-normal letter discriminations. *Neuropsychologia*, 42, 810-820.
doi:10.1016/j.neuropsychologia.2003.11.009
- Hamm, J. P., Johnson, B. W., & Kirk, I. J. (2002). Comparison of the N300 and N400 ERPs to picture stimuli in congruent and incongruent contexts. *Clinical Neurophysiology*, 113, 1339-1350.
- Hammond, D. K., Scherrer, B., & Warfield, S. K. (2013). Cortical graph smoothing: a novel method for exploiting DWI-derived anatomical brain connectivity to

improve EEG source estimation. *IEEE Transactions on Medical Imaging*, PP(99).

Hansen, B. C., JACQUES, T., Johnson, A. P., & Ellemborg, D. (2011). From spatial frequency contrast to edge preponderance: the differential modulation of early visual evoked potentials by natural scene stimuli. *Visual Neuroscience*, 28(03), 221-237. doi:10.1017/S095252381100006X

Hansen, B. C., Thompson, B., Hess, R. F., & Ellemborg, D. (2010). Extracting the internal representation of faces from human brain activity: An analogue to reverse correlation. *NeuroImage*, 51, 373-390. doi:10.1016/j.neuroimage.2010.02.021

Hardmeier, M., Hatz, F., Bousleiman, H., Schindler, C., Stam, C. J., & Fuhr, P. (2014). Reproducibility of functional connectivity and graph measures based on the phase lag index (PLI) and weighted phase lag index (wPLI) derived from high resolution EEG. *PloS one*, 9(10), e108648. doi:10.1371/journal.pone.0108648

Hardmeier, M., Hatz, F., Naegelin, Y., Hight, D., Schindler, C., Kappos, L., . . . Fuhr, P. (2014). Improved characterization of visual evoked potentials in multiple sclerosis by topographic analysis. *Brain Topogr*, 27(2), 318-327. doi:10.1007/s10548-013-0318-6

Harris, A., Adolphs, R., Camerer, C., & Rangel, A. (2011). Dynamic Construction of Stimulus Values in the Ventromedial Prefrontal Cortex. *PloS one*, 6(6), e21074. doi:10.1371/journal.pone.0021074

Harris, A., Hare, T., & Rangel, A. (2013). Temporally dissociable mechanisms of self-control: early attentional filtering versus late value modulation. *J Neurosci*, 33(48), 18917-18931. doi:10.1523/JNEUROSCI.5816-12.2013

Harris, L. N., Perfetti, C. A., & Rickles, B. (2014). Error-related negativities during spelling judgments expose orthographic knowledge. *Neuropsychologia*, 54, 112-128. doi:10.1016/j.neuropsychologia.2013.12.007

Harvison, K., Molfese, D. L., Woodruff-Borden, J., & Weigel, R. A. (2009). Neonatal auditory evoked responses are related to perinatal maternal anxiety. *Brain and cognition*, 71, 369-374. doi:10.1016/j.bandc.2009.06.004

Hasenstab, K., Sugar, C. A., Telesca, D., McEvoy, K., Jeste, S., & Senturk, D. (2015). Identifying Longitudinal Trends within EEG Experiments. *UCLA: Biostatistics*. Retrieved from <http://escholarship.org/uc/item/4j94x6cx>

Hashim, P. W., Brooks, E. D., Persing, J. A., Reuman, H., Naples, A., Travieso, R., . . . Mayes, L. (2015). Direct brain recordings reveal impaired neural function in

infants with single-suture craniosynostosis: a future modality for guiding management? *Journal of Craniofacial Surgery*, 26(1), 60-63.

Hashim, P. W., Brooks, E. D., Persing, J. A., Reuman, H., Naples, A., Travieso, R., . . . McPartland, J. C. (2015). Direct Brain Recordings Reveal Impaired Neural Function in Infants With Single-Suture Craniosynostosis: A Future Modality for Guiding Management? *Journal of Craniofacial Surgery*, 26(1), 60-63.
doi:10.1097/scs.0000000000001195

Hashimoto, Y., Minami, T., & Nakauchi, S. (2012). Electrophysiological Differences in the Processing of Affect Misattribution. *PLoS one*, 7(11), e49132.
doi:10.1371/journal.pone.0049132.g001

Hasko, S., Bruder, J., Bartling, J., & Schulte-Körne, G. (2012). N300 indexes deficient integration of orthographic and phonological representations in children with dyslexia. *Neuropsychologia*, 50, 640-654.
doi:10.1016/j.neuropsychologia.2012.01.001

Hasko, S., Groth, K., Bruder, J., Bartling, J., & Schulte-Korne, G. (2013). The time course of reading processes in children with and without dyslexia: an ERP study. *Front Hum Neurosci*, 7, 570. doi:10.3389/fnhum.2013.00570

Hasko, S., Groth, K., Bruder, J., Bartling, J., & Schulte-Korne, G. (2014). What does the brain of children with developmental dyslexia tell us about reading improvement? ERP evidence from an intervention study. *Front Hum Neurosci*, 8, 441.
doi:10.3389/fnhum.2014.00441

Hassan, M., Dufor, O., Merlet, I., Berrou, C., & Wendling, F. (2014). EEG source connectivity analysis: from dense array recordings to brain networks. *PLoS one*, 9(8), e105041. doi:10.1371/journal.pone.0105041

Hatz, F., Benz, N., Hardmeier, M., Zimmermann, R., Rueegg, S., Schindler, C., . . . Fuhr, P. (2013). Quantitative EEG and apolipoprotein E-genotype improve classification of patients with suspected Alzheimer's disease. *Clin Neurophysiol*, 124(11), 2146-2152. doi:10.1016/j.clinph.2013.04.339

Hatz, F., Hardmeier, M., Bousleiman, H., Rueegg, S., Schindler, C., & Fuhr, P. (2015). Reliability of fully automated versus visually controlled pre-and post-processing of resting-state EEG. *Clinical Neurophysiology*, 126(2), 268-274.

Hausmann, M., Hamm, J. P., Waldie, K. E., & Kirk, I. J. (2013). Sex hormonal modulation of interhemispheric transfer time. *Neuropsychologia*, 51(9), 1734-1741. doi:10.1016/j.neuropsychologia.2013.05.017

- Hautus, M. J., & Johnson, B. W. (2005). Object-related brain potentials associated with the perceptual segregation of a dichotically embedded pitch. *The Journal of the Acoustical Society of America*, 117(1), 275-280. doi:10.1121/1.1828499
- Hautus, M. J., Johnson, B. W., & Colling, L. J. (2009). Event-related potentials for interaural time differences and spectral cues. *NeuroReport*, 20(10), 951-956.
- Havlicek, M., Roebroeck, A., Friston, K., Gardumi, A., Ivanov, D., & Uludag, K. (2015). Physiologically informed dynamic causal modeling of fMRI data. *NeuroImage*.
- Hawkes Teresa, D., Manselle, W., & Woollacott Marjorie, H. (2014). Tai Chi and meditation-plus-exercise benefit neural substrates of executive function: a cross-sectional, controlled study *Journal of Complementary and Integrative Medicine* (Vol. 11, pp. 279).
- Hayashi, Y., & Kiguchi, K. (2014, 3-6 Dec. 2014). *Estimation of upper-limb motion in sagittal plane based on EEG signals*. Paper presented at the Soft Computing and Intelligent Systems (SCIS), 2014 Joint 7th International Conference on and Advanced Intelligent Systems (ISIS), 15th International Symposium on.
- Hayashi, Y., & Kiguchi, K. (2015). *A study of features of EEG signals during upper-limb motion*. Paper presented at the 2015 IEEE International Conference on Advanced Intelligent Mechatronics (AIM).
- Hazrati Mehrnaz, K., Miskovic, V., Príncipe, J., C, & Andreas, K. (2015). Functional Connectivity in Frequency-Tagged Cortical Networks During Active Harm Avoidance. *Brain Connectivity*, 5(5), 292-302. doi:10.1089/brain.2014.0307
- He, C., Hotson, L., & Trainor, L. J. (2007). Mismatch responses to pitch changes in early infancy. *Journal of Cognitive Neuroscience*, 19(5), 878-892.
- He, C., Hotson, L., & Trainor, L. J. (2009). Maturation of cortical mismatch responses to occasional pitch change in early infancy: Effects of presentation rate and magnitude of change. *Neuropsychologia*, 47, 218-229. doi:10.1016/j.neuropsychologia.2008.07.019
- He, C., Hotson, L., & Trainor, L. J. (2009). Development of infant mismatch responses to auditory pattern changes between 2 and 4 months old. *European Journal of Neuroscience*, 29, 861-867. doi:10.1111/j.1460-9568.2009.06625.x
- He, C., & Trainor, L. J. (2009). Finding the pitch of the missing fundamental in infants. *Journal of Neuroscience*, 29(24), 7718-8822. doi:10.1523/JNEUROSCI.0157-09.2009

He, H., Kubo, K., & Kawai, N. (2014). Spiders do not evoke greater early posterior negativity in the event-related potential as snakes. *NeuroReport*, 25(13), 1049-1053. doi:10.1097/wnr.0000000000000227

Hedberg, J., Nilsson, E., Alvarez, C., Wolgast, A., Klintfors, E., Markelius, M., . . . Kallioinen, P. (2012). Integration of Acoustic-Articulatory Information: Event Related Potentials to Speech and Non-speech Materials. *FONETIK*, 88-92.

Heidlmayr, K., Hemforth, B., Moutier, S., & Isel, F. (2015). Neurodynamics of executive control processes in bilinguals: evidence from ERP and source reconstruction analyses. *Frontiers in Psychology*, 6.

Heim, S., Friedman, J. T., Keil, A., & Benasich, A. A. (2011). Reduced sensory oscillatory activity during rapid auditory processing as a correlate of language-learning impairment. *Journal of Neurolinguistics*, 24, 538-555. doi:10.1016/j.jneuroling.2010.09.006

Heim, S., & Keil, A. (2006). Effects of classical conditioning on identification and cortical processing of speech syllables. *Experimental Brain Research*, 175, 411-424. doi:10.1007/s00221-006-0560-1

Heim, S., Keil, A., Choudhury, N., Thomas Friedman, J., & Benasich, A. A. (2013). Early gamma oscillations during rapid auditory processing in children with a language-learning impairment: changes in neural mass activity after training. *Neuropsychologia*, 51(5), 990-1001. doi:10.1016/j.neuropsychologia.2013.01.011

Heimann, K., Umiltà, M. A., & Gallese, V. (2013). How the motor-cortex distinguishes among letters, unknown symbols and scribbles. A high density EEG study. *Neuropsychologia*, 51(13), 2833-2840. doi:10.1016/j.neuropsychologia.2013.07.014i

Heimann, K., Umiltà, M. A., Guerra, M., & Gallese, V. (2014). Moving Mirrors: A High-density EEG Study Investigating the Effect of Camera Movements on Motor Cortex Activation during Action Observation. *Journal of Cognitive Neuroscience*, 26(9), 2087-2101. doi:10.1162/jocn_a_00602

Heimann, M., Nordqvist, E., Rudner, M., Johansson, M., & Lindgren, M. (2013). Associative learning measured with ERP predicts deferred imitation using a strict observation only design in 14 to 15 month old children. *Scand J Psychol*, 54(1), 33-40. doi:10.1111/sjop.12005

Henderson, J. M., Luke, S. G., Schmidt, J., & Richards, J. E. (2013). Co-registration of eye movements and event-related potentials in connected-text paragraph reading. *Front Syst Neurosci*, 7, 28. doi:10.3389/fnsys.2013.00028

Herrero, J., Nikolaev, A. R., Raffone, A., & Leeuwen, C. v. (2009). Selective attention in visual short-term memory consolidation. *NeuroReport*, 20(7), 652-656. doi: 10.1097/WNR.0b013e328329a431

Herzmann, G., Bird, C. W., Freeman, M., & Curran, T. (2013). Effects of oxytocin on behavioral and ERP measures of recognition memory for own-race and other-race faces in women and men. *Psychoneuroendocrinology*, 38(10), 2140-2151. doi:10.1016/j.psyneuen.2013.04.002

Herzmann, G., & Curran, T. (2011). Experts' memory: an ERP study of perceptual expertise effects on encoding and recognition. *Memory and Cognition*, 39, 412-432. doi:10.3758/s13421-010-0036-1

Herzmann, G., & Curran, T. (2013). Neural correlates of the in-group memory advantage on the encoding and recognition of faces. *PLoS one*, 8(12), e82797. doi:10.1371/journal.pone.0082797

Herzmann, G., Jin, M., Cordes, D., & Curran, T. (2012). A within-subject ERP and fMRI investigation of orientation-specific recognition memory for pictures. *Cognitive Neuroscience*, 3(3-4), 174-192. doi:10.1080/17588928.2012.669364

Herzmann, G., Willenbockel, V., Tanaka, J. W., & Curran, T. (2011). The neural correlates of memory encoding and recognition for own-race and other-race faces. *Neuropsychologia*, 49, 3103-3115. doi:10.1016/j.neuropsychologia.2011.07.019

Hesselmann, G., Naccache, L., Cohen, L., & Dehaene, S. (2012). Splitting of the P3 component during dual-task processing in a patient with posterior callosal section. *Cortex*, IN PRESS. doi:10.1016/j.cortex.2012.03.014

Hestvik, A., Maxfield, N., Schwartz, R. G., & Shafer, V. L. (2007). Brain responses to filled gaps. *Brain and Language*, 100, 301-316. doi:10.1016/j.bandl.2006.07.007

Hileman, C., Henderson, H., Mundy, P., Newell, L., & Jaime, M. (2011). Developmental and Individual Differences on the P1 and N170 ERP Components in Children With and Without Autism. *Developmental Neuropsychology*, 36(2), 214-236. doi:10.1080/87565641.2010.549870

Hill, C., Wu, J., Crowley, M. J., & Fearon, P. (2013). Restrictive feeding practices and adiposity are differentially related to P3b cortical responses to food stimuli in children. *Appetite*, 63(2013), 7–17. doi:10.1016/j.appet.2012.11.025

Hill, H., Strube, M., Roesch-Ely, D., & Weisbrod, M. (2002). Automatic vs. controlled

processes in semantic priming-differentiation by event-related potentials.
International Journal of Psychophysiology, 44, 197-218.

Hirai, M., Fukushima, H., & Hiraki, K. (2003). An event-related potentials study of biological motion perception in humans. *Neuroscience letters*, 344(1), 41-44. doi:10.1016/S0304-3940(03)00413-0

Hirai, M., & Hiraki, K. (2005). An event-related potentials study of biological motion perception in human infants. *Cognitive Brain Research*, 22(2), 301-304. doi:10.1016/j.cogbrainres.2004.08.008

Hirai, M., & Hiraki, K. (2006). The relative importance of spatial versus temporal structure in the perception of biological motion: An event-related potential study. *Cognition*, 99, B15-B29. doi:10.1016/j.cognition.2005.05.003

Hirai, M., & Hiraki, K. (2006). Visual search for biological motion: An event-related potential study. *Neuroscience letters*, 403, 299-304. doi:10.1016/j.neulet.2006.05.002

Hirai, M., Senju, A., Fukushima, H., & Hiraki, K. (2005). Active processing of biological motion perception: An ERP study. *Cognitive Brain Research*, 23(2-3), 387-396. doi:10.1016/j.cogbrainres.2004.11.005

Hirata, S., Matsuda, G., Ueno, A., Fuwa, K., Sugama, K., Kusunoki, K., . . . Hasegawa, T. (2011). Event-related potentials in response to subjects' own names: A comparison between humans and a chimpanzee. *Communicative & Integrative Biology*, 4(3), 321-323. doi:10.4161/cib.4.3.14841

Hirayasu, Y., Potts, G. F., O'Donnell, B. F., Kwon, J. S., Arakaki, H., Akdag, S. J., . . . McCarley, R. W. (1998). Auditory mismatch negativity in schizophrenia: Topographic evaluation with a high-density recording montage. *American Journal of Psychiatry*, 155(9), 1281-1284.

Hisagi, M., Garrido-Nag, K., Datta, H., & Shafer, V. L. (2015). ERP indices of vowel processing in Spanish–English bilinguals. *Bilingualism: Language and Cognition*, 18(02), 271-289.

Hisagi, M., Shafer, V. L., Strange, W., & Sussman, E. S. (2010). Perception of a Japanese Vowel Length Contrast by Japanese and American English listeners: Behavioral and Electrophysiological Measures. *Brain Research*, 1360, 89-105. doi:10.1016/j.brainres.2010.08.092

Hochman, E. Y., Vaidya, A. R., & Fellows, L. K. (2014). Evidence for a Role for the Dorsal Anterior Cingulate

Cortex in Disengaging from an Incorrect Action. *PLoS one*, 9(6), e101126.
doi:10.1371/journal.pone.0101126

Hoen, M., & Dominey, P. F. (2000). ERP analysis of cognitive sequencing: A left anterior negativity related to structural transformation processing. *NeuroReport*, 11(14), 3187-3191.

Hogeveen, J., Chartrand, T. L., & Obhi, S. S. (2014). Social Mimicry Enhances Mu-Suppression During Action Observation. *Cereb Cortex*.
doi:10.1093/cercor/bhu016

Holmes, A. J., & Pizzagalli, D. A. (2008). Response conflict and frontocingulate dysfunction in unmedicated participants with major depression. *Neuropsychologia*, 46, 2904-2913. doi:10.1016/j.neuropsychologia.2008.05.028

Holmes, A. J., & Pizzagalli, D. A. (2010). Effects of task-relevant incentives on the electrophysiological correlates of error processing in major depressive disorder. *Cognitive, Affective, & Behavioral Neuroscience*, 10(1), 119-128.
doi:10.3758/CABN.10.1.119

Holmes, M. D. (2008). Dense array EEG: Methodology and new hypothesis on epilepsy syndromes. *Epilepsia*, 49(s3), 3-14. doi:10.1111/j.1528-1167.2008.01505.x

Holmes, M. D. (2011). Dense Array EEG & Epilepsy. *Management of Epilepsy – Research, Results and Treatment*(Chpt. 8), 153-168.

Holmes, M. D., Brown, M., & Tucker, D. M. (2004). Are “generalized” seizures truly generalized? Evidence of localized mesial frontal and frontopolar discharges in absence. *Epilepsia*, 45(12), 1568-1579. doi:10.1111/j.0013-9580.2004.23204.x

Holmes, M. D., Brown, M., Tucker, D. M., Saneto, R., Miller, K., Wig, G. S., & Ojemann, J. (2008). Localization of Extratemporal Seizure with Noninvasive Dense-Array EEG. *Pediatric Neurosurgery*, 44(6), 474-479. doi:10.1159/000180302

Holmes, M. D., Quiring, J. M., & Tucker, D. M. (2010). Evidence that juvenile myoclonic epilepsy is a disorder of frontotemporal corticothalamic networks. *NeuroImage*, 49(1), 80-93. doi:10.1016/j.neuroimage.2009.08.004

Holmes, M. D., Tucker, D. M., Quiring, J. M., Hakimian, S., Miller, J. W., & Ojemann, J. G. (2010). Comparing Noninvasive Dense Array and Intracranial Electroencephalography for Localization of Seizures. *Neurosurgery*, 66(2), 354-362. doi:10.1227/01.NEU.0000363721.06177.07

Holroyd, C. B., & Coles, M. G. H. (2008). Dorsal anterior cingulate cortex integrates reinforcement history to guide voluntary behavior. *Cortex*, 44(5), 548-559. doi:10.1016/j.cortex.2007.08.013

Holroyd, C. B., Dien, J., & Coles, M. G. H. (1998). Error-related scalp potentials elicited by hand and foot movements: Evidence for an output-independent error-processing system in humans. *Neuroscience letters*, 242, 65-68.

Holth, M., van der Meer, A. L., & van der Weel, F. R. (2013). Combining findings from gaze and electroencephalography recordings to study timing in a visual tracking task. *NeuroReport*, 24(17), 968-972. doi:10.1097/WNR.0000000000000020

Hörberg, T., Koptjevskaja-Tamm, M., & Kallioinen, P. (2013). The neurophysiological correlate to grammatical function reanalysis in Swedish. *Language and Cognitive Processes*, 28(3), 388-416. doi:10.1080/01690965.2011.651345

Hove, M. J., Marie, C., Bruce, I. C., & Trainor, L. J. (2014). Superior time perception for lower musical pitch explains why bass-ranged instruments lay down musical rhythms. *Proc Natl Acad Sci U S A*, 111(28), 10383-10388. doi:10.1073/pnas.1402039111

Hoyniak, C. P., Petersen, I. T., McQuillan, M. E., Staples, A. D., & Bates, J. E. (2015). Less Efficient Neural Processing Related to Irregular Sleep and Less Sustained Attention in Toddlers. *Developmental Neuropsychology*, 40(3), 155-166.

Hsu, Y.-F., & Szucs, D. (2011). Arithmetic mismatch negativity and numerical magnitude processing in number matching. *BMC Neuroscience*, 12(83), 1-6. doi:10.1186/1471-2202-12-83

Hsu, Y. F., Hamalainen, J. A., & Waszak, F. (2014). Repetition suppression comprises both attention-independent and attention-dependent processes. *NeuroImage*, 98, 168-175. doi:10.1016/j.neuroimage.2014.04.084

Hu, H., Liu, Y., Guo, Z., Li, W., Liu, P., Chen, S., & Liu, H. (2015). Attention Modulates Cortical Processing of Pitch Feedback Errors in Voice Control. *Sci Rep*, 5.

Hu, S., Peters, B., & Zheng, G. (2013). Driver fatigue detection from electroencephalogram spectrum after electrooculography artefact removal. *IET Intelligent Transport Systems*, 7(1), 105-113. doi:10.1049/iet-its.2012.0045

Hu, X., Wu, H., & Fu, G. (2010). Temporal course of executive control when lying to Self-and Other-referential information: An ERP study. *Brain Research*, 1369, 149-157. doi:10.1016/j.brainres.2010.10.106

Huang, J., & Sekuler, R. (2010). Attention Protects the Fidelity of Visual Memory: Behavioral and Electrophysiological Evidence. *Journal of Neuroscience*, 30(40), 13461-13471. doi:10.1523/JNEUROSCI.2560-10.2010

Huang, S., Tang, Z., Li, F., & Li, H. (2013). Electrophysiological correlates of category induction in children and adults. *Dev Neuropsychol*, 38(1), 22-35. doi:10.1080/87565641.2012.721420

Huang, Y.-F., Kuo, F.-Y., Luu, P., Tucker, D., & Hsieh, P.-J. (2015). Hedonic evaluation can be automatically performed: An electroencephalography study of website impression across two cultures. *Computers in Human Behavior*, 49, 138-146.

Huber, R., Ghilardi, M. F., Massimini, M., Ferrarelli, F., Riedner, B. A., Peterson, M. J., & Tononi, G. (2006). Arm immobilization causes cortical plastic changes and locally decreases sleep slow wave activity. *Nature neuroscience*, 9(9), 1169-1176. doi:10.1038/nn1758

Huber, R., Ghilardi, M. F., Massimini, M., & Tononi, G. (2004). Local sleep and learning. *Nature*, 430, 78-81. doi:10.1038/nature02663

Hudac, C. M., Kota, S., Nedrow, J. L., & Molfese, D. L. (2012). Neural mechanisms underlying neurooptometric rehabilitation following traumatic brain injury. *Eye and Brain*, 4, 1-12. doi:10.2147/EB.S27290

Hudac, C. M., Kresse, A., Aaronson, B., DesChamps, T. D., Webb, S. J., & Bernier, R. A. (2015). Modulation of mu attenuation to social stimuli in children and adults with 16p11. 2 deletions and duplications. *Journal of Neurodevelopmental Disorders*, 7(1), 1-13. Retrieved from <http://www.jneurodevdisorders.com/content/pdf/1866-1955-7-1.pdf>

Huffmeijer, R., Alink, L. R., Tops, M., Grewen, K. M., Light, K. C., Bakermans-Kranenburg, M. J., & van IJzendoorn, M. H. (2012). The impact of oxytocin administration and maternal love withdrawal on event-related potential (ERP) responses to emotional faces with performance feedback. *Horm Behav*. doi:10.1016/j.yhbeh.2012.11.008

Huffmeijer, R., Alink, L. R. A., Tops, M., Bakermans-Kranenburg, M. J., & IJzendoorn, M. H. v. (2012). Asymmetric frontal brain activity and parental rejection predict altruistic behavior: Moderation of oxytocin effects. *Cognitive, Affective, & Behavioral Neuroscience*, IN PRESS. doi:10.3758/s13415-011-0082-6

Huffmeijer, R., Bakermans-Kranenburg, M. J., Alink, L. R., & van IJzendoorn, M. H. (2014). Reliability of event-related potentials: The influence of number of trials and electrodes. *Physiol Behav*, 130C, 13-22. doi:10.1016/j.physbeh.2014.03.008

Huffmeijer, R., Bakermans-Kranenburg, M. J., Alink, L. R., & van, I. M. H. (2014). Love withdrawal predicts electrocortical responses to emotional faces with performance feedback: a follow-up and extension. *BMC Neurosci*, 15, 68. doi:10.1186/1471-2202-15-68

Huffmeijer, R., Tops, M., Alink, L. R. A., Bakermans-Kranenburg, M. J., & Ijzendoorn, M. H. v. (2011). Love withdrawal is related to heightened processing of faces with emotional expressions and incongruent emotional feedback: Evidence from ERPs. *Biological Psychology*, 86, 307-313. doi:10.1016/j.biopsych.2011.01.003

Hughes, G., Desantis, A., & Waszak, F. (2013). Attenuation of auditory N1 results from identity-specific action-effect prediction. *Eur J Neurosci*, 37(7), 1152-1158. doi:10.1111/ejn.12120

Hughes, G., Schütz-Bosbach, S., & Waszak, F. (2011). One Action System or Two? Evidence for Common Central Preparatory Mechanisms in Voluntary and Stimulus-Driven Actions. *The Journal of Neuroscience*, 31(46), 16692-16699. doi:10.1523/JNEUROSCI.2256-11.2011

Hughes, G., & Waszak, F. (2011). ERP correlates of action effect prediction and visual sensory attenuation in voluntary action. *NeuroImage*, 56, 1632-1640. doi:10.1016/j.neuroimage.2011.02.057

Hulse, B., Landsness, E. C., Sarasso, S., Ferrarelli, F., Guokas, J. J., Wanger, T., & Tononi, G. (2011). A postsleep decline in auditory evoked potential amplitude reflects sleep homeostasis. *Clinical Neurophysiology*, 122, 1549-1555. doi:10.1016/j.clinph.2011.01.041

Hum, K. M., Manassis, K., & Lewis, M. D. (2012). Neural mechanisms of emotion regulation in childhood anxiety. *J Child Psychol Psychiatry*. doi:10.1111/j.1469-7610.2012.02609.x

Hum, K. M., Manassis, K., & Lewis, M. D. (2013). Neurophysiological markers that predict and track treatment outcomes in childhood anxiety. *J Abnorm Child Psychol*, 41(8), 1243-1255. doi:10.1007/s10802-013-9755-7

Hung, C. S., Sarasso, S., Ferrarelli, F., Riedner, B., Ghilardi, M. F., Cirelli, C., & Tononi, G. (2013). Local experience-dependent changes in the wake EEG after prolonged wakefulness. *Sleep*, 36(1), 59-72. doi:10.5665/sleep.2302

Hwa, R. C., & Ferree, T. (2004). Stroke detection based on the scaling properties of human EEG. *Physica A: Statistical Mechanics and its Applications*, 338(1-2), 246-254. doi:10.1016/j.physa.2004.02.047

- Hyde, D. C., Jones, B., Porter, C., & Flom, R. (2010). Visual stimulation enhances auditory processing in 3-month-old infants and adults. *Developmental Psychobiology*, 52(2), 181-189. doi:10.1002/dev.20417
- Hyde, D. C., Porter, C. L., Flom, R., & Stone, S. A. (2013). Relational congruence facilitates neural mapping of spatial and temporal magnitudes in preverbal infants. *Dev Cogn Neurosci*, 6C, 102-112. doi:10.1016/j.dcn.2013.08.003
- Hyde, D. C., & Spelke, E. S. (2009). All numbers are not equal: An electrophysiological investigation of small and large number representations. *Journal of Cognitive Neuroscience*, 21(6), 1039-1053.
- Hyde, D. C., & Spelke, E. S. (2011). Spatiotemporal dynamics of processing nonsymbolic number: An event-related potential source localization study. *Human Brain Mapping*, IN PRESS. doi:10.1002/hbm.21352
- Hyde, D. C., & Wood, J. N. (2011). Spatial Attention Determines the Nature of Nonverbal Number Representation. *Journal of Cognitive Neuroscience*, 23(9), 2336-2351.
- Hyde, D. E., Duffy, F. H., & Warfield, S. K. (2012). Anisotropic partial volume CSF modeling for EEG source localization. *NeuroImage*, 62(3), 2161-2170. doi:10.1016/j.neuroimage.2012.05.055
- Hyde, D. E., Duffy, F. H., & Warfield, S. K. (2014). Voxel-based dipole orientation constraints for distributed current estimation. *IEEE Transactions on Biomedical Engineering*, 61(7), 2028-2040.
- Iannotti, G. R., Pittau, F., Michel, C. M., Vulliemoz, S., & Grouiller, F. (2015). Pulse Artifact Detection in Simultaneous EEG-fMRI Recording Based on EEG Map Topography. *Brain Topogr*, 28(1), 21-32. doi:10.1007/s10548-014-0409-z
- Ibañez, A., Aguado, J., Baez, S., Buepe, D., Lopez, V., Ortega, R., . . . Manes, F. (2013). From neural signatures of emotional modulation to social cognition: Individual differences in healthy volunteers and psychiatric participants. *Social Cognitive and Affective Neuroscience Advance Access*.
- Ibanez, A., Gleichgerrcht, E., Hurtado, E., Gonzalez, R., Haye, A., & Manes, F. F. (2010). Early Neural Markers of Implicit Attitudes: N170 Modulated by Intergroup and Evaluative Contexts in IAT. *Frontiers in Human Neuroscience*, 4(188), 1-14. doi:10.3389/fnhum.2010.00188
- Ibanez, A., Hurtado, E., Lobos-Infante, A., Escobar, J., Trujillo-Barreto, N., Baez, S., . . .

Decety, J. (2011). Subliminal presentation of other faces (but not own face) primes behavioral and evoked cortical processing of empathy for pain. *Brain Research*, 1398(1), 72-85. doi:10.1016/j.brainres.2011.05.014

Ibanez, A., Hurtado, E., Riveros, R., Urquina, H., Cardona, J. F., Petroni, A., . . . Manes, F. F. (2011). Facial and semantic emotional interference: A pilot study on the behavioral and cortical responses to the dual valence association task. *Behavioral and Brain Functions*, 7(8), 1-14. doi:10.1186/1744-9081-7-8

Ibanez, A., Manes, F. F., Escobar, J., Trujillo-Barreto, N., Andreucci, P., & Hurtado, E. (2010). Gesture influences the processing of figurative language in non-native speakers: ERP evidence. *Neuroscience letters*, 471, 48-52. doi:10.1016/j.neulet.2010.01.009

Ibanez, A., Riveros, R., Hurtado, E., Gleichgerrcht, E., Urquina, H., Herrera, E., . . . Manes, F. F. (2012). The face and its emotion: Right N170 deficits in structural processing and early emotional discrimination in schizophrenic patients and relatives. *Psychiatry Research*, 195(1), 18-26. doi:10.1016/j.psychres.2011.07.027

Ihssen, N., & Keil, A. (2013). Accelerative and decelerative effects of hedonic valence and emotional arousal during visual scene processing. *Q J Exp Psychol (Hove)*, 66(7), 1276-1301. doi:10.1080/17470218.2012.737003

Isel, F., & Shen, W. (2011). Modulation of semantic integration as a function of syntactic expectations: event-related brain potential evidence. *NeuroReport*, 22(5), 195-199. doi:10.1097/WNR.0b013e3283437f21

Isler, J. R., Grieve, P. G., Czernochowski, D., Stark, R. I., & Friedman, D. (2008). Cross-frequency phase coupling of brain rhythms during the orienting response. *Brain Research*, 1232, 163-172. doi:10.1016/j.brainres.2008.07.030

Isler, J. R., Grose-Fifer, J., Fifer, W. P., Housman, S. L., Stark, R. I., & Grieve, P. G. (2007). Frequency Domain Analyses of Neonatal Flash VEP. *Pediatric Research*, 62(5), 581-585.

Isler, J. R., Tarullo, A. R., Grieve, P. G., Housman, E., Kaku, M., Stark, R. I., & Fifer, W. P. (2012). Toward an electrocortical biomarker of cognition for newborn infants. *Developmental Science*, 15(2), 260-271. doi:10.1111/j.1467-7687.2011.01122.x

Itthipuripat, S., Garcia, J. O., Rungratsameetaweemana, N., Sprague, T. C., & Serences, J. T. (2014). Changing the spatial scope of attention alters patterns of neural gain in human cortex. *J Neurosci*, 34(1), 112-123. doi:10.1523/JNEUROSCI.3943-13.2014

Itthipuripat, S., Garcia, J. O., & Serences, J. T. (2013). Temporal dynamics of divided spatial attention. *J Neurophysiology*, 109, 2364–2373.
doi:10.1152/jn.01051.2012.-In

Ivannikov, A., Kalyakin, I., Hämäläinen, J. A., Leppanen, P. H. T., Ristaniemi, T., Lyytinen, H., & Karkkainen, T. (2009). ERP denoising in multichannel EEG data using contrasts between signal and noise subspaces. *Journal of neuroscience Methods*, 180, 340-351. doi:10.1016/j.jneumeth.2009.03.021

Iwabuchi, S. J., & Kirk, I. J. (2009). Atypical interhemispheric communication in left-handed individuals. *NeuroReport*, 20(2), 166-169.
doi:10.1097/WNR.0b013e32831f1cbb

Izard, V., Dehaene-Lambertz, G., & Dehaene, S. (2008). Distinct cerebral pathways for object identity and number in human infants. *PLoS biology*, 6(2), 0275-0285.
doi:10.1371/journal. pbio.0060011

Jackson, G. M., Swainson, R., Cunnington, R., & Jackson, S. R. (2001). ERP correlates of executive control during repeated language switching. *Bilingualism: Language and Cognition*, 4(2), 169-178.

Jackson, G. M., Swainson, R., Mort, D., & Husain, M. (2004). Implicit processing of global information in Balint's Syndrome. *Cortex*, 40(1), 179-180.
doi:10.1016/S0010-9452(08)70941-9

Jackson, S. R., Jackson, G. M., & Roberts, M. (1999). The selection and suppression of action: ERP correlates of executive control in humans. *NeuroReport*, 10(4), 861-865.

Jacobs, J., Hwang, G., Curran, T., & Kahana, M. J. (2006). EEG oscillations and recognition memory: theta correlates of memory retrieval and decision making. *NeuroImage*, 32, 978-987. doi:10.1016/j.neuroimage.2006.02.018

Jakoby, H., Goldstein, A., & Faust, M. (2011). Electrophysiological correlates of speech perception mechanisms and individual differences in second language attainment. *Psychophysiology*, 48, 1516-1530. doi:10.1111/j.1469-8986.2011.01227

Jalili, M. (2014). Hemispheric asymmetry of electroencephalography-based functional brain networks. *NeuroReport*, 25(16), 1266-1271.
doi:10.1097/wnr.0000000000000256

Jalili, M. (2015). EEG-based functional brain networks: hemispheric differences in males

and females. *Networks and Heterogeneous Media*, 10(1), 223-232.

Jalili, M. (2015). Multivariate Synchronization Analysis of Brain Electroencephalography Signals: A Review of Two Methods. *Cognitive Computation*, 7(1), 3-10.

Jalili, M., Barzegaran, E., & Knyazeva, M. G. (2014). Synchronization of EEG: bivariate and multivariate measures. *IEEE Trans Neural Syst Rehabil Eng*, 22(2), 212-221. doi:10.1109/TNSRE.2013.2289899

Jalili, M., Lavoie, S., Deppen, P., Meuli, R., Do, K. Q., Cuenod, M., . . . Knyazeva, M. G. (2007). Dysconnection topography in schizophrenia revealed with state-space analysis of EEG. *PLoS one*, 2(10), e1059. doi:10.1371/journal.pone.0001059

Jalili, M., Meuli, R., Do, K. Q., Hasler, M., Crow, T., & Knyazeva, M. G. (2010). Attenuated asymmetry of functional connectivity in schizophrenia: A high-resolution EEG study. *Psychophysiology*, 47(4), 706-716. doi:10.1111/j.1469-8986.2009.00971.x

Jamal, W., Das, S., Oprescu, I. A., Maharatna, K., Apicella, F., & Sicca, F. (2014). Classification of autism spectrum disorder using supervised learning of brain connectivity measures extracted from synchrostates. *J Neural Eng*, 11(4), 046019. doi:10.1088/1741-2560/11/4/046019

Janata, P. (2001). Brain electrical activity evoked by mental formation of auditory expectations and images. *Brain Topography*, 13(3), 169-193.

Jang, K.-M., & Kim, M.-S. (2014). Relationships among Event-Related Potentials, Memory, and Schizophrenic Symptoms in College Students with Schizotypal-Traits. *Open Journal of Psychiatry*, 04(04), 353-363. doi:10.4236/ojpsych.2014.44041

Jaworek, A., Weymar, M., Löw, A., & Hamm, A. O. (2014). Brain potentials reflecting spontaneous retrieval of emotional long-term memories. *Cognitive Neuroscience*, 5(3-4), 168-176. doi:10.1080/17588928.2014.916259

Jeste, S. S., Hirsch, S., Vogel-Farley, V., Norona, A., Navalta, M. C., Gregas, M. C., . . . Nelson, C. A. (2012). Atypical Face Processing in Children With Tuberous Sclerosis Complex. *Journal of Child Neurology*. doi:10.1177/0883073812465122

Jeste, S. S., Kirkham, N., Senturk, D., Hasenstab, K., Sugar, C., Kupelian, C., . . . Norona, A. (2015). Electrophysiological evidence of heterogeneity in visual statistical learning in young children with ASD. *Developmental Science*, 18(1), 90-105.

- Jeste, S. S., Kirkham, N., Senturk, D., Hasenstab, K., Sugar, C., Kupelian, C., . . . Johnson, S. P. (2015). Electrophysiological evidence of heterogeneity in visual statistical learning in young children with ASD. *Dev Sci*, 18(1), 90-105. doi:10.1111/desc.12188
- Jeste, S. S., & Nelson III, C. A. (2009). Event related potentials in the understanding of autism spectrum disorders: an analytical review. *Journal of autism and developmental disorders*, 39, 495-510. doi:10.1007/s10803-008-0652-9
- Jetha, M., Zheng, X., Schmidt, L. A., & Segalowitz, S. J. (2012). Shyness and the first 100 ms of emotional face processing. *Social Neuroscience*, 7(1), 74-89. doi:10.1080/17470919.2011.581539
- Jiang, Z.-q., Li, W.-h., Liu, Y., Luo, Y.-j., Luu, P., & Tucker, D. M. (2014). When affective word valence meets linguistic polarity: Behavioral and ERP evidence. *Journal of Neurolinguistics*, 28, 19-30. doi:10.1016/j.jneuroling.2013.11.001
- Jing, H., Pivik, R. T., Gilchrist, J. M., & Badger, T. M. (2008). No difference indicated in electroencephalographic power spectral analysis in 3-and 6-month-old infants fed soy-or milk-based formula. *Maternal & Child Nutrition*, 4(2), 136-145. doi:10.1111/j.1740-8709.2007.00102.x
- Johnson, B. W., & Hamm, J. P. (2000). High-density mapping in an N400 paradigm: evidence for bilateral temporal lobe generators. *Clinical Neurophysiology*, 111, 532-545.
- Johnson, B. W., Hautus, M. J., & Clapp, W. C. (2003). Neural activity associated with binaural processes for the perceptual segregation of pitch. *Clinical Neurophysiology*, 114(12), 2245-2250. doi:10.1016/S1388-2457(03)00247-5
- Johnson, B. W., Hautus, M. J., Duff, D. J., & Clapp, W. C. (2007). Sequential processing of interaural timing differences for sound source segregation and spatial localization: Evidence from event-related cortical potentials. *Psychophysiology*, 44, 541-551. doi:10.1111/j.1469-8986.2007.00535.x
- Johnson, B. W., Hautus, M. J., Hayns, A. L., & Fitzgibbon, B. M. (2006). Differential cortical processing of location and pitch changes in dichotic pitch. *NeuroReport*, 17(4), 389-393. doi:10.1097/01.wnr.0000203358.72814.df
- Johnson, B. W., McKenzie, K. J., & Hamm, J. P. (2002). Cerebral asymmetry for mental rotation: effects of response hand, handedness and gender. *NeuroReport*, 13(15), 1929-1932.
- Johnson, B. W., Sleigh, J., & Kirk, I. J. (2003). High-density EEG mapping during

general anaesthesia with xenon and propofol: a pilot study. *Anaesthesia and intensive Care*, 31(2), 155-163.

Johnson, K., Conture, E. G., & Walden, T. A. (2012). Efficacy of attention regulation in preschool-age children who stutter: A preliminary investigation. *Journal of Communication Disorders*, 45, 263-278.
doi:<http://dx.doi.org/10.1016/j.jcomdis.2012.04.001>

Johnson, M. H. (2000). Functional brain development in infants: Elements of an interactive specialization framework. *Child Development*, 71(1), 75-81.

Johnson, M. H., de Haan, M., Oliver, A., Smith, W., Hatzakis, H., Tucker, L. A., & Csibra, G. (2001). Recording and Analyzing High-Density Event-Related Potentials with Infants Using the Geodesic Sensor Net. *Developmental Neuropsychology*, 19(3), 295-323.

Johnson, M. H., Griffin, R., Csibra, G., Halit, H., Farroni, T., Haan, M. D., . . . Richards, J. E. (2005). The emergence of the social brain network: Evidence from typical and atypical development. *Development and psychopathology*, 17, 599-619.
doi:[10.1017/S0954579405050297](https://doi.org/10.1017/S0954579405050297)

Johnson, M. H., & Mareschal, D. (2001). Cognitive and perceptual development during infancy. *Current opinion in Neurobiology*, 11(2), 213-218.

Jones, E. J., Venema, K., Lowy, R., Earl, R. K., & Webb, S. J. (2015). Developmental changes in infant brain activity during naturalistic social experiences. *Developmental Psychobiology*. doi:[10.1002/dev.21336](https://doi.org/10.1002/dev.21336)

Jones, M., Curran, T., Mozer, M. C., & Wilder, M. H. (2013). Sequential effects in response time reveal learning mechanisms and event representations. *Psychological Review*, 120(3), 628-666. doi:[10.1037/a0033180.supp](https://doi.org/10.1037/a0033180.supp)

Jones, S. G., Riedner, B. A., Smith, R. F., Ferrarelli, F., Tononi, G., Davidson, R. J., & Benca, R. M. (2014). Regional reductions in sleep electroencephalography power in obstructive sleep apnea: a high-density EEG study. *Sleep*, 37(2), 399-407.
doi:[10.5665/sleep.3424](https://doi.org/10.5665/sleep.3424)

Jongin, K., Suh-Kyung, L., & Boreom, L. (2014). EEG classification in a single-trial basis for vowel speech perception using multivariate empirical mode decomposition. *Journal of Neural Engineering*, 11(3), 036010. Retrieved from <http://stacks.iop.org/1741-2552/11/i=3/a=036010>

Jost, E., Conway, C. M., Purdy, J. D., & Hendricks, M. A. (2011). Neurophysiological Correlates of Visual Statistical Learning in Adults and Children. *Saint Louis*

University, 2526-2531.

Jost, L., Eberhard-Moscicka, A., Frisch, C., Dellwo, V., & Maurer, U. (2014). Integration of Spoken and Written Words in Beginning Readers: A Topographic ERP Study. *Brain Topography*, 27(6), 786-800. doi:10.1007/s10548-013-0336-4

Jost, L. B., Eberhard-Moscicka, A. K., Frisch, C., Dellwo, V., & Maurer, U. (2013). Integration of Spoken and Written Words in Beginning Readers: A Topographic ERP Study. *Brain Topogr.* doi:10.1007/s10548-013-0336-4

Jost, L. B., Eberhard-Moscicka, A. K., Pleisch, G., Heusser, V., Brandeis, D., Zevin, J. D., & Maurer, U. (2015). Native and non-native speech sound processing and the neural mismatch responses: A longitudinal study on classroom-based foreign language learning. *Neuropsychologia*, 72, 94-104.
doi:<http://dx.doi.org/10.1016/j.neuropsychologia.2015.04.029>

Joudaki, A., Salehi, N., Jalili, M., & Knyazeva, M. (2012). EEG-Based Functional Brain Networks: Does the Network Size Matter? *PloS one*, 7(4), e35673.
doi:10.1371/journal.pone.0035673

Jucaitè, A. (2004). Attention-deficit/hyperactivity disorder-alterations of motor behaviour and dopaminergic transmission. *Karolinska Institutet*, 1-57.

Junghofer, M., Bradley, M. M., Elbert, T. R., & Lang, P. J. (2001). Fleeting images: A new look at early emotion discrimination. *Psychophysiology*, 38, 175-178.

Junghofer, M., Elbert, T. R., Tucker, D. M., & Braun, C. (1999). The polar average reference effect: a bias in estimating the head surface integral in EEG recording. *Clinical Neurophysiology*, 110, 1149-1155.

Junghofer, M., Elbert, T. R., Tucker, D. M., & Rockstroh, B. (2000). Statistical control of artifacts in dense array EEG/MEG studies. *Psychophysiology*, 37(04), 523-532.

Kaatiala, J., Yrttiaho, S., Forssman, L., Perdue, K., & Leppanen, J. (2013). A graphical user interface for infant ERP analysis. *Behav Res Methods*. doi:10.3758/s13428-013-0404-4

Kabdebon, C., Pena, M., Buiatti, M., & Dehaene-Lambertz, G. (2015). Electrophysiological evidence of statistical learning of long-distance dependencies in 8-month-old preterm and full-term infants. *Brain and Language*.

Kaczkurkin, A. N. (2013). The effect of manipulating task difficulty on error-related negativity in individuals with obsessive-compulsive symptoms. *Biol Psychol*, 93(1), 122-131. doi:10.1016/j.biopsych.2013.01.001

- Kamp, S. M., Brumback, T., & Donchin, E. (2013). The component structure of ERP subsequent memory effects in the Von Restorff paradigm and the word frequency effect in recall. *Psychophysiology*. doi:10.1111/psyp.12090
- Kamp, S. M., Potts, G. F., & Donchin, E. (2015). On the roles of distinctiveness and semantic expectancies in episodic encoding of emotional words. *Psychophysiology*.
- Karamzadeh, N., Medvedev, A., Azari, A., Gandjbakhche, A., & Najafizadeh, L. (2012). Capturing dynamic patterns of task-based functional connectivity with EEG. *NeuroImage*, 66C, 311-317. doi:10.1016/j.neuroimage.2012.10.032
- Kargiotis, O., Lascano, A. M., Garibotto, V., Spinelli, L., Genetti, M., Wissmeyer, M., . . . Vulliemoz, S. (2014). Localization of the epileptogenic tuber with electric source imaging in patients with tuberous sclerosis. *Epilepsy Res*, 108(2), 267-279. doi:10.1016/j.eplepsyres.2013.11.003
- Kashihara, K. (2014). A brain-computer interface for potential non-verbal facial communication based on EEG signals related to specific emotions. *Front Neurosci*, 8, 244. doi:10.3389/fnins.2014.00244
- Kastner, A. K., Pauli, P., & Wieser, M. J. (2015). Sustained attention in context conditioning: Evidence from steady-state VEPs. *International Journal of Psychophysiology*. doi:10.1016/j.ijpsycho.2015.03.005
- Kattenstroth, J. C., Kalisch, T., Peters, S., Tegenthoff, M., & Dinse, H. R. (2012). Long-term sensory stimulation therapy improves hand function and restores cortical responsiveness in patients with chronic cerebral lesions. Three single case studies. *Front Hum Neurosci*, 6, 244. doi:10.3389/fnhum.2012.00244
- Kaufman, J., Csibra, G., & Johnson, M. H. (2003). Representing occluded objects in the human infant brain. *Proceedings of the Royal Society*, 270, S140-S143. doi:10.1098/rsbl.2003.0067
- Keehn, B., Vogel-Farley, V., Tager-Flusberg, H., & Nelson, C. A. (2015). Atypical Hemispheric Specialization for Faces in Infants at Risk for Autism Spectrum Disorder. *Autism Research*, 8(2), 187-198.
- Keil, A., Bradley, M. M., Hauk, O., Rockstroh, B., Elbert, T. R., & Lang, P. J. (2002). Large-scale neural correlates of affective picture processing. *Psychophysiology*, 39, 641-649. doi:10.1017/S0048577202394162
- Keil, A., Bradley, M. M., Ihssen, N., Heim, S., Villa, J., Guerra, P., & Lang, P. J. (2010).

Defensive engagement and perceptual enhancement. *Neuropsychologia*, 48, 3580-3584. doi:10.1016/j.neuropsychologia.2010.08.007

Keil, A., Costa, V., Smith, J. C., Sabatinelli, D., McGinnis, E. M., Bradley, M. M., & Lang, P. J. (2011). Tagging cortical networks in emotion: A topographical analysis. *Human Brain Mapping*, IN PRESS. doi:10.1002/hbm.21413

Keil, A., Debener, S., Gratton, G., Junghofer, M., Kappenman, E. S., Luck, S. J., . . . Yee, C. M. (2014). Committee report: publication guidelines and recommendations for studies using electroencephalography and magnetoencephalography. *Psychophysiology*, 51(1), 1-21. doi:10.1111/psyp.12147

Keil, A., & Heim, S. (2009). Prolonged reduction of electrocortical activity predicts correct performance during rapid serial visual processing. *Psychophysiology*, 46, 718-725. doi:10.1111/j.1469-8986.2009.00824.x

Keil, A., Moratti, S., Sabatinelli, D., & Bradley, M. M. (2005). Additive effects of emotional content and spatial selective attention on electrocortical facilitation. *Cerebral Cortex*, 15(8), 1187-1197. doi:10.1093/cercor/bhi001

Keil, A., Müller, M., Gruber, T., Wienbruch, C., & Elbert, T. R. (2001). Human large-scale oscillatory brain activity during an operant shaping procedure. *Cognitive Brain Research*, 12, 397-407.

Keil, A., & Müller, M. M. (2010). Feature selection in the human brain: Electrophysiological correlates of sensory enhancement and feature integration. *Brain Research*, 1313, 172-184. doi:10.1016/j.brainres.2009.12.006

Keil, A., Müller, M. M., Gruber, T., Wienbruch, C., Stolarova, M., & Elbert, T. R. (2001). Effects of emotional arousal in the cerebral hemispheres: a study of oscillatory brain activity and event-related potentials. *Clinical Neurophysiology*, 112, 2057-2068.

Keil, A., Müller, M. M., Ray, W. J., Gruber, T., & Elbert, T. R. (1999). Human gamma band activity and perception of a gestalt. *Journal of Neuroscience*, 19(16), 7152-7161.

Keil, A., Sabatinelli, D., Ding, M., Lang, P. J., Ihssen, N., & Heim, S. (2009). Re-entrant projections modulate visual cortex in affective perception: Evidence from Granger causality analysis. *Human Brain Mapping*, 30, 532-540. doi:10.1002/hbm.20521

Keil, A., Smith, J. C., Wangelin, B. C., Sabatinelli, D., Bradley, M. M., & Lang, P. J. (2008). Electrocortical and electrodermal responses covary as a function of

emotional arousal: a single-trial analysis. *Psychophysiology*, 45, 516-523.
doi:10.1111/j.1469-8986.2008.00667.x

Keil, A., Stolarova, M., Moratti, S., & Ray, W. J. (2007). Adaptation in human visual cortex as a mechanism for rapid discrimination of aversive stimuli. *NeuroImage*, 36, 472-479. doi:10.1016/j.neuroimage.2007.02.048

Kelly, S., Creigh, P., & Bartolotti, J. (2010). Integrating speech and iconic gestures in a stroop-like task: Evidence for automatic processing. *Journal of Cognitive Neuroscience*, 22(4), 683-694.

Kelly, S., Kravitz, C., & Hopkins, M. (2004). Neural correlates of bimodal speech and gesture comprehension*. 1. *Brain and Language*, 89(1), 253-260.
doi:10.1016/S0093-934X(03)00335-3

Kelly, S., McDevitt, T., & Esch, M. (2009). Brief training with co-speech gesture lends a hand to word learning in a foreign language. *Language and Cognitive Processes*, 24(2), 313-334. doi:10.1080/01690960802365567

Kennedy, B., Rawding, J., Most, S., & Hoffman, J. (2014). Emotion-induced blindness reflects competition at early and late processing stages: An ERP study. *Cognitive, Affective, & Behavioral Neuroscience*, 14(4), 1485-1498.
doi:10.3758/s13415-014-0303-x

Ketz, N., O'Reilly, R. C., & Curran, T. (2013). Classification aided analysis of oscillatory signatures in controlled retrieval. *NeuroImage*.
doi:10.1016/j.neuroimage.2013.06.077

Ketz, N., O'Reilly, R. C., & Curran, T. (2014). Classification aided analysis of oscillatory signatures in controlled retrieval. *NeuroImage*, 85, Part 2(0), 749-760.
doi:<http://dx.doi.org/10.1016/j.neuroimage.2013.06.077>

Key, A., Lambert, E., Aschner, J. L., & Maitre, N. L. (2012). Influence of gestational age and postnatal age on speech sound processing in NICU infants. *Psychophysiology*, IN PRESS. doi:10.1111/j.1469-8986.2011.01353

Key, A., Molfese..., D., O'brien, L., & Gozal, D. (2009). Sleep-Disordered Breathing Affects Auditory Processing in 5-7-Year-Old Children: Evidence From Brain Recordings. *Developmental Neuropsychology*, 34(5), 615-628.
doi:10.1080/87565640903133608

Key, A., Porter, H. L., & Bradham, T. (2010). Auditory Processing following Sequential Bilateral Cochlear Implantation: A Pediatric Case Study Using Event-Related Potentials. *Journal of the American Academy of Audiology*, 21(4), 225-238.

doi:10.3766/jaaa.21.4.2

Key, A., Stone, W., & Williams, S. M. (2009). What do infants see in faces? ERP evidence of different roles of eyes and mouth for face perception in 9-month-old infants. *Infant and Child Development*, 18, 149-162. doi:10.1002/icd.600

Key, A. P., & Dykens, E. M. (2013). Event-related potential index of age-related differences in memory processes in adults with Down syndrome. *Neurobiol Aging*. doi:10.1016/j.neurobiolaging.2013.07.024

Key, A. P., Jones, D., & Dykens, E. M. (2013). Social and emotional processing in Prader-Willi syndrom: genetic subtype differences. *J Neurodevelopmental Disorders*, 5(7).

Key, A. P., & Yoder, P. J. (2013). Equiprobable and oddball paradigms: two approaches for documenting auditory discrimination. *Dev Neuropsychol*, 38(6), 402-417. doi:10.1080/87565641.2012.718819

Key, A. P. F., & Stone, W. L. (2012). Same but Different: 9-Month-Old Infants at Average and High Risk for Autism Look at the Same Facial Features but Process Them Using Different Brain Mechanisms. *Autism Research*, 5(4), 253-266. doi:10.1002/aur.1231

Khateb, A., Michel, C. M., Pegna, A. J., O'Dochartaigh, S. D., Landis, T., & Annoni, J.-M. (2003). Processing of semantic categorical and associative relations: an ERP mapping study. *International Journal of Psychophysiology*, 49, 41-55. doi:10.1016/S0167-8760(03)00076-X

Khateb, A., Pegna, A. J., Michel, C. M., Landis, T., & Annoni, J.-M. (2002). Dynamics of brain activation during an explicit word and image recognition task: an electrophysiological study. *Brain Topography*, 14(3), 197-213.

Khosravifard, M., Harandi, M., van der Meer, A., & van der Weel, R. (2015). *Perceptual Learning through Brain Computer Interface in Young Infants*. Paper presented at the Studies in Perception and Action XIII: Eighteenth International Conference on Perception and Action.

Kiefer, M. (2001). Perceptual and semantic sources of category-specific effects: Event-related potentials during picture and word categorization. *Memory and Cognition*, 29(1), 100-116.

Kiefer, M., Marzinzik, F., Weisbrod, M., Scherg, M., & Spitzer, M. (1998). The time course of brain activations during response inhibition: evidence from event-related potentials in a go/no go task. *NeuroReport*, 9(4), 765-770.

- Kiefer, M., Weisbrod, M., Kern, I., Maier, S., & Spitzer, M. (1998). Right hemisphere activation during indirect semantic priming: Evidence from event-related potentials. *Brain and Language*, 64(3), 377-408.
- Kiguchi, K., Tamura, K., & Hayashi, Y. (2014, 3-7 Aug. 2014). *Estimation of user's hand motion based on EMG and EEG signals*. Paper presented at the World Automation Congress (WAC), 2014.
- Killeen, L. A., & Teti, D. M. (2012). Mothers' frontal EEG asymmetry in response to infant emotion states and mother-infant emotional availability, emotional experience, and internalizing symptoms. *Dev Psychopathol*, 24(1), 9-21. doi:10.1017/S0954579411000629
- Killikelly, C., & Szucs, D. (2013). Delayed development of proactive response preparation in adolescents: ERP and EMG evidence. *Dev Cogn Neurosci*, 3, 33-43. doi:10.1016/j.dcn.2012.08.002
- Killikelly, C., & Szűcs, D. (2013). Asymmetry in stimulus and response conflict processing across the adult lifespan: ERP and EMG evidence. *Cortex*. doi:10.1016/j.cortex.2013.08.017
- Kilner, J., Bott, L., & Posada, A. (2005). Modulations in the degree of synchronization during ongoing oscillatory activity in the human brain. *European Journal of Neuroscience*, 21, 2547-1554. doi:10.1111/j.1460-9568.2005.04069.x
- Kilner, J., Paulignan, Y., & Boussaoud, D. (2004). Functional connectivity during real vs imagined visuomotor tasks: an EEG study. *NeuroReport*, 15(4), 637-641. doi:10.1097/01.wnr.0000116965.73984.83
- Kim, M., Oh, S., Jang, K., Che, H., & Im, C.-H. (2012). Electrophysiological correlates of cognitive inhibition in college students with schizotypal traits. *Open Journal of Psychiatry*, 2, 68-76. doi:10.4236/ojpsych.2012.21010
- Kim, S., Liu, Z., Glizer, D., Tannock, R., & Woltering, S. (2013). Adult ADHD and working memory: Neural evidence of impaired encoding. *Clin Neurophysiol*. doi:10.1016/j.clinph.2013.12.094
- Kim, S., Liu, Z., Glizer, D., Tannock, R., & Woltering, S. (2014). Adult ADHD and working memory: Neural evidence of impaired encoding. *Clinical Neurophysiology*, 125(8), 1596-1603. doi:<http://dx.doi.org/10.1016/j.clinph.2013.12.094>
- Kim, S.-H., Jang, K.-M., & Kim, M.-S. (2015). Deficits in Error-Monitoring by College

Students with Schizotypal Traits: An Event-Related Potential Study. *PloS one*, 10(3), e0122861. Retrieved from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4380405/pdf/pone.0122861.pdf>

Kim, Y. J., & Verghese, P. (2012). The selectivity of task-dependent attention varies with surrounding context. *J Neurosci*, 32(35), 12180-12191.
doi:10.1523/JNEUROSCI.5992-11.2012

King, J. R., Faugeras, F., Gramfort, A., Schurger, A., El Karoui, I., Sitt, J. D., . . . Dehaene, S. (2013). Single-trial decoding of auditory novelty responses facilitates the detection of residual consciousness. *NeuroImage*, 83C, 726-738.
doi:10.1016/j.neuroimage.2013.07.013

Kirihara, K., Kasai, K., Tada, M., Nagai, T., Kawakubo, Y., Yamasaki, S., . . . Araki, T. (2012). Neurophysiological impairment in emotional face processing is associated with low extraversion in schizophrenia. *Prog Neuropsychopharmacol Biol Psychiatry*, 37(2), 270-275. doi:10.1016/j.pnpbp.2012.02.012

Kissler, J., & Herbert, C. (2012). Emotion, Etmnooi, or Emitoon? - Faster lexical access to emotional than to neutral words during reading. *Biol Psychol*.
doi:10.1016/j.biopsych.2012.09.004

Klamer, S., Elshahabi, A., Lerche, H., Braun, C., Erb, M., Scheffler, K., & Focke, N. K. (2015). Differences Between MEG and High-Density EEG Source Localizations Using a Distributed Source Model in Comparison to fMRI. *Brain Topography*, 28(1), 87-94. doi:10.1007/s10548-014-0405-3

Klamer, S., Rona, S., Elshahabi, A., Lerche, H., Braun, C., Honegger, J., . . . Focke, N. K. (2015). Multimodal effective connectivity analysis reveals seizure focus and propagation in musicogenic epilepsy. *NeuroImage*, 113, 70-77.

Kleffner-Canucci, K., Luu, P., Naleway, J., & Tucker, D. M. (2012). A Novel Hydrogel Electrolyte Extender for Rapid Application of EEG Sensors and Extended Recordings. *Journal of neuroscience Methods*, 206(1), 83-87.
doi:10.1016/j.jneumeth.2011.11.021

Klein, C., Hänggi, J., Luechinger, R., & Jäncke, L. (2015). MRI with and without a high-density EEG cap—what makes the difference? *NeuroImage*, 106(0), 189-197.
doi:<http://dx.doi.org/10.1016/j.neuroimage.2014.11.053>

Klein, C., Hernandez, L. D., Koenig, T., Kottlow, M., Elmer, S., & Jäncke, L. (2015). The influence of pre-stimulus EEG activity on reaction time during a verbal sternberg task is related to musical expertise. *Brain Topography*.

- Knight, J., Ethridge, L., Marsh, R. L., & Clementz, B. A. (2010). Neural Correlates of Attentional and Mnemonic Processing in Event-Based Prospective Memory. *Frontiers in Human Neuroscience*, 4(5), 1-13. doi:10.3389/neuro.09.005.2010
- Knight, J., Marsh, R., Brewer, G. A., & Clementz, B. A. (2012). Preparatory distributed cortical synchronization determines execution of some, but not all, future intentions. *Psychophysiology*, 1-13. doi:10.1111/j.1469-8986.2012.01400
- Knoth, I. S., Vannasing, P., Major, P., Michaud, J. L., & Lippe, S. (2014). Alterations of visual and auditory evoked potentials in fragile X syndrome. *Int J Dev Neurosci*, 36, 90-97. doi:10.1016/j.ijdevneu.2014.05.003
- Knowland, V. C., Mercure, E., Karmiloff-Smith, A., Dick, F., & Thomas, M. S. (2014). Audio-visual speech perception: a developmental ERP investigation. *Dev Sci*, 17(1), 110-124. doi:10.1111/desc.12098
- Knyazeva, M. G., Carmeli, C., Fornari, E., Meuli, R., Small, M., Frackowiak, R. S., & Maeder, P. (2011). Binding under Conflict Conditions: State-Space Analysis of Multivariate EEG Synchronization. *Journal of Cognitive Neuroscience*, 23(9), 2363-2375.
- Knyazeva, M. G., Carmeli, C., Khadivi, A., Ghika, J., Meuli, R., & Frackowiak, R. S. (2013). Evolution of source EEG synchronization in early Alzheimer's disease. *Neurobiol Aging*, 34(3), 694-705. doi:10.1016/j.neurobiolaging.2012.07.012
- Kóbor, A., Takács, Á., Janacsek, K., Németh, D., Honbolygó, F., & Csépe, V. (2015). Different strategies underlying uncertain decision making: Higher executive performance is associated with enhanced feedback-related negativity. *Psychophysiology*, 52(3), 367-377.
- Koessler, L., Benhadid, A., Maillard, L., Vignal, J. P., Felblinger, J., Vespignani, H., & Braun, M. (2008). Automatic localization and labeling of EEG sensors (ALLES) in MRI volume. *NeuroImage*, 41(3), 914-923. doi:10.1016/j.neuroimage.2008.02.039
- Koessler, L., Maillard, L., Benhadid, A., Vignal, J. P., Felblinger, J., Vespignani, H., & Braun, M. (2009). Spatial localization of EEG electrodes. *NeuroImage*, 46, 64-72. doi:10.1016/j.neuroimage.2009.02.006
- Kohls, G., Peltzer, J., Schulte-Rüther, M., Kamp-Becker, I., Remschmidt, H., Herpertz-Dahlmann, B., & Konrad, K. (2011). Atypical Brain Responses to Reward Cues in Autism as Revealed by Event-Related Potentials. *Journal of autism and developmental disorders*, 41, 1523-1533. doi:10.1007/s10803-011-1177-1

Koike, S., Takano, Y., Iwashiro, N., Satomura, Y., Suga, M., Nagai, T., . . . Kasai, K. (2013). A multimodal approach to investigate biomarkers for psychosis in a clinical setting: The integrative neuroimaging studies in schizophrenia targeting for early intervention and prevention (IN-STEP) project. *Schizophr Res*, 143(1), 116-124. doi:10.1016/j.schres.2012.11.012

Kömek, K., Bard Ermentrout, G., Walker, C. P., & Cho, R. Y. (2012). Dopamine and gamma band synchrony in schizophrenia - insights from computational and empirical studies. *European Journal of Neuroscience*, 36(2), 2146-2155. doi:10.1111/j.1460-9568.2012.08071.x

Kong, X., Chen, X., Tan, B., Zhao, D., Jin, Z., & Li, L. (2013). Sad facial cues inhibit temporal attention: evidence from an event-related potential study. *NeuroReport*, 24(9), 476-481. doi:10.1097/WNR.0b013e328361c720

Kontos, A. P., Reches, A., Elbin, R., Dickman, D., Laufer, I., Geva, A. B., . . . Collins, M. W. (2015). Preliminary evidence of reduced brain network activation in patients with post-traumatic migraine following concussion. *Brain Imaging and Behavior*.

Koravand, A., Jutras, B., & Lassonde, M. (2013). Auditory event related potentials in children with peripheral hearing loss. *Clin Neurophysiol*, 124(7), 1439-1447. doi:10.1016/j.clinph.2013.01.016

Koshizawa, R., Mori, A., Oki, K., Ozawa, T., Takayose, M., & Minakawa, N. T. (2013). Beta band patterns in the visible and masked sections of the coincidence-anticipation timing task. *NeuroReport*, 24(1), 10-15. doi:10.1097/WNR.0b013e32835b91cf

Koshizawa, R., Mori, A., Oki, K., Takayose, M., & Minakawa, N. T. (2014). Effects of training the coincidence-anticipation timing task on response time and activity in the cortical region. *NeuroReport*, 25(7), 527-531. doi:10.1097/WNR.0000000000000129

Koslov, K., Mendes, W. B., Pajtas, P. E., & Pizzagalli, D. A. (2011). Asymmetry in Resting Intracortical Activity as a Buffer to Social Threat. *Psychological Science*, 22(10), 1277-1279. doi:10.1177/0956797611403156

Kostyunina, M. B., & Posada, A. (2012). Wavelet analysis and its application in investigation of brain potentials during verbal task solving. *Biophysics*, 57(4), 556-561. doi:10.1134/s0006350912040082

Kota, S., Kelsey, K. M., Rigoni, J. B., & Molfese, D. L. (2013). Feasibility of using event-related potentials as a sideline measure of neurocognitive dysfunction during sporting events. *NeuroReport*, 24(8), 437-439.

doi:10.1097/WNR.0b013e3283616512

Kotsoni, E., de Haan, M., & Johnson, M. H. (2001). Categorical perception of facial expressions by 7-month-old infants. *PERCEPTION-LONDON-*, 30(9), 1115-1125. doi:10.1068/p3155

Kozhevnikov, M., & Dhond, R. P. (2012). Understanding Immersivity: Image Generation and Transformation Processes in 3D Immersive Environments. *Front Psychol*, 3, 284. doi:10.3389/fpsyg.2012.00284

Kranczioch, C., Debener, S., & Engel, A. K. (2003). Event-related potential correlates of the attentional blink phenomenon. *Cognitive Brain Research*, 17, 177-187. doi:10.1016 / S0926-6410(03)00092-2

Kranczioch, C., Debener, S., Herrmann, C. S., & Engel, A. K. (2006). EEG gamma-band activity in rapid serial visual presentation. *Experimental Brain Research*, 169, 246-254.

Kranczioch, C., Debener, S., Maye, A., & Engel, A. K. (2007). Temporal dynamics of access to consciousness in the attentional blink. *NeuroImage*, 37, 947-955. doi:10.1016/j.neuroimage.2007.05.044

Krishnan, L., Kang, A., Sperling, G., & Srinivasan, R. (2012). Neural Strategies for Selective Attention Distinguish Fast-Action Video Game Players. *Brain Topography*, 1-15. doi:10.1007/s10548-012-0232-3

Krishnan, L., Kang, A., Sperling, G., & Srinivasan, R. (2013). Neural strategies for selective attention distinguish fast-action video game players. *Brain Topogr*, 26(1), 83-97. doi:10.1007/s10548-012-0232-3

Krishnaswamy, P., Bonmassar, G., Poulsen, C., Pierce, E. T., Purdon, P. L., & Brown, E. N. (2015). Reference-Free Removal of EEG-fMRI Ballistocardiogram Artifacts with Harmonic Regression. *NeuroImage*. doi:10.1016/j.neuroimage.2015.06.088

Krishnaswamy, P., Bonmassar, G., Poulsen, C., Pierce, E. T., Purdon, P. L., & Brown, E. N. (in press). Reference-free removal of EEG-fMRI ballistocardiogram artifacts with harmonic regression. *NeuroImage*. doi:10.1016/j.neuroimage.2015.06.088

Kroupi, E., Hanhart, P., Lee, J.-S., Rerabek, M., & Ebrahimi, T. (2014). User-independent classification of 2D versus 3D multimedia experiences through EEG and physiological signals. *8th International Workshop on Video Processing and Quality Metrics for Consumer Electronics, VPQM 2014*.

Krusemark, E., Campbell, W. K., & Clementz, B. A. (2008). Attributions, deception, and

event related potentials: An investigation of the self-serving bias.
Psychophysiology, 45, 511-515. doi:10.1111/j.1469-8986.2008.00659.x

Kuhnus, J., Elmer, S., Meyer, M., & Jancke, L. (2013). Musicianship boosts perceptual learning of pseudoword-chimeras: an electrophysiological approach. *Brain Topogr*, 26(1), 110-125. doi:10.1007/s10548-012-0237-y

Kühnus, J., Elmer, S., Meyer, M., & Jäncke, L. (2012). Musicianship Boosts Perceptual Learning of Pseudoword-Chimeras: An Electrophysiological Approach. *Brain Topography*, 1-16. doi:10.1007/s10548-012-0237-y

Kundu, B., Sutterer, D. W., Emrich, S. M., & Postle, B. R. (2013). Strengthened effective connectivity underlies transfer of working memory training to tests of short-term memory and attention. *Journal of Neuroscience, in the press*.

Kuo, C.-C., L. Knight, J., A. Dressel, C., & W. L. Chiu, A. (2012). Non-Invasive BCI for the Decoding of Intended Arm Reaching Movement in Prosthetic Limb Control. *American Journal of Biomedical Engineering*, 2(4), 155-162. doi:10.5923/j.ajbe.20120204.02

Kuo, C. C., Luu, P., Morgan, K. K., Dow, M., Davey, C., Song, J., . . . Tucker, D. M. (2014). Localizing movement-related primary sensorimotor cortices with multi-band EEG frequency changes and functional MRI. *PloS one*, 9(11), e112103. doi:10.1371/journal.pone.0112103

Kuo, C. C., Zhang, C., Rissman, R. A., & Chiu, A. W. (2014). Long-Term Electrophysiological and Behavioral Analysis on the Improvement of Visual Working Memory Load, Training Gains, and Transfer Benefits. *J Behav Brain Sci*, 4(5), 234-246. doi:10.4236/jbbs.2014.45025

Kurs. (2010). Suppl. 1-3.

Kurth, S., Ringli, M., Geiger, A., Lebourgeois, M., Jenni, O. G., & Huber, R. (2010). Mapping of Cortical Activity in the First Two Decades of Life: A High-Density Sleep Electroencephalogram Study. *Journal of Neuroscience*, 30(40), 13211-13219. doi:10.1523/JNEUROSCI.2532-10.2010

Kurth, S., Ringli, M., Lebourgeois, M. K., Geiger, A., Buchmann, A., Jenni, O. G., & Huber, R. (2012). Mapping the electrophysiological marker of sleep depth reveals skill maturation in children and adolescents. *NeuroImage*, 63(2), 959-965. doi:10.1016/j.neuroimage.2012.03.053

Kurtz, B. A. (2011). The perception of illusory contours in young and older observers-an explorative study using psychophysics and EEG. *Universität Göttingen*, 1-91.

Kushnerenko, E., Teinonen, T., Volein, A., & Csibra, G. (2008). Electrophysiological evidence of illusory audiovisual speech percept in human infants. *Proc Natl Acad Sci U S A*, 105(32), 11442-11445. doi:10.1073/pnas.0804275105

Kushnerenko, E., Tomalski, P., Ballieux, H., Potton, A., Birtles, D., Frostick, C., & Moore, D. G. (2013). Brain responses and looking behavior during audiovisual speech integration in infants predict auditory speech comprehension in the second year of life. *Front Psychol*, 4, 432. doi:10.3389/fpsyg.2013.00432

Kushnerenko, E., Tomalski, P., Ballieux, H., Ribeiro, H., Potton, A., Axelsson, E. L., . . . Moore, D. G. (2013). Brain responses to audiovisual speech mismatch in infants are associated with individual differences in looking behaviour. *Eur J Neurosci*, 38(9), 3363-3369. doi:10.1111/ejn.12317

Kwon, J. S., O'Donnell, B. F., Wallenstein, G. V., Greene, R. W., Hirayasu, Y., Nestor, P. G., . . . McCarley, R. W. (1999). Gamma frequency-range abnormalities to auditory stimulation in schizophrenia. *Archives of General Psychiatry*, 56, 1001-1005.

Labonté-LeMoigne, É., Santhanam, R., Léger, P.-M., Courtemanche, F., Fredette, M., & Sénechal, S. (2015). The delayed effect of treadmill desk usage on recall and attention. *Computers in Human Behavior*, 46, 1-5. doi:10.1016/j.chb.2014.12.054

Lackner, C. L. (2009). Preliminary Investigations of Dopaminergic Contributions to Preschoolers' Theory of Mind Development. *Queen's University*, 1-106.

Lackner, C. L., Bowman, L. C., & Sabbagh, M. A. (2010). Dopaminergic functioning and preschoolers' theory of mind. *Neuropsychologia*, 48, 1767-1774. doi:10.1016/j.neuropsychologia.2010.02.027

Ladouceur, C., Conway, A., & Dahl, R. (2010). Attentional Control Moderates Relations Between Negative Affect and Neural Correlates of Action Monitoring in Adolescence. *Developmental Neuropsychology*, 35(2), 194-211. doi:10.1080/87565640903526553

Ladouceur, C., Dahl, R., Birmaher, B., Axelson, D. A., & Ryan, N. D. (2006). Increased error-related negativity (ERN) in childhood anxiety disorders: ERP and source localization. *Journal of Child Psychology and Psychiatry*, 47(10), 1073-1082. doi:10.1111/j.1469-7610.2006.01654.x

Ladouceur, C., Dahl, R., & Carter, C. S. (2004). ERP correlates of action monitoring in adolescence. *Annals of the New York Academy of Sciences*, 1021, 329-336.

- Ladouceur, C., Dahl, R., & Carter, C. S. (2007). Development of action monitoring through adolescence into adulthood: ERP and source localization. *Developmental Science*, 10(6), 874-891. doi:10.1111/j.1467-7687.2007.00639.x
- Lahat, A., Helwig, C. C., & Zelazo, P. D. (2012). An Event-Related Potential Study of Adolescents' and Young Adults' Judgments of Moral and Social Conventional Violations. *Child Dev.* doi:10.1111/cdev.12001
- Lahat, A., Lamm, C., Chronis-Tuscano, A., Pine, D. S., Henderson, H. A., & Fox, N. A. (2014). Early behavioral inhibition and increased error monitoring predict later social phobia symptoms in childhood. *J Am Acad Child Adolesc Psychiatry*, 53(4), 447-455. doi:10.1016/j.jaac.2013.12.019
- Lahat, A., Todd, R. M., Mahy, C., Lau, K., & Zelazo, P. D. (2009). Neurophysiological correlates of executive function: a comparison of European-Canadian and Chinese-Canadian 5-year-old children. *Frontiers in Human Neuroscience*, 3(72), 1-10. doi:10.3389/neuro.09.072.2009
- Lahat, A., Walker, O. L., Lamm, C., Degnan, K. A., Henderson, H. A., & Fox, N. A. (2014). Cognitive conflict links behavioral inhibition and social problem solving during social exclusion in childhood. *Infant Child Dev*, 23(3), 273-282. doi:10.1002/icd.1845
- Lai, V., Curran, T., & Menn, L. (2009). Comprehending conventional and novel metaphors: An ERP study. *Brain Research*, 1284, 145-155. doi:10.1016/j.brainres.2009.05.088
- Lai, Y., Tian, Y., & Yao, D. (2011). MMN evidence for asymmetry in detection of IOI shortening and lengthening at behavioral indifference tempo. *Brain Research*, 1367, 170-180. doi:10.1016/j.brainres.2010.10.036
- Lai, Y., & Yao, D. (2011). Effect of intensity accents on the detection of interonset interval variations. *NeuroReport*, 22(15), 749-752. doi:10.1097/WNR.0b013e32834acb3a
- Lalitharatne, T. D., Teramoto, K., Hayashi, Y., & Kiguchi, K. (2014, 7-9 April 2014). *Evaluation of perception-assist with an upper-limb power-assist exoskeleton using EMG and EEG signals*. Paper presented at the Networking, Sensing and Control (ICNSC), 2014 IEEE 11th International Conference on.
- Lamm, C., Granic, I., Zelazo, P. D., & Lewis, M. D. (2011). Magnitude and chronometry of neural mechanisms of emotion regulation in subtypes of aggressive children. *Brain and cognition*, 77, 159-169. doi:10.1016/j.bandc.2011.06.008

- Lamm, C., & Lewis, M. D. (2010). Developmental Change in the Neurophysiological Correlates of Self-Regulation in High- and Low-Emotion Conditions. *Developmental Neuropsychology*, 35(2), 156-176. doi:10.1080/87565640903526512
- Lamm, C., Pine, D. S., & Fox, N. A. (2013). Impact of negative affectively charged stimuli and response style on cognitive-control-related neural activation: an ERP study. *Brain Cogn*, 83(2), 234-243. doi:10.1016/j.bandc.2013.07.012
- Lamm, C., Walker, O. L., Degnan, K. A., Henderson, H. A., Pine, D. S., McDermott, J. M., & Fox, N. A. (2014). Cognitive control moderates early childhood temperament in predicting social behavior in 7-year-old children: an ERP study. *Developmental Science*, 17(5), 667-681. doi:10.1111/desc.12158
- Lamm, C., White, L. K., McDermott, J. M., & Fox, N. A. (2012). Neural activation underlying cognitive control in the context of neutral and affectively charged pictures in children. *Brain Cogn*, 79(3), 181-187. doi:10.1016/j.bandc.2012.02.013
- Lamm, C., Zelazo, P. D., & Lewis, M. D. (2006). Neural correlates of cognitive control in childhood and adolescence: Disentangling the contributions of age and executive function. *Neuropsychologia*, 44, 2139-2148. doi:10.1016/j.neuropsychologia.2005.10.013
- Landi, N., Crowley, M. J., Wu, J., Bailey, C. A., & Mayes, L. C. (2012). Deviant ERP response to spoken non-words among adolescents exposed to cocaine in utero. *Brain and Language*, 120(1), 209-216. doi:10.1016/j.bandl.2011.09.002
- Landi, N., & Perfetti, C. A. (2007). An electrophysiological investigation of semantic and phonological processing in skilled and less-skilled comprehenders. *Brain and Language*, 102, 30-45. doi:10.1016/j.bandl.2006.11.001
- Landsness, E. C., Bruno, M.-A., Noirhomme, Q., Riedner, B. A., Gosseries, O., Schnakers, C., . . . Boly, M. (2011). Electrophysiological correlates of behavioural changes in vigilance in vegetative state and minimally conscious state. *Brain*, 134(8), 2222-2232. doi:10.1093/brain/awr152
- Landsness, E. C., Crupi, D., Hulse, B., Peterson, M. J., Huber, R., Ansari, H., . . . Ghilardi, M. F. (2009). Sleep-dependent improvement in visuomotor learning: a causal role for slow waves. *Sleep*, 32(10), 1273-1284.
- Landsness, E. C., Ferrarelli, F., Sarasso, S., Goldstein, M. R., Riedner, B. A., Cirelli, C., . . . Tononi, G. (2011). Electrophysiological traces of visuomotor learning and their renormalization after sleep. *Clinical Neurophysiology*, 122(2), 2418-2425.

doi:10.1016/j.clinph.2011.05.001

Landsness, E. C., Goldstein, M. R., Peterson, M. J., Tononi, G., & Benca, R. M. (2011). Antidepressant effects of selective slow wave sleep deprivation in major depression: A high-density EEG investigation. *Journal of Psychiatric Research*, 45(1), 1019-1026. doi:10.1016/j.jpsychires.2011.02.003

Langer, N., Pedroni, A., Gianotti, L. R. R., Hänggi, J., Knoch, D., & Jancke, L. (2011). Functional brain network efficiency predicts intelligence. *Human Brain Mapping*, 00, IN PRESS. doi:10.1002/hbm.21297

Langer, N., von Bastian, C. C., Wirz, H., Oberauer, K., & Jancke, L. (2013). The effects of working memory training on functional brain network efficiency. *Cortex*. doi:10.1016/j.cortex.2013.01.008

Langheim, F., Murphy, M., Riedner, B. A., & Tononi, G. (2011). Functional connectivity in slow-wave sleep: identification of synchronous cortical activity during wakefulness and sleep using time series analysis of *Journal of Sleep Research*, 20(4), 496-505. doi:10.1111/j.1365-2869.2011.00911

Lantz, G., Grave de Peralta, R., Spinelli, L., Seeck, M., & Michel, C. M. (2003). Epileptic source localization with high density EEG: how many electrodes are needed? *Clinical Neurophysiology*, 114(1), 63-69.

Lantz, G., Grouiller, F., Spinelli, L., Seeck, M., & Vulliemoz, S. (2011). Localisation of Focal Epileptic Activity in Children Using High Density EEG Source Imaging. *Epileptologie*, 28, 84-90.

Lantz, G., Spinelli, L., Seeck, M., Menendez, R. G. d. P., Sottas, C. C., & Michel, C. M. (2003). Propagation of interictal epileptiform activity can lead to erroneous source localizations: a 128-channel EEG mapping study. *Journal of Clinical Neurophysiology*, 20(5), 311-319.

Lapenta, O. M., Minati, L., Fregni, F., & Boggio, P. S. (2013). Je pense donc je fais: transcranial direct current stimulation modulates brain oscillations associated with motor imagery and movement observation. *Front Hum Neurosci*, 7, 256. doi:10.3389/fnhum.2013.00256

Lapenta, O. M., Sierve, K. D., de Macedo, E. C., Fregni, F., & Boggio, P. S. (2014). Transcranial direct current stimulation modulates ERP-indexed inhibitory control and reduces food consumption. *Appetite*, 83(0), 42-48. doi:<http://dx.doi.org/10.1016/j.appet.2014.08.005>

Larson, M., Clayson, P. E., & Baldwin, S. A. (2012). Performance monitoring following

conflict: Internal adjustments in cognitive control? *Neuropsychologia*, 50, 426-433. doi:10.1016/j.neuropsychologia.2011.12.021

Larson, M., Fair, J. E., Farrer, T. J., & Perlstein, W. M. (2011). Predictors of performance monitoring abilities following traumatic brain injury: The influence of negative affect and cognitive sequelae. *International Journal of Psychophysiology*, 82(1), 61-68. doi:10.1016/j.ijpsycho.2011.02.001

Larson, M., South, M., Clayson, P. E., & Clawson, A. (2012). Cognitive control and conflict adaptation in youth with high-functioning autism. *Journal of Child Psychology and Psychiatry*, 53(4), 440-448. doi:10.1111/j.1469-7610.2011.02498.x

Larson, M. J., Clawson, A., Clayson, P. E., & Baldwin, S. A. (2013). Cognitive conflict adaptation in generalized anxiety disorder. *Biol Psychol*, 94(2), 408-418. doi:10.1016/j.biopsycho.2013.08.006

Larson, M. J., & Clayson, P. E. (2011). The relationship between cognitive performance and electrophysiological indices of performance monitoring. *Cogn Affect Behav Neuroscience*, 11(1), 159-171. doi:10.3758/s13415-010-0018-6

Larson, M. J., Fair, J. E., Good, D. A., & Baldwin, S. A. (2010). Empathy and error processing. *Psychophysiology*, 47, 415-424. doi:10.1111/j.1469-8986.2009.00949.x

Larson, M. J., Farrer, T. J., & Clayson, P. E. (2011). Cognitive control in mild traumatic brain injury: Conflict monitoring and conflict adaptation. *International Journal of Psychophysiology*, 82, 69-78. doi:10.1016/j.ijpsycho.2011.02.018

Larson, M. J., Good, D. A., & Fair, J. E. (2010). The relationship between performance monitoring, satisfaction with life, and positive personality traits. *Biological Psychology*, 83, 222-228. doi:10.1016/j.biopsycho.2010.01.003

Larson, M. J., Gray, A. C., Clayson, P. E., Jones, R., & Kirwan, C. B. (2013). What are the influences of orthogonally-manipulated valence and arousal on performance monitoring processes? The effects of affective state. *Int J Psychophysiol*, 87(3), 327-339. doi:10.1016/j.ijpsycho.2013.01.005

Larson, M. J., Kaufman, D. A. S., & Perlstein, W. M. (2009). Conflict adaptation and cognitive control adjustments following traumatic brain injury. *Journal of the International Neuropsychological Society*, 15, 927-937. doi:10.1017/S1355617709990701

Larson, M. J., Kaufman, D. A. S., & Perlstein, W. M. (2009). Neural time course of

conflict adaptation effects on the Stroop task. *Neuropsychologia*, 47, 663-670. doi:10.1016/j.neuropsychologia.2008.11.013

Larson, M. J., Kaufman, D. A. S., Schmalfuss, I. M., Kellison, I. L., & Perlstein, W. M. (2009). Double Jeopardy! The Additive Consequences of Negative Affect on Performance-Monitoring Decrement Following Traumatic Brain Injury. *Neuropsychology*, 23(4), 433-444. doi:10.1037/a0015723

Larson, M. J., Kaufman, D. A. S., Schmalfuss, I. M., & Perlstein, W. M. (2007). Performance monitoring, error processing, and evaluative control following severe TBI. *Journal of the International Neuropsychological Society*, 13, 961-971. doi:10.1017/S1355617707071305

Larson, M. J., South, M., Krauskopf, E., Clawson, A., & Crowley, M. J. (2011). Feedback and reward processing in high-functioning autism. *Psychiatry Research*, 187, 198-203. doi:10.1016/j.psychres.2010.11.006

Larson, M. J., Steffen, P. R., & Primosch, M. (2013). The impact of a brief mindfulness meditation intervention on cognitive control and error-related performance monitoring. *Front Hum Neurosci*, 7, 308. doi:10.3389/fnhum.2013.00308

Lascano, A. M., Brodbeck, V., Lalive, P. H., Chofflon, M., Seeck, M., & Michel, C. M. (2009). Increasing the Diagnostic Value of Evoked Potentials in Multiple Sclerosis by Quantitative Topographic Analysis of Multichannel Recordings. *Journal of Clinical Neurophysiology*, 26(5), 316-325. doi:10.1097/WNP.0b013e3181baac00

Lascano, A. M., Grouiller, F., Genetti, M., Spinelli, L., Seeck, M., Schaller, K., & Michel, C. M. (2014). Surgically relevant localization of the central sulcus with high-density somatosensory-evoked potentials compared with functional magnetic resonance imaging. *Neurosurgery*, 74(5), 517-526. doi:10.1227/NEU.0000000000000298

Lascano, A. M., Perneger, T., Vulliemoz, S., Spinelli, L., Garibotto, V., Korff, C. M., . . . Seeck, M. (2015). Yield of MRI, high-density electric source imaging (HD-ESI), SPECT and PET in epilepsy surgery candidates. *Clinical Neurophysiology*. doi:10.1016/j.clinph.2015.03.025

Latham, A. J., Patston, L. L., Westermann, C., Kirk, I. J., & Tippett, L. J. (2013). Earlier visual n1 latencies in expert video-game players: a temporal basis of enhanced visuospatial performance? *PloS one*, 8(9), e75231. doi:10.1371/journal.pone.0075231

Laurino, M., Menicucci, D., Piarulli, A., Mastorci, F., Bedini, R., Allegrini, P., & Gemignani, A. (2014). Disentangling different functional roles of evoked K-

complex components: Mapping the sleeping brain while quenching sensory processing. *NeuroImage*, 86, 433-445. doi:10.1016/j.neuroimage.2013.10.030

Lauritzen, T., Ales, J. M., & Wade, A. R. (2010). The effects of visuospatial attention measured across visual cortex using source-imaged, steady-state EEG. *Journal of Vision*, 10(14)(39), 1-17. doi:10.1167/10.14.39

Lavoie, S., Murray, M. M., Deppen, P., Knyazeva, M. G., Berk, M., Boulat, O., . . . Do, K. Q. (2008). Glutathione precursor, N-acetyl-cysteine, improves mismatch negativity in schizophrenia patients. *Neuropsychopharmacology*, 33(9), 2187-2199.

LeBlanc, J. J., DeGregorio, G., Centofante, E., Vogel-Farley, V. K., Barnes, K., Kaufmann, W. E., . . . Nelson, C. A. (2015). Visual evoked potentials detect cortical processing deficits in Rett syndrome. *Annals of neurology*.

Lee, G. M., Fattinger, S., Mounthon, A. L., Noirhomme, Q., & Huber, R. (2013). Electroencephalogram approximate entropy influenced by both age and sleep. *Front Neuroinform*, 7, 33. doi:10.3389/fninf.2013.00033

Lee, J.-H. (2012). Behavioral inhibition in female college students with schizotypal traits: An event-related potential study. *Open Journal of Psychiatry*, 02(04), 362-369. doi:10.4236/ojpsych.2012.224051

Lee, T., Liu, H., Tan, L., Chan, C., Mahankali, S., Feng, C., . . . Gao, J. (2002). Lie detection by functional magnetic resonance imaging. *Human Brain Mapping*, 15(3), 157-164.

Lei, X., Yang, P., Xu, P., Liu, T., & Yao, D. (2009). Common Spatial Pattern Ensemble Classifier and Its Application in Brain-Computer Interface. *Journal of Electronic Science and Technology of China*, 7(1), 17-21.

Lelekov-Boissard, T., & Dominey, P. F. (2002). Human brain potentials reveal similar processing of non-linguistic abstract structure and linguistic syntactic structure. *Clinical Neurophysiology*, 32, 72-84.

LeMoigne, E., Curnier, D., St-Jacques, S., & Ellemborg, D. (2012). The effects of exercise during pregnancy on the newborn's brain: study protocol for a randomized controlled trial. *Trials*, 13(68), 1-16. doi:10.1186/1745-6215-13-68

Lense, M. D., Gordon, R. L., Key, A. P., & Dykens, E. M. (2013). Neural correlates of cross-modal affective priming by music in Williams Syndrome. *Soc Cogn Affect Neurosci*, e-pub advance of publication.

- Lense, M. D., Gordon, R. L., Key, A. P. F., & Dykens, E. M. (2014). Neural correlates of cross-modal affective priming by music in Williams syndrome. *Social Cognitive and Affective Neuroscience*, 9(4), 529-537. doi:10.1093/scan/nst017
- Leonards, U., Palix, J., Michel, C. M., & Ibanez, V. (2003). Comparison of early cortical networks in efficient and inefficient visual search: An event-related potential study. *Journal of Cognitive Neuroscience*, 15(7), 1039-1051.
- Leppanen, J., Moulson, M. C., Vogel-Farley, V. K., & Nelson III, C. A. (2007). An ERP study of emotional face processing in the adult and infant brain. *Child Development*, 78(1), 232-245.
- Leppanen, J., Richmond, J., Vogel-Farley, V. K., Moulson, M. C., & Nelson III, C. A. (2009). Categorical Representation of Facial Expressions in the Infant Brain. *Infancy*, 14(3), 346-362. doi:10.1080/15250000902839393
- Leupoldt, A. V., Bradley, M. M., Lang, P. J., & Davenport, P. W. (2010). Neural Processing of Respiratory Sensations when Breathing Becomes More Difficult and Unpleasant. *Frontiers in Physiology*, 1(144), 1-5. doi:10.3389/fphys.2010.00144
- Leupoldt, A. V., Chan, P., Bradley, M. M., Lang, P. J., & Davenport, P. W. (2011). The impact of anxiety on the neural processing of respiratory sensations. *NeuroImage*, 55, 247-252. doi:10.1016/j.neuroimage.2010.11.050
- Leupoldt, A. V., Vovk, A., Bradley, M. M., Lang, P. J., & Davenport, P. W. (2011). Habituation in neural processing and subjective perception of respiratory sensations. *Psychophysiology*, 48, 808-812.
- Lewis, M. D., Granic, I., Lamm, C., Zelazo, P. D., Stieben, J., Todd, R. M., . . . Pepler, D. (2008). Changes in the neural bases of emotion regulation associated with clinical improvement in children with behavior problems. *Development and psychopathology*, 20, 913-939. doi:10.1017/S0954579408000448
- Lewis, M. D., Lamm, C., Segalowitz, S. J., Stieben, J., & Zelazo, P. D. (2006). Neurophysiological correlates of emotion regulation in children and adolescents. *Journal of Cognitive Neuroscience*, 18(3), 430-443.
- Lewis, M. D., Todd, R. M., & Honsberger, M. J. M. (2007). Event-related potential measures of emotion regulation in early childhood. *NeuroReport*, 18, 61-65.
- Lewis, R. S., Weekes, N. Y., & Wang, T. H. (2007). The effect of a naturalistic stressor on frontal EEG asymmetry, stress, and health. *Biological Psychology*, 75, 239-247. doi:10.1016/j.biopsych.2007.03.004

Li, F., Cao, B., Cai, X., & Li, H. (2011). Similar Brain Mechanism of Hypothesis-Testing Between Children and Adults. *Developmental Neuropsychology*, 36(8), 957-970. doi: 10.1080/87565641.2011.566954

Li, R., Keil, A., & Principe, J. C. (2009). Single-trial P300 estimation with a spatiotemporal filtering method. *Journal of neuroscience Methods*, 177, 488-496. doi:10.1016/j.jneumeth.2008.10.035

Li, W., Chen, Z., Liu, P., Zhang, B., Huang, D., & Liu, H. (2013). Neurophysiological evidence of differential mechanisms involved in producing opposing and following responses to altered auditory feedback. *Clin Neurophysiol*, 124(11), 2161-2171. doi:10.1016/j.clinph.2013.04.340

Li, W., Jiang, Z., Liu, Y., & Dan, F. (2015). ERP Study of Affirmative and Negative Sentences' Impact on Self-Positivity Bias. *Journal of Psycholinguistic Research*, 1-10. doi:10.1007/s10936-015-9376-0

Li, W., Jiang, Z., Liu, Y., Wu, Q., Zhou, Z., Jorgensen, N., . . . Li, C. (2013). Positive and negative emotions modulate attention allocation in color-flanker task processing: Evidence from event related potentials. *Motivation and Emotion*. doi:10.1007/s11031-013-9387-9

Li, W., Lai, T., Bohon, C., Loo, S., McCurdy, D., Strober, M., . . . Feusner, J. (2015). Anorexia nervosa and body dysmorphic disorder are associated with abnormalities in processing visual information. *Psychological medicine*, 45(10), 2111-2122.

Li, W., Lai, T. M., Loo, S., Strober, M., Mohammad-Rezazadeh, I., Khalsa, S., & Feusner, J. (2015). Aberrant Early Visual Neural Activity and Brain-Behavior Relationships in Anorexia Nervosa and Body Dysmorphic Disorder. *Frontiers in Human Neuroscience*, 9, 301.

Li, X., Hu, B., Xu, T., Shen, J., & Ratcliffe, M. (2015). A study on EEG-based brain electrical source of mild depressed subjects. *Computer methods and programs in biomedicine*, 120(3), 135-141. doi:<http://dx.doi.org/10.1016/j.cmpb.2015.04.009>

Li, Y., Li, F., Chen, J., & Li, H. (2012). An ERP study on the understanding of the distinction between real and apparent emotions. *Neurosci Lett*, 529(1), 33-38. doi:10.1016/j.neulet.2012.08.063

Liang, M., Zhang, X., Chen, T., Zheng, Y., Zhao, F., Yang, H., . . . Chen, L. (2013). Evaluation of auditory cortical development in the early stages of post cochlear implantation using mismatch negativity measurement. *Otology and Neurotology*,

35, e7–e14.

Liao, F., Zhang, C., Bian, Z., Xie, D., Kang, M., Li, X., . . . Yi, M. (2014). Characterizing Heat-Sensitization Responses in Suspended Moxibustion with High-Density EEG. *Pain Medicine*, 15(8), 1272-1281. doi:10.1111/pme.12512

Liao, K., Xiao, R., Gonzalez, J., & Ding, L. (2014). Decoding individual finger movements from one hand using human EEG signals. *PLoS one*, 9(1), e85192. doi:10.1371/journal.pone.0085192

Liao, K., Zhu, M., & Ding, L. (2013). A new wavelet transform to sparsely represent cortical current densities for EEG/MEG inverse problems. *Comput Methods Programs Biomed*, 111(2), 376-388. doi:10.1016/j.cmpb.2013.04.015

Liem, F., Zaehle, T., Burkhard, A., Jäncke, L., & Meyer, M. (2012). Cortical thickness of supratemporal plane predicts auditory N1 amplitude. *NeuroReport*, 23(17), 1026-1030. doi:10.1097/WNR.0b013e32835abc5c

Lili, Y., Xu, Z., Chunchan, L., Bin, L., Xueqing, C., & Xinxing, F. (2014, 14-16 Oct. 2014). *The characteristic of event-related potentials and brain topographic maps of cochlear implant users*. Paper presented at the Biomedical Engineering and Informatics (BMEI), 2014 7th International Conference on.

Lim, V. K., Wilson, A. J., Hamm, J. P., Phillips, N., Iwabuchi, S. J., Corballis, M. C., . . . Thomas, M. O. J. (2009). Semantic processing of mathematical gestures. *Brain and cognition*, 71, 306-312. doi:10.1016/j.bandc.2009.07.004

Ling, L., Zhen-Lan, J., & Bin, L. (2011). Analysis of a phase synchronized functional network based on the rhythm of brain activities. *Chinese Physics B*, 20(3), 038701. doi:10.1088/1674-1056/20/3/038701

Ling, Z., Yue, C., Wenjie, L., & Fan, J. (2015). Electroencephalogram Feature Detection and Classification in People with Internet Addiction Disorder with Visual Oddball Paradigm. *Journal of Medical Imaging and Health Informatics*, 5(7), 1499-1503. Retrieved from <http://www.ingentaconnect.com/content/asp/jmhi/2015/00000005/00000007/art00020>

Lippe, S., Kovacevic, N., & McIntosh, A. R. (2009). Differential Maturation of Brain Signal Complexity in the Human Auditory and Visual System. *Frontiers in Human Neuroscience*, 3(48), 1-9. doi:10.3389/neuro.09.048.2009

Lippe, S., Martinez-Montes, E., Arcand, C., & Lassonde, M. (2009). Electrophysiological study of auditory development. *Neuroscience*, 164, 1108-1118.

doi:10.1016/j.neuroscience.2009.07.066

Lippe, S., Roy, M.-S., Arcand, C., Scantlebury, M. H., Carmant, L., & Lassonde, M. (2009). Altered EEG spectral activity and attentional behavioral deficits following prolonged febrile seizures: a pilot study. *Epileptic Disorders*, 11(1), 10-19.

Lippe, S., Roy, M.-S., Perfetti, C. A., & Lassonde, M. (2007). Electrophysiological markers of visuocortical development. *Cerebral Cortex*, 17(1), 100-107.
doi:10.1093/cercor/bjh130

Little, C. E., & Woollacott, M. (2015). EEG measures reveal dual-task interference in postural performance in young adults. *Experimental Brain Research*, 233(1), 27-37.

Liu, C., Tardif, T., Mai, X., Gehring, W. J., Simms, N., & Luo, Y.-J. (2010). What's in a name? Brain activity reveals categorization processes differ across languages. *Human Brain Mapping*, 31, 1786-1801. doi:10.1002/hbm.20974

Liu, D., Sabbagh, M. A., Gehring, W. J., & Wellman, H. W. (2009). Neural correlates of children's theory of mind development. *Child Development*, 80(2), 318-326.

Liu, P., Chen, Z., Jones, J. A., Wang, E. Q., Chen, S., Huang, D., & Liu, H. (2012). Developmental sex-specific change in auditory-vocal integration: ERP evidence in children. *Clin Neurophysiol*. doi:10.1016/j.clinph.2012.08.024

Liu, Y., Hu, H., Jones, J. A., Guo, Z., Li, W., Chen, X., . . . Liu, H. (2015). Selective and divided attention modulates auditory-vocal integration in the processing of pitch feedback errors. *European Journal of Neuroscience*. doi:10.1111/ejn.12949

Liu, Y., & Perfetti, C. A. (2003). The time course of brain activity in reading English and Chinese: An ERP study of Chinese bilinguals. *Human Brain Mapping*, 18, 167-175. doi:10.1002/hbm.10090

Liu, Y., Perfetti, C. A., & Hart, L. (2003). ERP evidence for the time course of graphic, phonological, and semantic information in Chinese meaning and pronunciation decisions. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 29(6), 1231-1247. doi:10.1037/0278-7393.29.6.1231

Liu, Z.-X., Woltering, S., & Lewis, M. D. (2014). Developmental change in EEG theta activity in the medial prefrontal cortex during response control. *NeuroImage*, 85, 873-887. Retrieved from
<http://www.sciencedirect.com/science/article/pii/S1053811913009178>

Liu, Z. X., Woltering, S., & Lewis, M. D. (2013). Developmental change in EEG theta

activity in the medial prefrontal cortex during response control. *NeuroImage*. doi:10.1016/j.neuroimage.2013.08.054

Liu-Shuang, J., Ales, J., Rossion, B., & Norcia, A. M. (2015). Separable effects of inversion and contrast-reversal on face detection thresholds and response functions: A sweep VEP study. *Journal of Vision*, 15(2), 11.

Liu-Shuang, J., Ales, J. M., Rossion, B., & Norcia, A. M. (2015). The effect of contrast polarity reversal on face detection: Evidence of perceptual asymmetry from sweep VEP. *Vision Research*, 108, 8-19.

Lo, S., Sobol, J., Mallavaram, N., Carson, M., Chang, C., Grieve, P. G., . . . Sun, L. S. (2009). Anesthetic-specific electroencephalographic patterns during emergence from sevoflurane and isoflurane in infants and children. *Pediatric Anesthesia*, 19, 1157-1165. doi:10.1111/j.1460-9592.2009.03128.x

Lodhia, V., Brock, J., Johnson, B. W., & Hautus, M. J. (2014). Reduced object related negativity response indicates impaired auditory scene analysis in adults with autistic spectrum disorder. *PeerJ*, 2, e261. doi:10.7717/peerj.261

Lohvansuu, K., Hamalainen, J. A., Tanskanen, A., Bartling, J., Bruder, J., Honbolygo, F., . . . Leppanen, P. H. (2013). Separating mismatch negativity (MMN) response from auditory obligatory brain responses in school-aged children. *Psychophysiology*, 50(7), 640-652. doi:10.1111/psyp.12048

Long, N. M., Burke, J. F., & Kahana, M. J. (2013). Subsequent memory effect in intracranial and scalp EEG. *NeuroImage*. doi:10.1016/j.neuroimage.2013.08.052

Lopez, M., Pelayo, F., Madrid, E., & Prieto, A. (2009). Statistical Characterization of Steady-State Visual Evoked Potentials and Their Use in Brain–Computer Interfaces. *Neural processing letters*, 29, 179-187. doi:10.1007/s11063-009-9102-8

Lopez, M., Pomares, H., Prieto, A., & Pelayo, F. (2009). Multiple AM Modulated Visual Stimuli in Brain-Computer Interface. *IWANN*, 683-689.

López, V., López-Calderón, J., Ortega, R., Kreither, J., Carrasco, X., Rothhammer, P., . . . Aboitiz, F. (2006). Attention-deficit hyperactivity disorder involves differential cortical processing in a visual spatial attention paradigm. *Clinical Neurophysiology*, 117, 2540-2548. doi:10.1016/j.clinph.2006.07.313

Løvstad, M., Funderud, I., Lindgren, M., Endestad, T., Due-Tonnessen, P., Meling, T., . . . Solbakk, A.-K. (2011). Contribution of Subregions of Human Frontal Cortex to Novelty Processing. *Journal of Cognitive Neuroscience*, 24(2), 378-395.

- Low, A., Bradley, M. M., & Lang, P. J. (2013). Perceptual processing of natural scenes at rapid rates: Effects of complexity, content, and emotional arousal. *Cogn Affect Behav Neurosci.* doi:10.3758/s13415-013-0179-1
- Luo, Q., & Glover, G. H. (2011). Influence of dense-array EEG cap on fMRI signal. *Magnetic Resonance in Medicine, 65*(0), 1-9. doi:10.1002/mrm.23299
- Luo, Q., Huang, X., & Glover, G. H. (2014). Ballistocardiogram artifact removal with a reference layer and standard EEG cap. *Journal of Neuroscience Methods, 233*(0), 137-149. doi:<http://dx.doi.org/10.1016/j.jneumeth.2014.06.021>
- Lustenberger, C., & Huber, R. (2012). High density electroencephalography in sleep research: potential, problems, future perspective. *Frontiers in Neurology, 3*(77), 1-11. doi:10.3389/fneur.2012.00077
- Lustenberger, C., Murbach, M., Tushaus, L., Wehrle, F., Kuster, N., Achermann, P., & Huber, R. (2015). Inter-individual and intra-individual variation of the effects of pulsed RF EMF exposure on the human sleep EEG. *Bioelectromagnetics, 36*(3), 169-177. doi:10.1002/bem.21893
- Lustenberger, C., Murbach, M., Tüshaus, L., Wehrle, F., Kuster, N., Achermann, P., & Huber, R. (2015). Inter-individual and intra-individual variation of the effects of pulsed RF EMF exposure on the human sleep EEG. *Bioelectromagnetics, 36*(3), 169-177.
- Lutz, A., Greischar, L. L., Rawlings, N. B., Ricard, M., & Davidson, R. J. (2004). Long-term meditators self-induce high-amplitude gamma synchrony during mental practice. *Proceedings of the National Academy of Sciences of the United States of America, 101*(46), 16369-16373.
- Lutz, K., Puorger, R., Cheetham, M., & Jancke, L. (2013). Development of ERN together with an internal model of audio-motor associations. *Front Hum Neurosci, 7*, 471. doi:10.3389/fnhum.2013.00471
- Luu, P., Caggiano, D. M., Geyer, A., Lewis, J., Cohn, J., & Tucker, D. M. (2014). Time-course of cortical networks involved in working memory. *Front Hum Neurosci, 8*, 4. doi:10.3389/fnhum.2014.00004
- Luu, P., Collins, P., & Tucker, D. M. (2000). Mood, Personality, and Self-Monitoring: Negative Affect and Emotionality in Relation to Frontal Lobe Mechanisms of Error Monitoring*. *Journal of Experimental Psychology: General, 129*(1), 43-60.
- Luu, P., & Ferree, T. (2000). Determination of the Geodesic Sensor Nets' average

electrode positions and their 10-10 international equivalents. *Technical Note*, 1(0), 1-11.

Luu, P., Flaisch, T., & Tucker, D. M. (2000). Medial frontal cortex in action monitoring. *Journal of Neuroscience*, 20(1), 464-469.

Luu, P., Frank, R., Kerick, S., & Tucker, D. M. (2009). Directed Components Analysis: An Analytic Method for the Removal of Biophysical Artifacts from EEG Data. *Foundations of Augmented Cognition. Directing the Future of Adaptive Systems*, 411-416.

Luu, P., Geyer, A., Fidopiastis, C., Campbell, G., Wheeler, T., Cohn, J., & Tucker, D. M. (2010). Reentrant Processing in Intuitive Perception. *PLoS one*, 5(3), e9523. doi:10.1371/journal.pone.0009523.g001

Luu, P., Geyer, A., Fidopiastis, C., Campbell, G. E., Wheeler, T., Cohn, J., & Tucker, D. M. (2010). Reentrant Processing in Intuitive Perception. *PLoS one*, 5(3), e9523. doi:10.1371/journal.pone.0009523

Luu, P., Jiang, Z., Poulsen, C., & Mattson..., C. (2011). Learning and the development of contexts for action. *Frontiers in Human Neuroscience*, 5(159), 1-12. doi:10.3389/fnhum.2011.00159

Luu, P., Poulsen, C., & Tucker, D. M. (2009). Neurophysiological Measures of Brain Activity: Going from the Scalp to the Brain. *Foundations of Augmented Cognition. Directing the Future of Adaptive Systems*, 488-494.

Luu, P., Shane, M., Pratt, N., & Tucker, D. M. (2009). Corticolimbic mechanisms in the control of trial and error learning. *Brain Research*, 1247, 100-113. doi:10.1016/j.brainres.2008.09.084

Luu, P., Tucker, D., Derryberry, D., Reed, M., & Poulsen, C. (2003). Electrophysiological responses to errors and feedback in the process of action regulation. *Psychological Science*, 14(1), 47-53. doi:10.1111/1467-9280.01417

Luu, P., & Tucker, D. M. (2001). Regulating action: alternating activation of midline frontal and motor cortical networks. *Clinical Neurophysiology*, 112(7), 1295-1306.

Luu, P., & Tucker, D. M. (2004). Self-regulation by the medial frontal cortex. *Consciousness, emotional self-regulation, and the brain*, 123-162.

Luu, P., Tucker, D. M., & Derryberry, D. (1998). Anxiety and the motivational basis of

working memory. *Cognitive Therapy and Research*, 22(6), 577-594.

Luu, P., Tucker, D. M., Englander, R., Lockfeld, A., Lutsep, H., & Oken, B. (2001). Localizing Acute Stroke-related EEG Changes:: Assessing the Effects of Spatial Undersampling. *Journal of Clinical Neurophysiology*, 18(4), 302-317.

Luu, P., Tucker, D. M., & Makeig, S. (2004). Frontal midline theta and the error-related negativity: neurophysiological mechanisms of action regulation. *Clinical Neurophysiology*, 115, 1821-1835. doi:10.1016/j.clinph.2004.03.031

Luu, P., Tucker, D. M., & Stripling, R. (2007). Neural mechanisms for learning actions in context. *Brain Research*, 1179, 89-105. doi:10.1016/j.brainres.2007.03.092

Luyster, R. J., Powell, C., Tager-Flusberg, H., & Nelson, C. A. (2014). Neural measures of social attention across the first years of life: characterizing typical development and markers of autism risk. *Dev Cogn Neurosci*, 8, 131-143. doi:10.1016/j.dcn.2013.09.006

Luyster, R. J., Wagner, J. B., Vogel-Farley, V. K., Tager-Flusberg, H., & Nelson Iii, C. A. (2011). Neural Correlates of Familiar and Unfamiliar Face Processing in Infants at Risk for Autism Spectrum Disorders. *Brain Topography*, 24, 220-228. doi:10.1007/s10548-011-0176-z

Lyu, S., Chaou, W.-T., & Yang, H.-Y. (2011). Neural cognitions of perceiving Chinese characters: phonological versus logographical effects. *Proceedings of the 10th WSEAS*, 95-97.

Ma, W., Lai, Y., Yuan, Y., Wu, D., & Yao, D. (2012). Electroencephalogram variations in the α band during tempo-specific perception. *NeuroReport*, 23(3), 125-128. doi:10.1097/WNR.0b013e32834e7eac

Ma, W., Lai, Y., Zheng, X., Yang, H., & Yao, D. (2013). Electroencephalogram gamma-band activity during the perception of music key levels. *NeuroReport*, 24(4), 186-189. doi:10.1097/WNR.0b013e32835e343b

Määttä, S., Landsness, E. C., Sarasso, S., Ferrarelli, F., Ferreri, F., Ghilardi, M. F., & Tononi, G. (2010). The effects of morning training on night sleep: a behavioral and EEG study. *Brain Research Bulletin*, 82(1-2), 118-123. doi:10.1016/j.brainresbull.2010.01.006

Maekawa, T., Katsuki, S., Kishimoto, J., Onitsuka, T., Ogata, K., Yamasaki, T., . . . Kanba, S. (2013). Altered visual information processing systems in bipolar disorder: evidence from visual MMN and P3. *Front Hum Neurosci*, 7, 403. doi:10.3389/fnhum.2013.00403

Maekawa, T., Tobimatsu, S., Inada, N., Oribe, N., Onitsuka, T., Kanba, S., & Kamio, Y. (2011). Top-down and bottom-up visual information processing of non-social stimuli in high-functioning autism spectrum disorder. *Research in Autism Spectrum Disorders*, 5, 201-209. doi:10.1016/j.rasd.2010.03.012

Maekawa, T., Tobimatsu, S., Ogata, K., Onitsuka, T., & Kanba, S. (2009). Preattentive visual change detection as reflected by the mismatch negativity (MMN)-- Evidence for a memory-based process. *Neuroscience Research*, 65, 107-112. doi:10.1016/j.neures.2009.06.005

Magezi, D. A., Khateb, A., Mounthon, M., Spierer, L., & Annoni, J. M. (2012). Cognitive control of language production in bilinguals involves a partly independent process within the domain-general cognitive control network: evidence from task-switching and electrical brain activity. *Brain Lang*, 122(1), 55-63. doi:10.1016/j.bandl.2012.04.008

Mai, X., Tardif, T., Doan, S., Liu, C., Gehring, W. J., & Luo, Y.-J. (2011). Brain Activity Elicited by Positive and Negative Feedback in Preschool-Aged Children. *PLoS one*, 6(4), e18774. doi:10.1371/journal.pone.0018774

Mai, X., Xu, L., Li, M., Shao, J., Zhao, Z., deRegnier, R. A., . . . Lozoff, B. (2012). Auditory recognition memory in 2-month-old infants as assessed by event-related potentials. *Dev Neuropsychol*, 37(5), 400-414. doi:10.1080/87565641.2011.650807

Mai, X., Xu, L., Li, M., Shao, J., Zhao, Z., Lamm, C., . . . Lozoff, B. (2014). Sounds elicit relative left frontal alpha activity in 2-month-old infants. *International Journal of Psychophysiology*, 94(3), 287-291. doi:<http://dx.doi.org/10.1016/j.ijpsycho.2014.09.008>

Maitre, N. L., Barnett, Z. P., & Key, A. P. F. (2012). Novel Assessment of Cortical Response to Somatosensory Stimuli in Children With Hemiparetic Cerebral Palsy. *Journal of Child Neurology*, 27(10), 1276-1283. doi:10.1177/0883073811435682

Maitre, N. L., & Key, A. P. (2014). Quantitative assessment of cortical auditory-tactile processing in children with disabilities. *J Vis Exp*(83), e51054. doi:10.3791/51054

Maitre, N. L., Lambert, W. E., Aschner, J. L., & Key, A. P. (2013). Cortical speech sound differentiation in the neonatal intensive care unit predicts cognitive and language development in the first 2 years of life. *Dev Med Child Neurol*, 55(9), 834-839. doi:10.1111/dmcn.12191

- Maitre, N. L., Slaughter, J. C., Aschner, J. L., & Key, A. P. (2013). Hemisphere Differences in Speech-Sound Event-Related Potentials in Intensive Care Neonates: Associations and Predictive Value for Development in Infancy. *J Child Neurol.* doi:10.1177/0883073813493502
- Maitre, N. L., Slaughter, J. C., Aschner, J. L., & Key, A. P. (2014). Hemisphere Differences in Speech-Sound Event-Related Potentials in Intensive Care Neonates: Associations and Predictive Value for Development in Infancy. *Journal of Child Neurology*, 29(7), 903-911. doi:10.1177/0883073813493502
- Majumdar, K. K. (2011). Human scalp EEG processing: Various soft computing approaches. *Applied Soft Computing*, 1-16.
- Majumdar, K. K., & Vardhan, P. (2011). Automatic Seizure Detection in ECoG by Differential Operator and Windowed Variance. *IEEE Transactions on Biomedical Engineering*, 19(4), 356-365. doi:10.1109/TNSRE.2011.2157525
- Majumdar, N., Pribram, K. H., & Barrett, T. W. (2006). Time Frequency Characterization of Evoked Brain Activity In Multiple Electrode Recordings. *IEEE Transactions on Biomedical Engineering*, 53(12), 2516-2524. doi:10.1109/TBME.2006.883733
- Malak, S. M., Crowley, M. J., Mayes, L. C., & Rutherford, H. J. (2015). Maternal anxiety and neural responses to infant faces. *J Affect Disord*, 172, 324-330.
- Malinowska, U., Chatelle, C., Bruno, M. A., Noirhomme, Q., Laureys, S., & Durka, P. J. (2013). Electroencephalographic profiles for differentiation of disorders of consciousness. *Biomed Eng Online*, 12, 109. doi:10.1186/1475-925X-12-109
- Malmivuo, J. A., & Suihko, V. E. (2004). Effect of skull resistivity on the spatial resolutions of EEG and MEG. *IEEE Transactions on Biomedical Engineering*, 51(7), 1276-1280. doi:10.1109/TBME.2004.827255
- Mannel, C., & Friederici, A. D. (2008). Event-related brain potentials as a window to children's language processing. *Developmental psycholinguistics: on-line methods in children's language*, 44, 29-72.
- Marconi, P., Tambelli, R., Penna, M., Trentini, C., & Volpi, B. (2015). Cross Frequency Modulation and Cognitive Performance. *European Psychiatry*, 30, 1230.
- Marcoux, L. A., Michon, P. E., Voisin, J. I., Lemelin, S., Vachon-Presseau, E., & Jackson, P. L. (2013). The modulation of somatosensory resonance by psychopathic traits and empathy. *Front Hum Neurosci*, 7, 274. doi:10.3389/fnhum.2013.00274

Marie, C., & Trainor, L. J. (2012). Development of Simultaneous Pitch Encoding: Infants Show a High Voice Superiority Effect. *Cerebral Cortex*, IN PRESS.
doi:10.1093/cercor/bhs050

Marie, C., & Trainor, L. J. (2013). Development of simultaneous pitch encoding: infants show a high voice superiority effect. *Cereb Cortex*, 23(3), 660-669.
doi:10.1093/cercor/bhs050

Marie, C., & Trainor, L. J. (2014). Early development of polyphonic sound encoding and the high voice superiority effect. *Neuropsychologia*, 57, 50-58.
doi:10.1016/j.neuropsychologia.2014.02.023

Martin, L. E., & Potts, G. F. (2009). Impulsivity in decision-making: An event-related potential investigation. *Personality and Individual Differences*, 46, 303-308.
doi:10.1016/j.paid.2008.10.019

Martín-Arévalo, E., Lupiáñez, J., Botta, F., & Chica, A. B. (2015). Endogenous attention modulates attentional and motor interference from distractors: evidence from behavioral and electrophysiological results. *Frontiers in Psychology*, 6, 132.
doi:10.3389/fpsyg.2015.00132

Martinos, M., Matheson, A., & de Haan, M. (2012). Links between infant temperament and neurophysiological measures of attention to happy and fearful faces. *J Child Psychol Psychiatry*, 53(11), 1118-1127. doi:10.1111/j.1469-7610.2012.02599.x

Martinovic, J., Meyer, G. F., Muller, M. M., & Wuerger, S. M. (2009). S-cone signals invisible to the motion system can improve motion extraction via grouping by color. *Visual Neuroscience*, 26, 237-248. doi:10.1017/S095252380909004X

Mash, C., Bornstein, M. H., & Arterberry, M. E. (2013). Brain dynamics in young infants' recognition of faces: EEG oscillatory activity in response to mother and stranger. *NeuroReport*, 24(7), 359-363. doi:10.1097/WNR.0b013e32835f6828

Massimini, M., Huber, R., Ferrarelli, F., Hill, S., & Tononi, G. (2004). The sleep slow oscillation as a traveling wave. *Journal of Neuroscience*, 24(31), 6862-6870.
doi:10.1523/JNEUROSCI.1318-04.2004

Masuda, T., Russell, M. J., Chen, Y. Y., Hioki, K., & Caplan, J. B. (2013). N400 incongruity effect in an episodic memory task reveals different strategies for handling irrelevant contextual information for Japanese than European Canadians. *Cognitive Neuroscience*, 1-9. doi:10.1080/17588928.2013.831819

Mathewson, K. J., Jetha, M. K., Drmic, I. E., Bryson, S. E., Goldberg, J. O., & Schmidt, L. A. (2012). Regional EEG alpha power, coherence, and behavioral

symptomatology in autism spectrum disorder. *Clin Neurophysiol*, 123(9), 1798-1809. doi:10.1016/j.clinph.2012.02.061

Mathewson, K. J., Jetha, M. K., Goldberg, J. O., & Schmidt, L. A. (2012). Autonomic regulation predicts performance on Wisconsin Card Sorting Test (WCST) in adults with schizophrenia. *Biol Psychol*, 91(3), 389-399. doi:10.1016/j.biopsycho.2012.09.002

Maurer, U., Brandeis, D., & McCandliss, B. D. (2005). Fast, visual specialization for reading in English revealed by the topography of the N170 ERP response. *Behavioral and Brain Functions*, 1(13), 1-12.

Maxwell, C. R., Villalobos, M. E., Schultz, R. T., Herpertz-Dahlmann, B., Konrad, K., & Kohls, G. (2013). Atypical Laterality of Resting Gamma Oscillations in Autism Spectrum Disorders. *J Autism Dev Disord*. doi:10.1007/s10803-013-1842-7

McCandliss, B. D., Posner, M. I., & Givon, T. (1997). Brain plasticity in learning visual words. *Cognitive Psychology*, 33, 88-110.

McCauley, S., Hestvik, A., & Vogel, I. (2012). Perception and Bias in the Processing of Compound versus Phrasal Stress: Evidence from Event-related Brain Potentials. *Language and Speech*, 0(0), IN PRESS. doi:10.1177/0023830911434277

McCleery, J. P., Akshoomoff, N., Dobkins, K. R., & Carver, L. J. (2009). Atypical face versus object processing and hemispheric asymmetries in 10-month-old infants at risk for autism. *Biological Psychiatry*, 66, 950-957. doi:10.1016/j.biopsych.2009.07.031

McCleery, J. P., Surtees, A. D. R., Graham..., K. A., Richards, J. E., & Apperly, I. A. (2011). The Neural and Cognitive Time Course of Theory of Mind. *Journal of Neuroscience*, 31(36), 12849-12854. doi:10.1523/JNEUROSCI.1392-11.2011

McEvoy, K., Hasenstab, K., Senturk, D., Sanders, A., & Jeste, S. S. (2015). Physiologic artifacts in resting state oscillations in young children: methodological considerations for noisy data. *Brain Imaging and Behavior*, 9(1), 104-114.

McGinnis, E. M., & Keil, A. (2011). Selective Processing of Multiple Features in the Human Brain: Effects of Feature Type and Salience. *PloS one*, 6(2), e16824. doi:10.1371/journal.pone.0016824

McMenamin, B. W., Shackman, A. J., Maxwell, J. S., Bachhuber, D. R. W., Koppenhaver, A. M., Greischar, L. L., & Davidson, R. J. (2010). Validation of ICA-based myogenic artifact correction for scalp and source-localized EEG. *NeuroImage*, 49, 2416-2432. doi:10.1016/j.neuroimage.2009.10.010

- McMenamin, B. W., Shackman, A. J., Maxwell, J. S., Greischar, L. L., & Davidson, R. J. (2009). Validation of regression-based myogenic correction techniques for scalp and source-localized EEG. *Psychophysiology*, 46, 578-592. doi:10.1111/j.1469-8986.2009.00787.x
- McMullan, A. R., Hambrook, D. A., & Tata, M. S. (2013). Brain dynamics encode the spectrotemporal boundaries of auditory objects. *Hear Res*, 304, 77-90. doi:10.1016/j.heares.2013.06.009
- McPartland, J., Crowley, M., Perszyk, D. R., Mukerji, C. E., Naples, A. J., Wu, J., & Mayes, L. C. (2012). Preserved reward outcome processing in ASD as revealed by event-related potentials. *Journal of Neurodevelopmental Disorders*, 4(16), IN PRESS. doi:10.1186/1866-1955-4-16
- McPartland, J. C., Cheung, C., Perszyk, D. R., & Mayes, L. C. (2010). Face-related ERPs are modulated by point of gaze. *Neuropsychologia*, 48, 3657-3660. doi:10.1016/j.neuropsychologia.2010.07.020
- McPartland, J. C., Crowley, M. J., Perszyk, D. R., Naples, A. J., Mukerji, C. E., Wu, J., . . . Mayes, L. C. (2011). Temporal dynamics reveal atypical brain response to social exclusion in autism. *Developmental Cognitive Neuroscience*, 1(3), 271-279.
- McPartland, J. C., Dawson, G., Webb, S. J., Panagiotides, H., & Carver, L. J. (2004). Event-related brain potentials reveal anomalies in temporal processing of faces in autism spectrum disorder. *Journal of Child Psychology and Psychiatry*, 45(7), 1235-1245. doi:10.1111/j.1469-7610.2004.00318.x
- McPartland, J. C., Wu, J., Bailey, C. A., Mayes, L. C., Schultz, R. T., & Klin, A. (2011). Atypical neural specialization for social percepts in autism spectrum disorder. *Social Neuroscience*, 6(5-6), 436-451. doi:10.1080/17470919.2011.586880
- McTeague, L. M., Shumen, J. R., Wieser, M. J., Lang, P. J., & Keil, A. (2011). Social vision: Sustained perceptual enhancement of affective facial cues in social anxiety. *NeuroImage*, 54(2), 1615-1624. doi:10.1016/j.neuroimage.2010.08.080
- MD'Zmura, Deng, S., Lappas, T., Thorpe, S., & Srinivasan, R. (2009). Toward EEG sensing of imagined speech. *Human-Computer Interaction. New Trends*, 40-48.
- Medvedev, A., Kainerstorfer, J., Borisov, S. V., & VanMeter, J. (2010). Fast optical signal in the prefrontal cortex correlates with EEG. *IFMBE Proceedings*, 29(4), 631-634. doi:10.1007/978-3-642-13039-7_159

Meek, S. W., Phillips, M. C., Boswell, C. P., & Vendemia, J. M. (2012). Deception and the misinformation effect: An event-related potential study. *Int J Psychophysiol*. doi:10.1016/j.ijpsycho.2012.11.004

Megevand, P., Spinelli, L., Genetti, M., Brodbeck, V., Momjian, S., Schaller, K., . . . Seeck, M. (2014). Electric source imaging of interictal activity accurately localises the seizure onset zone. *J Neurol Neurosurg Psychiatry*, 85(1), 38-43. doi:10.1136/jnnp-2013-305515

Mégevand, P., Spinelli, L., Genetti, M., Brodbeck, V., Momjian, S., Schaller, K., . . . Seeck, M. (2014). Electric source imaging of interictal activity accurately localises the seizure onset zone. *Journal of Neurology, Neurosurgery & Psychiatry*, 85(1), 38-43. doi:10.1136/jnnp-2013-305515

Meinke, A., Thiel, C. M., & Fink, G. R. (2006). Effects of nicotine on visuo-spatial selective attention as indexed by event-related potentials. *Neuroscience*, 141, 201-212. doi:10.1016/j.neuroscience.2006.03.072

Melinder, A., Gredebäck, G., Westerlund, A., & Nelson III, C. A. (2010). Brain activation during upright and inverted encoding of own-and other-age faces: ERP evidence for an own-age bias. *Developmental Science*, 13(4), 588-598. doi:10.1111/j.1467-7687.2009.00910.x

Melinder, A. M., Konijnenberg, C., Hermansen, T., Daum, M. M., & Gredebäck, G. (2015). The developmental trajectory of pointing perception in the first year of life. *Experimental Brain Research*, 233(2), 641-647.

Mellem, M. S., Friedman, R. B., & Medvedev, A. V. (2013). Gamma- and theta-band synchronization during semantic priming reflect local and long-range lexical-semantic networks. *Brain Lang*, 127(3), 440-451. doi:10.1016/j.bandl.2013.09.003

Melloni, L., Molina, C., Pena, M., Torres, D., Singer, W., & Rodriguez, E. (2007). Synchronization of neural activity across cortical areas correlates with conscious perception. *Journal of Neuroscience*, 27(11), 2858-2865. doi:10.1523/JNEUROSCI.4623-06.2007

Meltzer, J., Negishi, M., Mayes, L. C., & Constable, R. T. (2007). Individual differences in EEG theta and alpha dynamics during working memory correlate with fMRI responses across subjects. *Clinical Neurophysiology*, 118(11), 2419-2436.

Mensen, A., Poryazova, R., Schwartz, S., & Khatami, R. (2014). Humor as a reward mechanism: event-related potentials in the healthy and diseased brain. *PloS one*, 9(1), e85978. doi:10.1371/journal.pone.0085978.t001

- Mento, G., Tarantino, V., Sarlo, M., & Bisiacchi, P. S. (2013). Automatic temporal expectancy: a high-density event-related potential study. *PLoS one*, 8(5), e62896. doi:10.1371/journal.pone.0062896
- Mento, G., Tarantino, V., Vallesi, A., & Bisiacchi, P. S. (2015). Spatiotemporal neurodynamics underlying internally and externally driven temporal prediction: a high spatial resolution ERP study. *Journal of Cognitive Neuroscience*.
- Mercier, M., Schwartz, S., Michel, C. M., & Banke, O. (2009). Motion direction tuning in human visual cortex. *European Journal of Neuroscience*, 29, 424-434. doi:10.1111/j.1460-9568.2008.06583.x
- Mercure, E., Ashwin, E., Dick, F., Halit, H., Auyeung, B., Baron-Cohen, S., & Johnson, M. H. (2009). IQ, fetal testosterone and individual variability in children's functional lateralization. *Neuropsychologia*, 47, 2537-2543. doi:10.1016/j.neuropsychologia.2009.04.027
- Mercure, E., Dick, F., Halit, H., Kaufman, J., & Johnson, M. H. (2008). Differential lateralization for words and faces: category or psychophysics? *Journal of Cognitive Neuroscience*, 20(11), 2070-2087.
- Mercure, E., Dick, F., & Johnson, M. H. (2008). Featural and configural face processing differentially modulate ERP components. *Brain Research*, 1239, 162-170. doi:10.1016/j.brainres.2008.07.098
- Mercure, E., Kadosh, K. C., & Johnson, M. H. (2011). The N170 Shows Differential Repetition Effects for Faces, Objects, and Orthographic Stimuli. *Frontiers in Human Neuroscience*, 5(6), 1-10. doi:10.3389/fnhum.2011.00006
- Mersad, K., & Dehaene-Lambertz, G. (2015). Electrophysiological evidence of phonetic normalization across coarticulation in infants. *Developmental Science*.
- Mesika, D., Tzur, G., & Berger, A. (2014). Electrophysiological evidence for automatic processing of erroneous stimuli. *Neuropsychologia*, 59, 85-92. doi:10.1016/j.neuropsychologia.2014.04.008
- Mestre, M. R., Godsill, S. J., & Fitzgerald, W. J. (2014). Bayesian detection of single-trial event related potentials. *IEEE International Conference on Acoustic, Speech and Signal Processing*.
- Metz, A. J., Pugin, F., Huber, R., Achermann, P., & Wolf, M. (2013). Brain tissue oxygen saturation increases during the night in adolescents. *Adv Exp Med Biol*, 789, 113-119. doi:10.1007/978-1-4614-7411-1_16

Meyer, G. F., Harrison, N. R., & Wuerger, S. M. (2013). The time course of auditory-visual processing of speech and body actions: evidence for the simultaneous activation of an extended neural network for semantic processing. *Neuropsychologia*, 51(9), 1716-1725.
doi:10.1016/j.neuropsychologia.2013.05.014

Meyer, M., Luethi, M. S., Neff, P., Langer, N., & Buchi, S. (2014). Disentangling tinnitus distress and tinnitus presence by means of EEG power analysis. *Neural Plast*, 2014, 468546. doi:10.1155/2014/468546

Meyer, M. J., Coull, B. A., Versace, F., Cinciripini, P., & Morris, J. S. (2015). Bayesian function-on-function regression for multilevel functional data. *Biometrics*.
doi:10.1111/biom.12299

Meziane, H. B., Moisello, C., Perfetti, B., Kvint, S., Isaias, I. U., Quartarone, A., . . . Ghilardi, M. F. (2015). Movement Preparation and Bilateral Modulation of Beta Activity in Aging and Parkinson's Disease. *PloS one*, 10(1), e0114817. Retrieved from
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4312096/pdf/pone.0114817.pdf>

Mheich, A., Hassan, M., Dufor, O., Khalil, M., Berrou, C., & Wendling, F. (2015). *Spatiotemporal analysis of brain functional connectivity*. Paper presented at the 6th European Conference of the International Federation for Medical and Biological Engineering.

Mheich, A., Hassan, M., Khalil, M., Berrou, C., & Wendling, F. (2015). A new algorithm for spatiotemporal analysis of brain functional connectivity. *Journal of neuroscience Methods*, 242, 77-81.

Michalowski, J. M., Melzig, C., Löw, A., Weymar, M., & Hamm, A. O. (2011). Modulation of the ERP repetition effects during exposure to phobia-relevant and other affective pictures in spider phobia. *International Journal of Psychophysiology*, IN PRESS.

Michalowski, J. M., Melzig, C., Weike, A. I., Stockburger, J., Schupp, H. T., & Hamm, A. O. (2009). Brain dynamics in spider-phobic individuals exposed to phobia-relevant and other emotional stimuli. *Emotion*, 8(3), 306-315.
doi:10.1037/a0015550

Michalowski, J. M., Pané-Farré, C. A., Löw, A., & Hamm, A. O. (2015). Brain dynamics of visual attention during anticipation and encoding of threat-and safe-cues in spider-phobic individuals. *Social Cognitive and Affective Neuroscience*, nsv002.
doi:2015 Jan 20

- Michel, C. M., Lantz, G., Spinelli, L., de Peralta Menendez, R., Landis, T., & Seeck, M. (2004). 128-channel EEG source imaging in epilepsy: clinical yield and localization precision. *Journal of Clinical Neurophysiology*, 21(2), 71-83.
- Michel, C. M., Murray, M. M., Lantz, G., Gonzalez, S., Spinelli, L., & Grave de Peralta, R. (2004). EEG source imaging. *Clinical Neurophysiology*, 115(10), 2195-2222. doi:10.1016/j.clinph.2004.06.001
- Michel, C. M., Thut, G., Morand, S., Khateb, A., Pegna, A. J., Peralta, R. G. d., . . . Landis, T. (2001). Electric source imaging of human brain functions. *Brain Research Reviews*, 36, 108-118.
- Mikhailova, E., Gerasimenko, N. Y., Krylova, M., Izyurov, I., & Slavutskaya, A. (2015). Mechanisms of orientation sensitivity of human visual system: Part II. Neural patterns of early processing of information about line orientation. *Human Physiology*, 41(3), 229-241.
- Milivojevic, B., Clapp, W. C., Johnson, B. W., & Corballis, M. C. (2003). Turn that frown upside down: ERP effects of Thatcherization of misorientated faces. *Psychophysiology*, 40, 967-978. doi:10.1111/1469-8986.00115
- Milivojevic, B., Hamm, J. P., & Corballis, M. C. (2011). About turn: How object orientation affects categorisation and mental rotation. *Neuropsychologia*, 49(1), 3758-3767. doi:10.1016/j.neuropsychologia.2011.09.034
- Milivojevic, B., Johnson, B. W., Hamm, J. P., & Corballis, M. C. (2003). Non-identical neural mechanisms for two types of mental transformation: event-related potentials during mental rotation and mental paper folding. *Neuropsychologia*, 41, 1345-1356. doi:10.1016/S0028-3932(03)00060-5
- Millner, A. J., Jaroszewski, A. C., Chamarthi, H., & Pizzagalli, D. A. (2012). Behavioral and electrophysiological correlates of training-induced cognitive control improvements. *NeuroImage*, 63(2), 742-753. doi:10.1016/j.neuroimage.2012.07.032
- Milne, E. (2011). Increased Intra-Participant Variability in Children with Autistic Spectrum Disorders: Evidence from Single-Trial Analysis of Evoked EEG. *Frontiers in Physiology*, 2(51), 1-12. doi:10.3389/fpsyg.2011.00051
- Milne, E., Dunn, S. A., Freeth, M., & Rosas-Martinez, L. (2013). Visual search performance is predicted by the degree to which selective attention to features modulates the ERP between 350 and 600ms. *Neuropsychologia*, 51(6), 1109-1118. doi:10.1016/j.neuropsychologia.2013.03.002

Min, B., Busch, N., Debener, S., & Kranczioch, C. (2007). The best of both worlds: Phase-reset of human EEG alpha activity and additive power contribute to ERP generation. *International Journal of Psychophysiology*, 65, 58-68.
doi:10.1016/j.ijpsycho.2007.03.002

Minami, T., Goto, K., Kitazaki, M., & Nakauchi, S. (2011). Effects of color information on face processing using event-related potentials and gamma oscillations. *Neuroscience*, 176, 265-273. doi:10.1016/j.neuroscience.2010.12.026

Minami, T., Noritake, Y., & Nakauchi, S. (2014). Decreased beta-band activity is correlated with disambiguation of hidden figures. *Neuropsychologia*, 56, 9-16.
doi:10.1016/j.neuropsychologia.2013.12.026

Mingjin, H., Hasko, S., Schulte-Korne, G., & Bruder, J. (2012). Automatic integration of auditory and visual information is not simultaneous in Chinese. *Neurosci Lett*, 527(1), 22-27. doi:10.1016/j.neulet.2012.08.031

Minnix, J. A., Versace, F., Robinson, J. D., Lam, C. Y., Engelmann, J. M., Cui, Y., . . . Cinciripini, P. M. (2013). The late positive potential (LPP) in response to varying types of emotional and cigarette stimuli in smokers: a content comparison. *Int J Psychophysiol*, 89(1), 18-25. doi:10.1016/j.ijpsycho.2013.04.019

Mintz, M., LeGoff, D., Scornaienchi, J., Brown, M., Levin-Allen, S., Mintz, P., & Smith, C. (2009). The Underrecognized Epilepsy Spectrum: The Effects of Levetiracetam on Neuropsychological Functioning in Relation to Subclinical Spike Production. *Journal of Child Neurology*, 24(7), 807-815.

Miranda, E., Sharman, K., Kilborn, K., & Duncan, A. (2003). On harnessing the electroencephalogram for the musical braincap. *Computer Music Journal*, 27(2), 80-102.

Mišić, B., Vakorin, V., Paus, T., & McIntosh, A. R. (2011). Functional embedding predicts the variability of neural activity. *Frontiers in Systems Neuroscience*, 5(90), 1-6. doi:10.3389/fnsys.2011.00090

Mišić, B., Vakorin, V. A., Kovacevic, N., Paus, T., & McIntosh, A. R. (2011). Extracting Message Inter-Departure Time Distributions from the Human Electroencephalogram. *PloS one*, 7(6), e1002065.
doi:10.1371/journal.pcbi.1002065

Miskovic, V., & Keil, A. (2013). Visuocortical changes during delay and trace aversive conditioning: Evidence from steady-state visual evoked potentials. *Emotion*, 13(3), 554-561. doi:10.1037/a0031323

Miskovic, V., & Keil, A. (2013). Perceiving threat in the face of safety: excitation and inhibition of conditioned fear in human visual cortex. *J Neurosci*, 33(1), 72-78. doi:10.1523/JNEUROSCI.3692-12.2013

Miskovic, V., & Keil, A. (2014). Escape from harm: linking affective vision and motor responses during active avoidance. *Soc Cogn Affect Neurosci*. doi:10.1093/scan/nsu013

Miskovic, V., & Keil, A. (2014). Reliability of event-related EEG functional connectivity during visual entrainment: Magnitude squared coherence and phase synchrony estimates. *Psychophysiology*. doi:10.1111/psyp.12287

Miskovic, V., & Keil, A. (2015). Reliability of event-related EEG functional connectivity during visual entrainment: Magnitude squared coherence and phase synchrony estimates. *Psychophysiology*, 52(1), 81-89.

Miskovic, V., Martinovic, J., Wieser, M. J., Petro, N. M., Bradley, M. M., & Keil, A. (2015). Electrocortical amplification for emotionally arousing natural scenes: The contribution of luminance and chromatic visual channels. *Biological Psychology*, 106, 11-17.

Mitsudo, T., Gagnon, C., Takeichi, H., & Grondin, S. (2012). An Electroencephalographic Investigation of the Filled-Duration Illusion. *Frontiers in Integrative Neuroscience*, 5(84), 1-13. doi:10.3389/fnint.2011.00084

Mnatsakanian, E. V., & Tarkka, I. M. (2002). Task-specific expectation is revealed in scalp-recorded slow potentials. *Brain Topography*, 15(2), 87-94.

Mnatsakanian, E. V., & Tarkka, I. M. (2003). Matching of familiar faces and abstract patterns: Behavioral and high-resolution ERP study. *International Journal of Psychophysiology*, 47, 217-227.

Mnatsakanian, E. V., & Tarkka, I. M. (2004). Familiar-face recognition and comparison: source analysis of scalp-recorded event-related potentials. *Clinical Neurophysiology*, 115, 880-886. doi:10.1016/j.clinph.2003.11.027

Mnatsakanian, E. V., & Tarkka, I. M. (2005). Familiar and nonfamiliar face-specific ERP components. *International Congress Series*, 1278, 135-138. doi:10.1016/j.ics.2004.11.129

Mnatsakanian, E. V., & Tarkka, I. M. (2007). Spatio-temporal Modeling of Evoked Brain Activity During Memory Encoding and Target Comparison in Visual Tasks. *Brain Topography*, 20, 21-30. doi:10.1007/s10548-007-0027-0

- Moadab, I., Gilbert, T., Dishion, T. J., & Tucker, D. M. (2010). Frontolimbic activity in a frustrating task: Covariation between patterns of coping and individual differences in externalizing and internalizing symptoms. *Development and psychopathology*, 22, 391-404. doi:10.1017/S0954579410000131
- Mognon, A., Jovicich, J., Bruzzone, L., & Buiatti, M. (2011). ADJUST: An automatic EEG artifact detector based on the joint use of spatial and temporal features. *Psychophysiology*, 48(2), 229-240. doi:10.1111/j.1469-8986.2010.01061.x
- Mohr, C., Michel, C. M., Lantz, G., Ortigue, S., Viaud-Delmon, I., & Landis, T. (2005). Brain state-dependent functional hemispheric specialization in men but not in women. *Cerebral Cortex*, 15, 1451-1458. doi:10.1093/cercor/bhi025
- Moisello, C., Blanco, D., Lin, J., Panday, P., Kelly, S. P., Quartarone, A., . . . Ghilardi, M. F. (2015). Practice changes beta power at rest and its modulation during movement in healthy subjects but not in patients with Parkinson's disease. *Brain and Behavior*, n/a-n/a. doi:10.1002/brb3.374
- Moisello, C., Meziane, H. B., Kelly, S., Perfetti, B., Kvint, S., Voutsinas, N., . . . Ghilardi, M. F. (2013). Neural activations during visual sequence learning leave a trace in post-training spontaneous EEG. *PloS one*, 8(6), e65882. doi:10.1371/journal.pone.0065882
- Molfese, D. L., Ivanenko, A., Key, A. F., Roman, A., Molfese, V. J., O'Brien, L. M., . . . Hudac, C. M. (2013). A one-hour sleep restriction impacts brain processing in young children across tasks: evidence from event-related potentials. *Dev Neuropsychol*, 38(5), 317-336. doi:10.1080/87565641.2013.799169
- Molfese, P. J., Fletcher, J. M., & Denton, C. A. (2013). Adequate versus inadequate response to reading intervention: an event-related potentials assessment. *Dev Neuropsychol*, 38(8), 534-549. doi:10.1080/87565641.2013.825260
- Molfese, V., Molfese, P. J., & Molfese..., D. (2010). Executive Function Skills of 6 to 8 Year Olds: Brain and Behavioral Evidence and Implications for School Achievement. *Contemporary Educational Psychology*, 35, 116-125. doi:10.1016/j.cedpsych.2010.03.004
- Mollison, M. V., & Curran, T. (2012). Familiarity in source memory. *Neuropsychologia*, 50(11), 2546-2565. doi:10.1016/j.neuropsychologia.2012.06.027
- Momjian, S., Seghier, M., Seeck, M., & Michel, C. M. (2003). Mapping of the neuronal networks of human cortical brain functions. *Advances and technical standards in neurosurgery*, 28, 91.

- Monesson, A. (2009). The Other-Race Effect and its Influences on the Development of Emotion Processing. *University of Mass Amherst*, 2-61.
- Moon, H., & Magne, C. (2015). Noun/verb distinction in English stress homographs: an ERP study. *NeuroReport*. doi:10.1097/WNR.0000000000000417
- Morales-Quezada, L., Castillo-Saavedra, L., Cosmo, C., Doruk, D., Sharaf, I., Malavera, A., & Fregni, F. (2015). Optimal random frequency range in transcranial pulsed current stimulation indexed by quantitative electroencephalography. *NeuroReport*. doi:10.1097/wnr.0000000000000415
- Morales-Quezada, L., Saavedra, L. C., Rozisky, J., Hadlington, L., & Fregni, F. (2014). Intensity-dependent effects of transcranial pulsed current stimulation on interhemispheric connectivity: a high-resolution qEEG, sham-controlled study. *NeuroReport*, 25(13), 1054-1058. doi:10.1097/wnr.0000000000000228
- Morton, N. W., Kahana, M. J., Rosenberg, E. A., Baltuch, G. H., Litt, B., Sharan, A. D., . . Polyn, S. M. (2012). Category-Specific Neural Oscillations Predict Recall Organization During Memory Search. *Cereb Cortex*. doi:10.1093/cercor/bhs229
- Moser, A., Gaertig, C., & Ruz, M. (2014). Social information and personal interests modulate neural activity during economic decision-making. *Front Hum Neurosci*, 8, 31. doi:10.3389/fnhum.2014.00031
- Motomura, Y., Takeshita, A., Egashira, Y., Nishimura, T., Kim, Y.-k., & Watanuki, S. (2015). Interaction between valence of empathy and familiarity: is it difficult to empathize with the positive events of a stranger? *Journal of Physiological Anthropology*, 34, 13.
- Motomura, Y., Takeshita, A., Egashira, Y., Nishimura, T., Kim, Y.-k., Watanuki, S., & Center, I. B. I. (in press). Individual differences in empathic traits and feedback-related front-central brain activity: an event-related potential study. *Journal of Physiological Anthropology*, 34(14). doi:10.1186/s40101-015-0053-7
- Motomura, Y., Takeshita, A., Egashira, Y., Nishimura, T., Kim, Y. K., & Watanuki, S. (2015). Inter-individual relationships in empathic traits and feedback-related fronto-central brain activity: an event-related potential study. *J Physiol Anthropol*, 34(1), 14. doi:10.1186/s40101-015-0053-7
- Moulson, M. C., Balas, B., Nelson, C., & Sinha, P. (2011). EEG correlates of categorical and graded face perception. *Neuropsychologia*, 49, 3847-3853. doi:10.1016/j.neuropsychologia.2011.09.046

- Moyer, C. A., Donnelly, M. P. W., Anderson, J. C., Valek, K. C., Huckaby, S. J., Wiederholt, D. A., . . . Rice, B. L. (2011). Frontal Electroencephalographic Asymmetry Associated With Positive Emotion Is Produced by Very Brief Meditation Training. *Psychological Science*, 22(10), 1277-1279. doi:10.1177/0956797611418985
- Mueller, E. M., Pechtel, P., Cohen, A. L., Douglas, S. R., & Pizzagalli, D. A. (2015). Potentiated processing of negative feedback in depression is attenuated by anhedonia. *Depression and Anxiety*, 32(4), 296-305.
- Mueller, S., Swainson, R., & Jackson, G. M. (2009). ERP indices of persisting and current inhibitory control: A study of saccadic task switching. *NeuroImage*, 45, 191-197. doi:10.1016/j.neuroimage.2008.11.019
- Müller, M., & Gruber, T. (2000). Modulation of induced gamma band activity in the human EEG by attention and visual information processing. *International Journal of Psychophysiology*, 38, 283-299.
- Müller, M., Keil, A., Gruber, T., & Elbert, T. R. (1999). Processing of affective pictures modulates right-hemispheric gamma band EEG activity. *Clinical Neurophysiology*, 110, 1913-1920.
- Muller, M. M., & Keil, A. (2004). Neuronal synchronization and selective color processing in the human brain. *Journal of Cognitive Neuroscience*, 16(3), 503-522.
- Muluh, E. T., Vaughan, C. L., & John, L. R. (2011). High resolution event-related potentials analysis of the arithmetic-operation effect in mental arithmetic. *Clinical Neurophysiology*, 122(1), 518-529. doi:10.1016/j.clinph.2010.08.008
- Murias, M., Riedner, B. A., Huber, R., Massimini, M., Ferrarelli, F., & Tononi, G. (2009). Source modeling sleep slow waves. *Proceedings of the National Academy of Sciences of the United States of America*, 106(5), 1608-1613.
- Murias, M., Swanson, J. M., & Srinivasan, R. (2007). Functional connectivity of frontal cortex in healthy and ADHD children reflected in EEG coherence. *Cerebral Cortex*, 17(8), 1788-1799. doi:10.1093/cercor/bhl089
- Murias, M., Webb, S. J., Greenson, J., & Dawson, G. (2007). Resting state cortical connectivity reflected in EEG coherence in individuals with autism. *Biological Psychiatry*, 62, 270-273. doi:10.1016/j.biopsych.2006.11.012
- Murphy, M., Bruno, M.-A., Riedner, B. A., Boveroux, P., Noirhomme, Q., Landsness, E. C., . . . Boly, M. (2011). Propofol anesthesia and sleep: a highdensity EEG study.

Sleep, 34(3), 283-291.

Murray, M., Michel, C. M., Peralta, R. G. d., Ortigue, S., Brunet, D., Andino, S. L. G., & Schnider, A. (2004). Rapid discrimination of visual and multisensory memories revealed by electrical neuroimaging. *NeuroImage*, 21, 125-135. doi:10.1016/j.neuroimage.2003.09.035

Murray, M. M., Brunet, D., & Michel, C. M. (2008). Topographic ERP analyses: a step-by-step tutorial review. *Brain Topography*, 20, 249-264. doi:10.1007/s10548-008-0054-5

Musacchia, G., Choudhury, N., Ortiz-Mantilla, S., Realpe-Bonilla, T., Roesler, C. P., & Benasich, A. (2013). Oscillatory support for rapid frequency change processing in infants. *Neuropsychologia*, 51(13), 2812-2824. doi:10.1016/j.neuropsychologia.2013.09.006i

Musacchia, G., Ortiz-Mantilla, S., Realpe-Bonilla, T., Roesler, C. P., & Benasich, A. A. (2015). Infant Auditory Processing and Event-related Brain Oscillations. *JoVE (Journal of Visualized Experiments)*(101), e52420-e52420. Retrieved from <http://www.jove.com/video/52420/infant-auditory-processing-and-event-related-brain-oscillations>

Mushtaq, F., Stoet, G., Bland, A. R., & Schaefer, A. (2013). Relative changes from prior reward contingencies can constrain brain correlates of outcome monitoring. *PloS one*, 8(6), e66350. doi:10.1371/journal.pone.0066350.g001

Muthalib, M., Taser, A., Raethjen, J., Perrey, S., Schmidt, G., Deuschl, G., & Muthuraman, M. (2015). Effects of ON and OFF subthalamic nucleus deep brain stimulation on cortical activation during finger movements tasks: a simultaneous fNIRS and EEG study. *Abstracts/Brain Stimulation*, 8(378e394), 393.

Muthukumaraswamy, S. D., & Johnson, B. W. (2004). Changes in rolandic mu rhythm during observation of a precision grip. *Psychophysiology*, 41, 152-156. doi:10.1046/j.1469-8986.2003.00129.x

Muthukumaraswamy, S. D., & Johnson, B. W. (2004). Primary motor cortex activation during action observation revealed by wavelet analysis of the EEG. *Clinical Neurophysiology*, 115, 1760-1766. doi:10.1016/j.clinph.2004.03.004

Muthukumaraswamy, S. D., Johnson, B. W., & Hamm, J. P. (2003). A high density ERP comparison of mental rotation and mental size transformation. *Brain and cognition*, 52, 271-280. doi:10.1016/S0278-2626(03)00077-0

Muthukumaraswamy, S. D., Johnson, B. W., & McNair, N. A. (2004). Mu rhythm

modulation during observation of an object-directed grasp. *Cognitive Brain Research*, 19, 195-201. doi:10.1016/j.cogbrainres.2003.12.001

Myers, M., Grieve, P., Stark, R., Isler, J., Hofer, M., Yang, J., . . . Welch, M. (2015). Family Nurture Intervention in preterm infants alters frontal cortical functional connectivity assessed by EEG coherence. *Acta Paediatrica*, 104(7), 670-677. doi:10.1111/apa.13007

Naccache, L., & Dehaene, S. (2001). The priming method: imaging unconscious repetition priming reveals an abstract representation of number in the parietal lobes. *Cerebral Cortex*, 11, 966-974.

Naccache, L., Sportiche, S., Strauss, M., El Karoui, I., Sitt, J., & Cohen, L. (2014). Imaging 'top-down' mobilization of visual information: a case study in a posterior split-brain patient. *Neuropsychologia*, 53, 94-103. doi:10.1016/j.neuropsychologia.2013.11.009

Naci, L., Taylor, K. I., Cusack, R., & Tyler, L. K. (2012). Are the senses enough for sense? Early high-level feedback shapes our comprehension of multisensory objects. *Front Integr Neurosci*, 6, 82. doi:10.3389/fnint.2012.00082

Nagai, T., Tada, M., Kirihara, K., Yahata, N., Hashimoto, R., Araki, T., & Kasai, K. (2013). Auditory mismatch negativity and P3a in response to duration and frequency changes in the early stages of psychosis. *Schizophr Res*. doi:10.1016/j.schres.2013.08.005

Nagy, E., Potts, G. F., & Loveland, K. A. (2003). Sex-related ERP differences in deviance detection. *International Journal of Psychophysiology*, 48, 285-292. doi:10.1016/S0167-8760(03)00042-4

Nakajima, K., Minami, T., & Nakauchi, S. (2012). The face-selective N170 component is modulated by facial color. *Neuropsychologia*, 50(10), 2499-2505. doi:10.1016/j.neuropsychologia.2012.06.022

Nan, Y., Friederici, A. D., Shu, H., & Luo, Y.-J. (2009). Dissociable pitch processing mechanisms in lexical and melodic contexts revealed by ERPs. *Brain Research*, 1263, 104-113. doi:10.1016/j.brainres.2009.01.030

Naples, A., Nguyen-Phuc, A., Coffman, M., Kresse, A., Faja, S., Bernier, R., & McPartland, J. (2015). A computer-generated animated face stimulus set for psychophysiological research. *Behav Res Methods*, 47(2), 562-570. doi:10.3758/s13428-014-0491-x

Nash, M. I. (2009). Menstrual Cycle and Visual Information Processing. *Brigham Young*

University, 1-105.

- Neuhaus, E., Kresse, A., Faja, S., Bernier, R. A., & Webb, S. J. (2015). Face processing among twins with and without autism: Social correlates and twin concordance. *Social Cognitive and Affective Neuroscience*, nsv085.
- Neumann, Y., Epstein, B., Yu, Y. H., Benasich, A. A., & Shafer, V. (2014). An electrophysiological investigation of discourse coherence in healthy adults. *Clinical Linguistics & Phonetics*, 28(11), 812-825.
doi:10.3109/02699206.2014.910555
- Neumann, Y., Obler, L., Shafer, V. L., & Gomes, H. (2007). Electrophysiological evidence of lexical access disruptions. *Brain and Language*, 103, 140-141.
doi:10.1016/j.bandl.2007.07.085
- Nikolaev, A., Gepshtain, S., & van Leeuwen, C. (2013). Spontaneous EEG activity and biases in perception of supra-threshold stimuli. In Y. Yoko (Ed.), *Advances in Cognitive Neurodynamics (III)* (pp. 289-295).
- Nikolaev, A. R., Gepshtain, S., Gong, P., & Leeuwen, C. v. (2010). Duration of coherence intervals in electrical brain activity in perceptual organization. *Cerebral Cortex*, 20, 365-382. doi:10.1093/cercor/bhp107
- Nikolaev, A. R., Gepshtain, S., Kubovy, M., & Leeuwen, C. v. (2008). Dissociation of early evoked cortical activity in perceptual grouping. *Experimental Brain Research*, 186, 107-122. doi:10.1007/s00221-007-1214-7
- Nikolaev, A. R., Gong, P., & Leeuwen, C. v. (2005). Local phase synchronization of event-related activity modulated by visual attention. *International Congress Series*, 1278, 369-372. doi:10.1016/j.ics.2004.11.063
- Nikolaev, A. R., Gong, P., & Leeuwen, C. v. (2005). Evoked phase synchronization between adjacent high-density electrodes in human scalp EEG: duration and time course related to behavior. *Clinical Neurophysiology*, 116, 2403-2419.
doi:10.1016/j.clinph.2005.07.003
- Nikolaev, A. R., & Leeuwen, C. v. (2004). Flexibility in spatial and non-spatial feature grouping: an event-related potentials study. *Cognitive Brain Research*, 22, 13-25.
doi:10.1016/j.cogbrainres.2004.07.004
- Nikolaev, A. R., & Leeuwen, C. v. (2004). Effect of proximity and local orientation on evoked electrical brain activity in perceptual grouping. *International Congress Series*, 1270, 283-286. doi:10.1016/j.ics.2004.04.047

Nikolaev, A. R., Ziessler, M., Dimova, K., & Leeuwen, C. v. (2008). Anticipated action consequences as a nexus between action and perception: Evidence from event-related potentials. *Biological Psychology*, 78, 53-65.
doi:10.1016/j.biopsycho.2007.12.010

Nisar, H., Malik, A. S., Ullah, R., Shim, S.-O., Bawakid, A., Khan, M. B., & Subhani, A. R. (2015). Tracking of EEG Activity Using Motion Estimation to Understand Brain Wiring. *Signal and Image Analysis for Biomedical and Life Sciences* (pp. 159-174): Springer.

Noh, E., Herzmann, G., Curran, T., & de Sa, V. R. (2013). Using single-trial EEG to predict and analyze subsequent memory. *NeuroImage*.
doi:10.1016/j.neuroimage.2013.09.028

Noll, L., Mayes, L., & Rutherford, H. (2012). Investigating the impact of parental status and depression symptoms on the early perceptual coding of infant faces: An event-related potential study. *Social Neuroscience, iFirst*, 1-12.
doi:10.1080/17470919.2012.672457

Nordqvist, E., Rudner, M., Johansson, M., Lindgren, M., & Heimann, M. (2015). The relationship between deferred imitation, associative memory, and communication in 14-months-old children. Behavioral and electrophysiological indices. *Front Psychol*, 6, 260. doi:10.3389/fpsyg.2015.00260

Noreika, V., Canales-Johnson, A., Koh, J., Taylor, M., Massey, I., & Bekinschtein, T. A. (2015). Intrusions of a drowsy mind: neural markers of phenomenological unpredictability. *Frontiers in Psychology*, 6. doi:10.3389/fpsyg.2015.00202

Norwood, A., Wagner, J. B., Motley, C., Hirch, S. B., Vogel-Farley, V. K., & Nelson, C. A. (2013). Behavioral and electrophysiological indices of memory in typically developing and hypoxic-ischemic injured infants. *Infancy*, 1–25.
doi:10.1111/infa.12032

Notturno, F., Marzetti, L., Pizzella, V., Uncini, A., & Zappasodi, F. (2013). Local and remote effects of transcranial direct current stimulation on the electrical activity of the motor cortical network. *Hum Brain Mapp*. doi:10.1002/hbm.22322

Notturno, F., Marzetti, L., Pizzella, V., Uncini, A., & Zappasodi, F. (2014). Local and remote effects of transcranial direct current stimulation on the electrical activity of the motor cortical network. *Human Brain Mapping*, 35(5), 2220-2232.
doi:10.1002/hbm.22322

Noveck, I. A., & Posada, A. (2003). Characterizing the time course of an implicature: An evoked potentials study. *Brain and Language*, 85, 203-210. doi:10.1016/S0093-

934X(03)00053-1

Noyce, A., & Sekuler, R. (2014). Violations of newly-learned predictions elicit two distinct P3 components. *Front Hum Neurosci*, 8, 374.
doi:10.3389/fnhum.2014.00374

Noyce, A., & Sekuler, R. (2014). Oddball distractors demand attention: Neural and behavioral responses to predictability in the flanker task. *Neuropsychologia*, 65(0), 18-24. doi:<http://dx.doi.org/10.1016/j.neuropsychologia.2014.10.002>

Nunez, M., Srinivasan, R., & Vandekerckhove, J. (2015). Individual differences in attention influence perceptual decision making. *Frontiers in Psychology*, 8.

Nunez, M. D., Srinivasan, R., & Vandekerckhove, J. (2015). Individual differences in attention influence perceptual decision making. *Frontiers in Psychology*, 8, 18.
doi:10.3389/fpsyg.2015.00018

Nunez, P. L., Silberstein, R. B., Shi, Z., Carpenter, M. R., Srinivasan, R., Tucker, D. M., . . Wijesinghe, R. S. (1999). EEG coherency II: experimental comparisons of multiple measures. *Clinical Neurophysiology*, 110, 469-486.

Nunez, P. L., Srinivasan, R., Westdorp, A. F., Wijesinghe, R. S., Tucker, D. M., Silberstein, R. B., & Cadusch, P. J. (1997). EEG coherency:: I: statistics, reference electrode, volume conduction, Laplacians, cortical imaging, and interpretation at multiple scales. *Electroencephalography and Clinical Neurophysiology*, 103, 499-515.

Núñez-Peña, M. I., & Aznar-Casanova, J. A. (2009). Mental rotation of mirrored letters: Evidence from event-related brain potentials. *Brain and cognition*, 69, 180-187.
doi:10.1016/j.bandc.2008.07.003

Nyhus, E., & Curran, T. (2009). Semantic and perceptual effects on recognition memory: Evidence from ERP. *Brain Research*, 1283, 102-114.
doi:10.1016/j.brainres.2009.05.091

Nyhus, E., & Curran, T. (2011). Midazolam-induced Amnesia Reduces Memory for Details and Affects the ERP Correlates of Recollection and Familiarity. *Journal of Cognitive Neuroscience*, 24(2), 416-427.

O'Brien, J. L., Lister, J. J., Peronto, C. L., & Edwards, J. D. (in press). Perceptual and cognitive neural Correlates of the useful field of view test in older Adults. *Brain Research*.

O'Donnell, B. F., McCarley, R. W., Potts, G. F., Salisbury, D. F., Nestor, P. G., Hirayasu,

Y., . . . Shenton, M. E. (1999). Identification of neural circuits underlying P300 abnormalities in schizophrenia. *Psychophysiology*, 36, 388-398.

O'Hare, A., & Dien, J. (2008). The Fear Survey Schedule as a measure of anxious arousal: Evidence from ERPs. *Neuroscience letters*, 441, 243-247.
doi:10.1016/j.neulet.2008.06.017

O'Hare, A., Dien, J., Waterson, L. D., & Savage, C. R. (2008). Activation of the posterior cingulate by semantic priming: A co-registered ERP/fMRI study. *Brain Research*, 1189, 97-114. doi:10.1016/j.brainres.2007.10.095

O'Reilly, M., Vollmer, B., Vargha-Khadem, F., Neville, B., Connelly, A., Wyatt, J., . . . de Haan, M. (2010). Ophthalmological, cognitive, electrophysiological and MRI assessment of visual processing in preterm children without major neuromotor impairment. *Developmental Science*, 13(5), 692-705. doi:10.1111/j.1467-7687.2009.00925.x

O'Neil-Pirozzi, T., Doruk, D., Thomson, J., & Fregni, F. (2015). Immediate Memory and Electro Physiologic Effects of Prefrontal Cortex Transcranial Direct Current Stimulation on a Chronic Traumatic Brain Injury Survivor: A Case Report. *Int J Phys Med Rehabil*, 3, 278.

Oberg, S. A. K., Christie, G. J., & Tata, M. S. (2011). Problem gamblers exhibit reward hypersensitivity in medial frontal cortex during gambling. *Neuropsychologia*, IN PRESS.

Odabaei, M., Tokariev, A., Layeghy, S., Mesbah, M., Colditz, P. B., Ramon, C., & Vanhatalo, S. (2014). Neonatal EEG at scalp is focal and implies high skull conductivity in realistic neonatal head models. *NeuroImage*, 96(0), 73-80.
doi:<http://dx.doi.org/10.1016/j.neuroimage.2014.04.007>

Oostenveld, R., Fries, P., Maris, E., & Schoffelen, J.-M. (2011). FieldTrip: open source software for advanced analysis of MEG, EEG, and invasive electrophysiological data. *Computational Intelligence and Neuroscience*(156869), 1-9.
doi:10.1155/2011/156869

Ortigue, S., & Bianchi-Demicheli, F. (2008). The chronoarchitecture of human sexual desire: a high-density electrical mapping study. *NeuroImage*, 43, 337-345.
doi:10.1016/j.neuroimage.2008.07.059

Ortigue, S., Michel, C. M., Murray, M., Mohr, C., Carbonnel, S., & Landis, T. (2004). Electrical neuroimaging reveals early generator modulation to emotional words. *NeuroImage*, 21, 1242-1251. doi:10.1016/j.neuroimage.2003.11.007

Ortigue, S., Sinigaglia, C., Rizzolatti, G., & Grafton, S. T. (2010). Understanding Actions of Others: The Electrodynamics of the Left and Right Hemispheres. A High-Density EEG Neuroimaging Study. *PLoS one*, 5(8), e12160. doi:10.1371/journal.pone.0012160

Ortigue, S., Thompson, J., Parasuraman, R., & Grafton, S. T. (2009). Spatio-Temporal Dynamics of Human Intention Understanding in Temporo-Parietal Cortex. *archlab.gmu.edu*, 4(9), e6962. doi:10.1371/journal.pone.0006962

Ortigue, S., Thompson, J., Parasuraman, R., & Grafton, S. T. (2009). Spatio-temporal dynamics of human intention understanding in temporo-parietal cortex: a combined EEG/fMRI repetition suppression paradigm. *PLoS one*, 4(9), e6962. doi:10.1371/journal.pone.0006962

Ortiz-Mantilla, S., Choudhury, N., Alvarez, B., & Benasich, A. A. (2010). Involuntary switching of attention mediates differences in event-related responses to complex tones between early and late Spanish-English bilinguals. *Brain Research*, 1362, 78-92. doi:10.1016/j.brainres.2010.09.031

Ortiz-Mantilla, S., Hamalainen, J. A., & Benasich, A. A. (2012). Time course of ERP generators to syllables in infants: a source localization study using age-appropriate brain templates. *NeuroImage*, 59(4), 3275-3287. doi:10.1016/j.neuroimage.2011.11.048

Ortiz-Mantilla, S., Hamalainen, J. A., Musacchia, G., & Benasich, A. A. (2013). Enhancement of gamma oscillations indicates preferential processing of native over foreign phonemic contrasts in infants. *J Neurosci*, 33(48), 18746-18754. doi:10.1523/JNEUROSCI.3260-13.2013

Ott, C., Langer, N., Oechslin, M. S., Meyer, M., & Jancke, L. (2011). Processing of Voiced and Unvoiced Acoustic Stimuli in Musicians. *Frontiers in Physiology*, 2(195), 1-10. doi:10.3389/fpsyg.2011.00195

Ott, C. G., & Jancke, L. (2013). Processing of self-initiated speech-sounds is different in musicians. *Front Hum Neurosci*, 7, 41. doi:10.3389/fnhum.2013.00041

Ott, C. G., Stier, C., Herrmann, C. S., & Jancke, L. (2013). Musical expertise affects attention as reflected by auditory-evoked gamma-band activity in human EEG. *NeuroReport*, 24(9), 445-450. doi:10.1097/WNR.0b013e328360abdb

Overney, L. S., & Blanke, O. (2009). Impaired imagery for upper limbs. *Brain Topography*, 22, 27-43. doi:10.1007/s10548-008-0065-2

Paek, A. Y., Agashe, H. A., & Contreras-Vidal, J. L. (2014). Decoding repetitive finger

movements with brain activity acquired via non-invasive electroencephalography. *Front Neuroeng*, 7, 3. doi:10.3389/fneng.2014.00003

Palomares, M., Ales, J. M., Wade, A. R., Cottreau, B. R., & Norcia, A. M. (2012). Distinct effects of attention on the neural responses to form and motion processing: a SSVEP source-imaging study. *J Vis*, 12(10), 1–14. doi:10.1167/12.10.15

Panadero, A., Castellanos, M., & Tudela, P. (2015). Unconscious context-specific proportion congruency effect in a stroop-like task. *Consciousness and Cognition*, 31, 35-45.

Papadaniil, C., Kosmidou, V., Tsolaki, A., Hadjileontiadis, L., Tsolaki, M., & Kompatsiaris, I. (2015). Age Effect in Human Brain Responses to Emotion Arousing Images: The EEG 3D-Vector Field Tomography Modeling Approach. *Autonomous Mental Development, IEEE Transactions on*, PP(99), 1-1. doi:10.1109/TAMD.2015.2416977

Paquette, N., Vannasing, P., Lefrancois, M., Lefebvre, F., Roy, M. S., McKerral, M., . . . Gallagher, A. (2013). Neurophysiological correlates of auditory and language development: a mismatch negativity study. *Dev Neuropsychol*, 38(6), 386-401. doi:10.1080/87565641.2013.805218

Parise, E., & Csibra, G. (2012). Electrophysiological Evidence for the Understanding of Maternal Speech by 9-Month-Old Infants. *Psychological Science*, 1-6. doi:10.1177/0956797612438734

Parise, E., & Csibra, G. (2013). Neural responses to multimodal ostensive signals in 5-month-old infants. *PloS one*, 8(8), e72360. doi:10.1371/

Park, H. R., Lim, V. K., Kirk, I. J., & Waldie, K. E. (2015). P50 sensory gating deficits in schizotypy. *Personality and Individual Differences*, 82, 142-147.

Park, S., Chu, M., Kim, J., Noh, J., Jeon, M., Lee, B. H., . . . Lee, B.-g. (2015). Electronic system with memristive synapses for pattern recognition. *Sci Rep*, 5.

Parnes, M., Berger, A., & Tzelgov, J. (2012). Brain representations of negative numbers. *Can J Exp Psychol*, 66(4), 251-258. doi:10.1037/a0028989

Pastena, L., Formaggio, E., Faralli, F., Melucci, M., Rossi, M., Gagliardi, R., . . . Storti, S. F. (2015). Bluetooth Communication Interface for EEG Signal Recording in Hyperbaric Chambers. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 23(4).

- Pastena, L., Formaggio, E., Storti, S. F., Faralli, F., Melucci, M., Gagliardi, R., . . . Ruffino, G. (2015). Tracking EEG changes during the exposure to hyperbaric oxygen. *Clinical Neurophysiology*, 126(2), 339-347. doi:<http://dx.doi.org/10.1016/j.clinph.2014.05.013>
- Pastor, M., Bradley, M. M., Löw, A., Versace, F., Molto, J., & Lang, P. J. (2008). Affective picture perception: emotion, context, and the late positive potential. *Brain Research*, 1189, 145-151. doi:[10.1016/j.brainres.2007.10.072](https://doi.org/10.1016/j.brainres.2007.10.072)
- Patston, L., Kirk, I. J., Rolfe, M., Corballis, M. C., & Tippett, L. J. (2007). The unusual symmetry of musicians: Musicians have equilateral interhemispheric transfer for visual information. *Neuropsychologia*, 45, 2059-2065. doi:[10.1016/j.neuropsychologia.2007.02.001](https://doi.org/10.1016/j.neuropsychologia.2007.02.001)
- Payne, L., Guillory, S., & Sekuler, R. (2013). Attention-modulated alpha-band oscillations protect against intrusion of irrelevant information. *J Cogn Neurosci*, 25(9), 1463-1476. doi:[10.1162/jocn_a_00395](https://doi.org/10.1162/jocn_a_00395)
- Pechtel, P., & Pizzagalli, D. A. (2013). Disrupted reinforcement learning and maladaptive behavior in women with a history of childhood sexual abuse: a high-density event-related potential study. *JAMA Psychiatry*, 70(5), 499-507. doi:[10.1001/jamapsychiatry.2013.728](https://doi.org/10.1001/jamapsychiatry.2013.728)
- Pedroni, A., Langer, N., Koenig, T., Allemand, M., & Jancke, L. (2011). Electroencephalographic Topography Measures of Experienced Utility. *Journal of Neuroscience*, 31(29), 10474-10480. doi:[10.1523/JNEUROSCI.5488-10.2011](https://doi.org/10.1523/JNEUROSCI.5488-10.2011)
- Pegado, F., Bekinschtein, T. A., Chausson, N., Dehaene, S., Cohen, L., & Naccache, L. (2010). Probing the lifetimes of auditory novelty detection processes. *Neuropsychologia*, 48, 3145-3154. doi:[10.1016/j.neuropsychologia.2010.06.030](https://doi.org/10.1016/j.neuropsychologia.2010.06.030)
- Pegna, A., Darque, A., Berrut, C., & Khateb, A. (2011). Early ERP Modulation for Task-Irrelevant Subliminal Faces. *Frontiers in Physiology*, 2(88), 1-10. doi:[10.3389/fpsyg.2011.00088](https://doi.org/10.3389/fpsyg.2011.00088)
- Pegna, A. J., Khateb, A., Michel, C. M., & Landis, T. (2004). Visual recognition of faces, objects, and words using degraded stimuli: where and when it occurs. *Human Brain Mapping*, 22, 300-311. doi:[10.1002/hbm.20039](https://doi.org/10.1002/hbm.20039)
- Pei, F., Baldassi, S., & Norcia, A. M. (2014). Electrophysiological measures of low-level vision reveal spatial processing deficits and hemispheric asymmetry in autism spectrum disorder. *J Vis*, 14(11). doi:[10.1167/14.11.3](https://doi.org/10.1167/14.11.3)
- Pei, F., Pettet, M., Vildavski, V. Y., & Norcia, A. M. (2005). Event-related potentials

show configural specificity of global form processing. *NeuroReport*, 16(13), 1427-1430.

Peltola, M. J., Hietanen, J. K., Forssman, L., & Leppänen, J. M. (2013). The Emergence and Stability of the Attentional Bias to Fearful Faces in Infancy. *Infancy*, n/a-n/a. doi:10.1111/infa.12013

Peña, M., Pittaluga, E., & Mehler, J. (2010). Language acquisition in premature and full-term infants. *Proceedings of the National Academy of Sciences of the United States of America*, 107(8), 3823-3828. doi:10.1073/pnas.0914326107

Pena, M., Werker, J. F., & Dehaene-Lambertz, G. (2012). Earlier speech exposure does not accelerate speech acquisition. *J Neurosci*, 32(33), 11159-11163. doi:10.1523/JNEUROSCI.6516-11.2012

Peng, G., Minett, J. W., & Wang, W. S.-Y. (2010). Cultural background influences the liminal perception of Chinese characters: An ERP study. *Journal of Neurolinguistics*, 23, 416-426. doi:10.1016/j.jneuroling.2010.03.004

Pequito, S., Bogdan, P., & Pappas, G. J. (2015). Minimum Number of Probes for Brain Dynamics Observability. *arXiv preprint arXiv:1508.07073*.

Pérez, E., Meyer, G. F., & Harrison, N. (2008). Neural correlates of attending speech and non-speech: ERPs associated with duplex perception. *Journal of Neurolinguistics*, 21, 452-471. doi:10.1016/j.jneuroling.2007.12.001

Perfetti, B., Moisello, C., Landsness, E. C., Kvint, S., Lanzafame, S., Onofrj, M., . . . Ghilardi, M. F. (2011). Modulation of Gamma and Theta Spectral Amplitude and Phase Synchronization Is Associated with the Development of Visuo-Motor Learning. *The Journal of Neuroscience*, 31(41), 14810-14819. doi:10.1523/JNEUROSCI.1319-11.2011

Perfetti, B., Moisello, C., Landsness, E. C., Kvint, S., Pruski, A., Onofrj, M., . . . Ghilardi, M. F. (2010). Reconstructing three-dimensional hand movements from noninvasive electroencephalographic signals. *Journal of Neuroscience*, 105, 18-27. doi:10.1152/jn.00778.2010

Perfetti, B., Moisello, C., Landsness, E. C., Kvint, S., Pruski, A., Onofrj, M., . . . Ghilardi, M. F. (2011). Temporal Evolution of Oscillatory Activity Predicts Performance in a Choice-Reaction Time Reaching Task. *Journal of Neurophysiology*, 105(1), 18-27. doi:10.1152/jn.00778.2010

Perfetti, B., Moisello, C., Lanzafame, S., Varanese, S., Landsness, E. C., Onofrj, M., . . . Ghilardi, M. F. (2010). Attention modulation regulates both motor and non-motor

performance: a high-density EEG study in Parkinson's disease. *Archives italiennes de biologie*, 148(3), 279-288.

Perlstein, W. M., Coles, M. G. H., Larson, M. J., Kelly, K., Seignourel, P., & Keil, A. (2003). Steady-state visual evoked potentials reveal frontally-mediated working memory activity in humans. *Neuroscience letters*, 342, 191-195.
doi:10.1016/S0304-3940(03)00226-X

Peters, J. M., Taquet, M., Vega, C., Jeste, S. S., Fernandez, I. S., Tan, J., . . . Warfield, S. K. (2013). Brain functional networks in syndromic and non-syndromic autism: a graph theoretical study of EEG connectivity. *BMC Med*, 11, 54.
doi:10.1186/1741-7015-11-54

Petersen, E. B., Wöstmann, M., Obleser, J., Stenfelt, S., & Lunner, T. (2015). Hearing loss impacts neural alpha oscillations under adverse listening conditions. *Frontiers in Psychology*, 6. doi:10.3389/fpsyg.2015.00177

Peterson, D. J., Gözenman, F., Arciniega, H., & Berryhill, M. E. (2015). Contralateral delay activity tracks the influence of Gestalt grouping principles on active visual working memory representations. *Attention, Perception, & Psychophysics*, 1-14.

Petro, N. M., & Keil, A. (2015). Pre-target oscillatory brain activity and the attentional blink. *Experimental Brain Research*, 1-13.

Petrov, Y., Nador, J., Hughes, C., Tran, S., Yavuzcetin, O., & Sridhar, S. (2014). Ultra-dense EEG sampling results in two-fold increase of functional brain information. *NeuroImage*, 90, 140-145. doi:10.1016/j.neuroimage.2013.12.041

Petrov, Y., Nador, J., & Qian, J. (2012). VEP Correlates of Feedback in Human Cortex. *PloS one*, 7(12), e51791.

Peyrin, C., Michel, C. M., Schwartz, S., Thut, G., Seghier, M., Landis, T., . . . Vuilleumier, P. (2010). The Neural Substrates and Timing of Top-Down Processes during Coarse-to-Fine Categorization of Visual Scenes: A Combined fMRI and ERP Study. *Journal of Cognitive Neuroscience*, 22(12), 2768-2780.

Piantoni, G., Kline, K. A., & Eagleman, D. M. (2010). Beta oscillations correlate with the probability of perceiving rivalrous visual stimuli. *Journal of Vision*, 10(13), 1-11.
doi:10.1167/10.13.18

Piantoni, G., Poil, S. S., Linkenkaer-Hansen, K., Verweij, I. M., Ramautar, J. R., Van Someren, E. J., & Van Der Werf, Y. D. (2013). Individual differences in white matter diffusion affect sleep oscillations. *J Neurosci*, 33(1), 227-233.
doi:10.1523/JNEUROSCI.2030-12.2013

- Piarulli, A., Menicucci, D., Gemignani, A., Olcese, U., d'Ascanio, P., Pingitore, A., . . . Landi, A. (2010). Likeness-Based Detection of Sleep Slow Oscillations in Normal and Altered Sleep Conditions: Application on Low-Density EEG Recordings. *IEEE Transactions on Biomedical Engineering*, 57(2), 363-372. doi:10.1109/TBME.2009.2031983
- Pierce, L. J., Scott, L. S., Boddington, S., Droucker, D., Curran, T., & Tanaka, J. W. (2011). The N250 Brain Potential to Personally Familiar and Newly Learned Faces and Objects. *Frontiers in Human Neuroscience*, 5(111), 1-13. doi:10.3389/fnhum.2011.00111
- Pierce, T., Kelly, S. P., Watson, T. D., Replogle, D., King, J. S., & Pribram, K. H. (2000). Age differences in dynamic measures of EEG. *Brain Topography*, 13(2), 127-134.
- Pierce, T., Watson, T. D., King, J. S., Kelly, S. P., & Pribram, K. H. (2003). Age differences in factor analysis of EEG. *Brain Topography*, 16(1), 19-27.
- Pincham, H. L., & Szucs, D. (2011). Conscious Access Is Linked to Ongoing Brain State: Electrophysiological Evidence from the Attentional Blink. *Cerebral Cortex*, 1, 1-8. doi:10.1093/cercor/bhr314
- Pincham, H. L., & Szucs, D. (2012). Conscious access is linked to ongoing brain state: electrophysiological evidence from the attentional blink. *Cereb Cortex*, 22(10), 2346-2353. doi:10.1093/cercor/bhr314
- Pincham, H. L., & Szűcs, D. (2014). Disruption reduces accuracy and P3b amplitudes in the attentional blink. *Neuroscience letters*, 581(0), 26-31. doi:<http://dx.doi.org/10.1016/j.neulet.2014.08.019>
- Pittau, F., Grouiller, F., Spinelli, L., Seeck, M., Michel, C. M., & Vulliemoz, S. (2014). The role of functional neuroimaging in pre-surgical epilepsy evaluation. *Front Neurol*, 5, 31. doi:10.3389/fneur.2014.00031
- Plits, M. A., Gavin, W. J., & Nerger, J. L. (2008). Early top-down influences on bistable perception revealed by event-related potentials. *Brain and cognition*, 67, 11-24. doi:10.1016/j.bandc.2007.10.004
- Plits, M. A., Martínez, A., Stalmaster, C., Nerger, J. L., & Hillyard, S. A. (2009). Neural generators of ERPs linked with Necker cube reversals. *Psychophysiology*, 46, 694-702. doi: 10.1111/j.1469-8986.2009.00822.x
- Plits, M. A., Nerger, J. L., & Davis, T. (2007). Electrophysiological correlates of

perceptual reversals for three different types of multistable images. *Journal of Vision*, 7(1), 1-14. doi:10.1167/7.1.6

Pivik, R. T., Andres, A., & Badger, T. M. (2012). Effects of diet on early stage cortical perception and discrimination of syllables differing in voice-onset time: A longitudinal ERP study in 3 and 6month old infants. *Brain and Language*, 120(1), 27-41. doi:10.1016/j.bandl.2011.08.004

Pizzagalli, D. A., Greischar, L. L., & Davidson, R. J. (2003). Spatio-temporal dynamics of brain mechanisms in aversive classical conditioning: high-density event-related potential and brain electrical tomography analyses. *Neuropsychologia*, 41, 184-194.

Pizzagalli, D. A., Peccoralo, L. A., Davidson, R. J., & Cohen, J. D. (2006). Resting anterior cingulate activity and abnormal responses to errors in subjects with elevated depressive symptoms: A 128-channel EEG study. *Human Brain Mapping*, 27(3), 185-201.

Plante, D., Goldstein, M., Cook, J., Smith, R., Riedner, B., Rumble, M., . . . Benca, R. (2015). Effects of oral temazepam on sleep spindles during non-rapid eye movement sleep: A High-density EEG investigation. *European Neuropsychopharmacology*. doi:10.1016/j.euroneuro.2015.06.005

Plante, D., Landsness, E., & Peterson..., M. (2012). Altered slow wave activity in major depressive disorder with hypersomnia: A high density EEG pilot study. *Psychiatry Research: Neuroimaging*, 201, 240-244. doi:10.1016/j.pscychresns.2012.03.001

Plante, D. T., Goldstein, M. R., Cook, J. D., Smith, R., Riedner, B. A., Rumble, M. E., . . . Peterson, M. J. (in press). Effects of oral temazepam on sleep spindles during non-rapid eye movement sleep: A high-density EEG investigation. *European Neuropsychopharmacology*. doi:<http://dx.doi.org/10.1016/j.euroneuro.2015.06.005>

Plante, D. T., Goldstein, M. R., Landsness, E. C., Peterson, M. J., Riedner, B. A., Ferrarelli, F., . . . Benca, R. M. (2012). Topographic and sex-related differences in sleep spindles in major depressive disorder: A high-density EEG investigation. *J Affect Disord*. doi:10.1016/j.jad.2012.06.016

Plante, D. T., Goldstein, M. R., Landsness, E. C., Riedner, B. A., Guokas, J. J., Wanger, T., . . . Benca, R. M. (2013). Altered overnight modulation of spontaneous waking EEG reflects altered sleep homeostasis in major depressive disorder: A high-density EEG investigation. *J Affect Disord*, 150(3), 1167-1173. doi:10.1016/j.jad.2013.05.084

- Plante, D. T., Landsness, E. C., Peterson, M. J., Goldstein, M. R., Riedner, B. A., Wanger, T., . . . Benca, R. M. (2012). Sex-related differences in sleep slow wave activity in major depressive disorder: a high-density EEG investigation. *BMC psychiatry*, 12, 146. doi:10.1186/1471-244X-12-146
- Plattner, K., Lambert, M. I., Tam, N., & Baumeister, J. (2012). The response of cortical alpha activity to pain and neuromuscular changes caused by exercise-induced muscle damage. *Scandinavian Journal of Medicine & Science in Sports*, n/a-n/a. doi:10.1111/j.1600-0838.2012.01486.x
- Plattner, K., Lambert, M. I., Tam, N., & Baumeister, J. (2014). The response of cortical alpha activity to pain and neuromuscular changes caused by exercise-induced muscle damage. *Scandinavian Journal of Medicine & Science in Sports*, 24(1), 166-178. doi:10.1111/j.1600-0838.2012.01486.x
- Plattner, K., Lambert, M. I., Tam, N., Lamberts, R. P., & Baumeister, J. (2013). Changes in cortical beta activity related to a biceps brachii movement task while experiencing exercise induced muscle damage. *Physiol Behav*. doi:10.1016/j.physbeh.2013.08.022
- Plodowski, A., Swainson, R., Jackson, G. M., Rorden, C., & Jackson, S. R. (2003). Mental representation of number in different numerical forms. *Current Biology*, 13, 2045-2050. doi:10.1016/j.cub.2003.11.023
- Podubnaia-Birca, A. (2008). Electro-clinical characteristics of febrile seizures and the risk of epilepsy. *University of Montreal*, 1-132.
- Ponjavic-Conte, K. D., Dowdall, J. R., Hambrook, D. A., Luczak, A., & Tata, M. S. (2012). Neural correlates of auditory distraction revealed in theta-band EEG. *NeuroReport*, 23(4), 240-245. doi:10.1097/WNR.0b013e3283505ac6
- Ponjavic-Conte, K. D., Hambrook, D. A., Pavlovic, S., & Tata, M. S. (2013). Dynamics of distraction: competition among auditory streams modulates gain and disrupts inter-trial phase coherence in the human electroencephalogram. *PloS one*, 8(1), e53953. doi:10.1371/journal.pone.0053953
- Poolman, P., Frank, R. M., Luu, P., Pederson, S., & Tucker, D. M. (2008). A single-trial analytic framework for EEG analysis and its application to target detection and classification. *NeuroImage*, 42(2), 787-798. doi:10.1016/j.neuroimage.2008.03.031
- Poortvliet, P. C., Tucker, K. J., Finnigan, S., Scott, D., Sowman, P., & Hodges, P. W. (2015). Cortical activity differs between position-and force-control knee extension tasks. *Experimental Brain Research*, 1-11.

- Popov, T., Wienbruch, C., Meissner, S., Miller, G. A., & Rockstroh, B. (2015). A mechanism of deficient interregional neural communication in schizophrenia. *Psychophysiology*, 52(5), 648-656.
- Porcaro, C., Maedaglia, M. T., Thai, N. J., Ser, S., Rotshtein, P., & Tecchio, F. (2014). Contradictory Reasoning Network: An EEG and fMRI Study. *PloS one*, 9(3), e92835. doi:10.1371/journal.pone.0092835
- Poryazova, R., Huber, R., Khatami, R., Werth, E., Brugger, P., Barath, K., . . . Bassetti, C. L. (2015). Topographic sleep EEG changes in the acute and chronic stage of hemispheric stroke. *Journal of Sleep Research*, 24(1), 54-65.
- Posada, A., Franck, N., Augier, S., Georgieff, N., & Jeannerod, M. (2007). Altered processing of sensorimotor feedback in schizophrenia. *Comptes Rendus Biologies*, 330, 382-388. doi:10.1016/j.crvi.2007.02.003
- Posada, A., Hugues, E., Franck, N., Vianin, P., & Kilner, J. (2003). Augmentation of induced visual gamma activity by increased task complexity. *European Journal of Neuroscience*, 18, 2351-2356. doi:10.1046/j.1460-9568.2003.02962.x
- Posada, A., Vianin, P., & Giard, M. (2003). Stimulus and response ERP analyses of a two-level reaction time task. *Experimental Brain Research*, 152, 79-86. doi:10.1007/s00221-003-1439-z
- Posada, A., Zalla, T., Vianin, P., Georgieff, N., & Franck, N. (2005). Event-related potentials during rule processing in schizophrenia. *Psychiatry Research*, 134, 55-66. doi:10.1016/j.psychres.2003.05.001
- Posner, M. I., & Abdullaev, Y. (1999). Neuroanatomy, circuitry and plasticity of word reading. *NeuroReport*, 10(3), R12-R23.
- Posner, M. I., & Pavese, A. (1998). Anatomy of word and sentence meaning. *Proceedings of the Academy of Sciences of the United States of America*, 95, 899-905.
- Potts, G. F. (2004). An ERP index of task relevance evaluation of visual stimuli. *Brain and cognition*, 56, 5-13. doi:10.1016/j.bandc.2004.03.006
- Potts, G. F. (2011). Impact of reward and punishment motivation on behavior monitoring as indexed by the error-related negativity. *International Journal of Psychophysiology*, 81, 324-331. doi:10.1016/j.ijpsycho.2011.07.020

- Potts, G. F., Bloom, E. L., Evans, D. E., & Drobes, D. J. (2014). Neural reward and punishment sensitivity in cigarette smokers. *Drug and Alcohol Dependence*, 144(0), 245-253. doi:<http://dx.doi.org/10.1016/j.drugalcdep.2014.09.773>
- Potts, G. F., Dien, J., Hartry-Speiser, A. L., McDougal, L. M., & Tucker, D. M. (1998). Dense sensor array topography of the event-related potential to task-relevant auditory stimuli. *Electroencephalography and Clinical Neurophysiology*, 106, 444-456.
- Potts, G. F., Hirayasu, Y., O'Donnell, B. F., Shenton, M. E., & McCarley, R. W. (1998). High-density recording and topographic analysis of the auditory oddball event-related potential in patients with schizophrenia*. 1. *Biological Psychiatry*, 44, 982-989.
- Potts, G. F., Martin, L. E., Burton, P., & Montague, P. R. (2006). When things are better or worse than expected: the medial frontal cortex and the allocation of processing resources. *Journal of Cognitive Neuroscience*, 18(7), 1112-1119.
- Potts, G. F., Martin, L. E., Kamp, S. M., & Donchin, E. (2011). Neural response to action and reward prediction errors: Comparing the error-related negativity to behavioral errors and the feedback-related negativity to reward prediction violations. *Psychophysiology*, 48(2), 218-228. doi:10.1111/j.1469-8986.2010.01049.x
- Potts, G. F., O'Donnell, B. F., Hirayasu, Y., & McCarley, R. W. (2002). Disruption of neural systems of visual attention in schizophrenia. *Archives of General Psychiatry*, 59, 418-424.
- Potts, G. F., & Tucker, D. M. (2001). Frontal evaluation and posterior representation in target detection. *Cognitive Brain Research*, 11, 147-156.
- Poulsen, C., Luu, P., Crane, S., Quiring, J. M., & Tucker, D. M. (2009). Frontolimbic activity and cognitive bias in major depression. *Journal of Abnormal Psychology*, 118(3), 494-506. doi:10.1037/a0015920
- Poulsen, C., Luu, P., Davey, C., & Tucker, D. M. (2005). Dynamics of task sets: Evidence from dense-array event-related potentials. *Cognitive Brain Research*, 24, 133-154. doi:10.1016/j.cogbrainres.2005.01.008
- Poulsen, C., Luu, P., Davey, C., Tucker, D. M., & Nelson, J. (2011). From Sound to Meaning: Changes in EEG Source-Localized Brain Activity with Foreign-Language Training. *Foundations of Augmented Cognition. Directing the Future of Adaptive Systems, HCII 2011(LNAI 6780)*, 203-211.
- Poulsen, C., Picton, T. W., & Paus, T. (2007). Age-Related Changes in Transient and

Oscillatory Brain Responses to Auditory Stimulation in Healthy Adults 19-45 Years Old. *Cerebral Cortex*, 17, 1454-1467. doi:10.1093/cercor/bhl056

Poulsen, C., Picton, T. W., & Paus, T. (2009). Age-related changes in transient and oscillatory brain responses to auditory stimulation during early adolescence. *Developmental Science*, 12(2), 220-235. doi:10.1111/j.1467-7687.2008.00760.x

Power, A. J., Mead, N., Barnes, L., & Goswami, U. (2012). Neural entrainment to rhythmically presented auditory, visual, and audio-visual speech in children. *Front Psychol*, 3, 216. doi:10.3389/fpsyg.2012.00216

Praamstra, P., & Kourtis, D. (2010). An early parietal ERP component of the frontoparietal system: EDAN [not equal to] N2pc. *Brain Research*, 1317, 203-210. doi:10.1016/j.brainres.2009.12.090

Prado, J., Kaliuzhna, M., Cheylus, A., & Noveck, I. A. (2008). Overcoming perceptual features in logical reasoning: An event-related potentials study. *Neuropsychologia*, 46, 2629-2637. doi:10.1016/j.neuropsychologia.2008.04.017

Preston, G., Anderson, E., Silva, C., Goldberg, T., & Wassermann, E. M. (2010). Effects of 10 Hz rTMS on the neural efficiency of working memory. *Journal of Cognitive Neuroscience*, 22(3), 447-456.

Prete, G., Capotosto, P., Zappasodi, F., Laeng, B., & Tommasi, L. (2015). The cerebral correlates of subliminal emotions: An EEG study with emotional hybrid faces. *European Journal of Neuroscience*.

Proctor, B. J., & Meyer, G. F. (2011). Electrophysiological correlates of facial configuration and audio-visual congruency: evidence that face processing is a visual rather than a multisensory task. *Experimental Brain Research*, 213, 203-211. doi:10.1007/s00221-011-2724

Putnam, K. M., & McSweeney, L. B. (2008). Depressive symptoms and baseline prefrontal EEG alpha activity: A study utilizing Ecological Momentary Assessment. *Biological Psychology*, 77, 237-240. doi:10.1016/j.biopsych.2007.10.010

Putnam, K. M., Pizzagalli, D. A., Gooding, D. C., Kalin, N. H., & Davidson, R. J. (2008). Neural activity and diurnal variation of cortisol: Evidence from brain electrical tomography analysis and relevance to anhedonia. *Psychophysiology*, 45, 886-895. doi:10.1111/j.1469-8986.2008.00697.x

Qin, Y., Xu, P., & Yao, D. (2010). A comparative study of different references for EEG default mode network: The use of the infinity reference. *Clinical Neurophysiology*,

121, 1981-1991. doi:10.1016/j.clinph.2010.03.056

- Quinn, P., Doran, M., Reiss, J. E., & Hoffman, J. E. (2010). Neural markers of subordinate-level categorization in 6-to 7-month-old infants. *Developmental Science*, 13(3), 499-507. doi:10.1111/j.1467-7687.2009.00903.x
- Quinn, P., Westerlund, A., & Nelson III, C. A. (2006). Neural markers of categorization in 6-month-old infants. *Psychological Science*, 17(1), 59-66. doi:10.1111/j.1467-9280.2005.01665
- Racer, K. H., Gilbert, T. T., Luu, P., Felver-Gant, J., Abdullaev, Y., & Dishion, T. J. (2011). Attention Network Performance and Psychopathic Symptoms in Early Adolescence: An ERP Study. *Journal of Abnormal Child Psychology*, 39, 1001-1012. doi:10.1007/s10802-011-9522-6
- Radin, D. I., Vieten, C., Michel, L., & Delorme, A. (2011). Electrocortical Activity Prior to Unpredictable Stimuli in Meditators and Nonmeditators. *Explore*, 7(5), 286-299. doi:10.1016/j.explore.2011.06.004
- Rama, P., Sirri, L., & Serres, J. (2013). Development of lexical-semantic language system: N400 priming effect for spoken words in 18- and 24-month old children. *Brain Lang*, 125(1), 1-10. doi:10.1016/j.bandl.2013.01.009
- RamaRaju, P., Rao, V. M., & AnogjnaAurora, N. (2011). Incursion Model for Nomenclature of EEG Signals via Wavelet Transform. *International Journal of Communication Network & Security*, 1(1), 29-33.
- Ramon, C., & Holmes, M. D. (2012). Noninvasive epileptic seizure localization from stochastic behavior of short duration interictal high density scalp EEG data. *Brain Topogr*, 25(1), 106-115. doi:10.1007/s10548-011-0188-8
- Ramon, C., & Holmes, M. D. (2013). Noninvasive localization of epileptic sites from stable phase synchronization patterns on different days derived from short duration interictal scalp dEEG. *Brain Topogr*, 26(1), 1-8. doi:10.1007/s10548-012-0236-z
- Ramon, C., & Holmes, M. D. (2013). Stochastic Behavior of Phase Synchronization Index and Cross-Frequency Couplings in Epileptogenic Zones during Interictal Periods Measured with Scalp dEEG. *Front Neurol*, 4, 57. doi:10.3389/fneur.2013.00057
- Ramon, C., & Holmes, M. D. (2015). Spatiotemporal phase clusters and phase synchronization patterns derived from high density EEG and ECoG recordings. *Current opinion in Neurobiology*, 31, 127-132.

- Ramon, C., Holmes, M. D., Freeman, W. J., Gratkowski, M., Eriksen, K. J., & Haueisen, J. (2009). Power spectral density changes and language lateralization during covert object naming tasks measured with high-density EEG recordings. *Epilepsy & Behavior*, 14(1), 54-59. doi:10.1016/j.yebeh.2008.08.018
- Ramon, C., Holmes, M. D., Freeman, W. J., McElroy, R., & Rezvanian, E. (2008). Comparative analysis of temporal dynamics of EEG and phase synchronization of EEG to localize epileptic sites from high density scalp EEG interictal recordings. *Engineering in Medicine and Biology Society*, 4548-4550. doi:10.1109/IEMBS.2008.4650224
- Ranzini, M., Dehaene, S., Piazza, M., & Hubbard, E. M. (2009). Neural mechanisms of attentional shifts due to irrelevant spatial and numerical cues. *Neuropsychologia*, 47, 2615-2624. doi:10.1016/j.neuropsychologia.2009.05.011
- Ravan, M., Reilly, J. P., & Hasey, G. (2014). Minimum variance brain source localization for short data sequences. *IEEE Trans on Biomedical Engineering*, 61(2), 535–546.
- Ravan, M., Reilly, J. P., Trainor, L. J., & Khodayari-Rostamabad, A. (2011). A machine learning approach for distinguishing age of infants using auditory evoked potentials. *Clinical Neurophysiology*, 122, 2139-2150. doi:10.1016/j.clinph.2011.04.002
- Ray, W. J., Keil, A., Mikuteit, A., Bongartz, W., & Elbert, T. R. (2002). High resolution EEG indicators of pain responses in relation to hypnotic susceptibility and suggestion. *Biological Psychology*, 60, 17-36.
- Raz, S. (2014). Behavioral and neural correlates of cognitive-affective function during late pregnancy: an Event-Related Potentials study. *Behav Brain Res*, 267, 17-25. doi:10.1016/j.bbr.2014.03.021
- Raz, S., & Dan, O. (2014). Altered event-related potentials in adults with ADHD during emotional faces processing. *Clin Neurophysiol*. doi:10.1016/j.clinph.2014.06.023
- Raz, S., & Dan, O. (2015). Behavioral and Neural Correlates of Facial Versus Nonfacial Stimuli Processing in Adults With ADHD: An ERP Study. *Neuropsychology*. doi:<http://dx.doi.org/10.1037/neu0000176>
- Raz, S., & Dan, O. (2015). Altered event-related potentials in adults with ADHD during emotional faces processing. *Clinical Neurophysiology*, 126(3), 514-523.
- Raz, S., Dan, O., Arad, H., & Zysberg, L. (2013). Behavioral and neural correlates of

emotional intelligence: an event-related potentials (ERP) study. *Brain Res*, 1526, 44-53. doi:10.1016/j.brainres.2013.05.048

Raz, S., Dan, O., & Zysberg, L. (2014). Neural correlates of emotional intelligence in a visual emotional oddball task: An ERP study. *Brain and cognition*, 91(0), 79-86. doi:<http://dx.doi.org/10.1016/j.bandc.2014.09.003>

Reeb-Sutherland, B., Levitt, P., & Fox, N. A. (2012). The Predictive Nature of Individual Differences in Early Associative Learning and Emerging Social Behavior. *PLoS one*, 71(1), e30511. doi:10.1371/journal.pone.0030511

Reed, C. L., Leland, D. S., Brekke, B., & Hartley, A. A. (2013). Attention's grasp: early and late hand proximity effects on visual evoked potentials. *Front Psychol*, 4, 420. doi:10.3389/fpsyg.2013.00420

Reichle, E. D., Tokowicz, N., Liu, Y., & Perfetti, C. A. (2011). Testing an assumption of the E-Z Reader model of eye-movement control during reading: Using event-related potentials to examine the familiarity check. *Psychophysiology*, 48, 993-1003. doi:10.1111/j.1469-8986.2011.01169

Reid, V., Csibra, G., Belsky, J., & Johnson, M. H. (2007). Neural correlates of the perception of goal-directed action in infants. *Acta Psychologica*, 124, 129-138. doi:10.1016/j.actpsy.2006.09.010

Reid, V., Striano, T., Kaufman, J., & Johnson, M. H. (2004). Eye gaze cueing facilitates neural processing of objects in 4-month-old infants. *NeuroReport*, 15(16), 2553-2555.

Reis, P. M., & Lochmann, M. (2015). Using a motion capture system for spatial localization of EEG electrodes. *Frontiers in Neuroscience*, 9, 130. doi:10.3389/fnins.2015.00130

Reiss, J. E., & Hoffman, J. E. (2006). Object substitution masking interferes with semantic processing. *Psychological Science*, 17(12), 1015-1020. doi:10.1111/j.1467-9280.2006.01820.x

Renner, B., Schmälzle, R., & Schupp, H. T. (2012). First Impressions of HIV Risk: It Takes Only Milliseconds to Scan a Stranger. *PLoS one*, 7(1), e30460. doi:10.1371/journal.pone.0030460

Rentzeperis, I., Nikolaev, A., Kiper, D. C., & Leeuwen, C. v. (2012). Relationship between neural response and adaptation selectivity to form and color: an ERP study. *Frontiers in Human Neuroscience*, 6(89), 1-13. doi:10.3389/fnhum.2012.00089

- Reynolds, G., Guy, M. W., & Zhang, D. (2010). Neural Correlates of Individual Differences in Infant Visual Attention and Recognition Memory. *Infancy*, 16(4), 368-391. doi:10.1111/j.1532-7078.2010.00060
- Reynolds, G. D., Bahrick, L. E., Lickliter, R., & Guy, M. W. (2014). Neural correlates of intersensory processing in 5-month-old infants. *Developmental Psychobiology*, 56(3), 355-372. doi:10.1002/dev.21104
- Reynolds, G. D., & Richards, J. E. (2005). Familiarization, attention, and recognition memory in infancy: an event-related potential and cortical source localization study. *Developmental Psychology*, 41(4), 598-615.
- Reynolds, G. D., & Richards, J. E. (2009). Cortical Source Localization of Infant Cognition. *Developmental Neuropsychology*, 34(3), 312-329. doi:10.1080/87565640902801890
- Ribeiro, T. C., Valasek, C. A., Minati, L., & Boggio, P. S. (2013). Altered semantic integration in autism beyond language: a cross-modal event-related potentials study. *NeuroReport*, 24(8), 414-418. doi:10.1097/WNR.0b013e328361315e
- Richards, J., E., Boswell, C., Stevens, M., & Vendemia, J. (2014). Evaluating Methods for Constructing average high-density electrode positions. *Brain Topogr*. doi:DOI 10.1007/s10548-014-0400-8
- Richards, J. E. (2003). Cortical sources of event-related potentials in the prosaccade and antisaccade task. *Psychophysiology*, 40, 878-894. doi:10.1111/1469-8986.00106
- Richards, J. E. (2004). Recovering dipole sources from scalp-recorded event-related-potentials using component analysis: principal component analysis and independent component *International Journal of Psychophysiology*, 54, 201-220. doi:10.1016/j.ijpsycho.2004.03.009
- Richards, J. E. (2005). Localizing cortical sources of event-related potentials in infants' covert orienting. *Developmental Science*, 8(3), 255-278.
- Richards, J. E. (2005). Development of covert orienting in young infants. *Neurobiology of attention*, 82-88.
- Richards, J. E. (2010). Attention in the brain and early infancy. *Neoconstructivism: The new science of cognitive development*, Chpt. 3.
- Richards, J. E. (2013). Cortical sources of ERP in prosaccade and antisaccade eye

movements using realistic source models. *Frontiers in Systems Neuroscience*.

Richards, J. E., Boswell, C., Stevens, M., & Vendemia, J. M. (2015). Evaluating methods for constructing average high-density electrode positions. *Brain Topography*, 28(1), 70-86.

Richards, J. E., & Hunter, S. K. (2002). Testing neural models of the development of infant visual attention. *Developmental Psychobiology*, 40, 226-236.
doi:10.1002/dev.10029

Richards, J. E., Reynolds, G. D., & Courage, M. L. (2010). The neural bases of infant attention. *Current Directions in Psychological Science*, 19(1), 41-46.
doi:10.1177/0963721409360003

Richiedei, J. (2009). Event-Related Potential Indices of Attentional Gradients Across the Visual Field. *University of Massachusetts Amherst*, 1-71.

Riedner, B. A., Vyazovskiy, V. V., Huber, R., Massimini, M., Esser, S., Murias, M., & Tononi, G. (2007). Sleep homeostasis and cortical synchronization: III. A high-density EEG study of sleep slow waves in humans. *Sleep*, 30(12), 1643-1657.

Rigato, S., Begum Ali, J., van Velzen, J., & Bremner, Andrew J. (2014). The Neural Basis of Somatosensory Remapping Develops in Human Infancy. *Current Biology*, 24(11), 1222-1226. doi:<http://dx.doi.org/10.1016/j.cub.2014.04.004>

Rigato, S., Farroni, T., & Johnson, M. H. (2010). The shared signal hypothesis and neural responses to expressions and gaze in infants and adults. *SCAN*, 5, 88-97.
doi:10.1093/scan/nsp037

Righi, G., Tierney, A. L., Tager-Flusberg, H., & Nelson, C. A. (2014). Functional connectivity in the first year of life in infants at risk for autism spectrum disorder: an EEG study. *PLoS one*, 9(8), e105176. doi:10.1371/journal.pone.0105176

Righi, G., Westerlund, A., Congdon, E. L., Troller-Renfree, S., & Nelson, C. A. (2014). Infants' experience-dependent processing of male and female faces: insights from eye tracking and event-related potentials. *Dev Cogn Neurosci*, 8, 144-152.
doi:10.1016/j.dcn.2013.09.005

Rihm, J. S., & Rasch, B. (2015). Replay of conditioned stimuli during late REM and stage N2 sleep influences affective tone rather than emotional memory strength. *Neurobiol Learn Mem*, 122, 142-151. doi:10.1016/j.nlm.2015.04.008

Rihs, T. A., Michel, C. M., & Thut, G. (2007). Mechanisms of selective inhibition in visual spatial attention are indexed by α-band EEG synchronization. *European Journal*

of Neuroscience, 25, 603-610. doi:10.1111/j.1460-9568.2007.05278.x

Rihs, T. A., Michel, C. M., & Thut, G. (2009). A bias for posterior [alpha]-band power suppression versus enhancement during shifting versus maintenance of spatial attention. *NeuroImage*, 44, 190-199. doi:10.1016/j.neuroimage.2008.08.022

Rihs, T. A., Tomescu, M. I., Britz, J., Rochas, V., Custo, A., Schneider, M., . . . Michel, C. M. (2012). Altered auditory processing in frontal and left temporal cortex in 22q11.2 deletion syndrome: A group at high genetic risk for schizophrenia. *Psychiatry Res.* doi:10.1016/j.psychresns.2012.09.002

Ringli, M., Kurth, S., Huber, R., & Jenni, O. G. (2013). The sleep EEG topography in children and adolescents shows sex differences in language areas. *Int J Psychophysiol.* doi:10.1016/j.ijpsycho.2013.04.008

Rivera-Gaxiola, M., Csibra, G., Johnson, M. H., & Karmiloff-Smith, A. (2000). Electrophysiological correlates of cross-linguistic speech perception in native English speakers. *Behavioural Brain Research*, 111, 13-23.

Rivera-Gaxiola, M., Johnson, M. H., Csibra, G., & Karmiloff-Smith, A. (2000). Electrophysiological correlates of category goodness. *Behavioural Brain Research*, 112, 1-11.

Rivest, J. B., Jemel, B., Bertone, A., McKerral, M., & Mottron, L. (2013). Luminance- and texture-defined information processing in school-aged children with autism. *PLoS one*, 8(10), e78978. doi:10.1371/journal.pone.0078978

Robinson, J. D., Engelmann, J. M., Cui, Y., Versace, F., Waters, A. J., Gilbert, D. G., . . . Cinciripini, P. M. (2014). The effects of nicotine dose expectancy and motivationally relevant distracters on vigilance. *Psychol Addict Behav*, 28(3), 752-760. doi:10.1037/a0035122

Robinson, J. D., Versace, F., Lam, C. Y., Minnix, J. A., Engelmann, J. M., Cui, Y., . . . Cinciripini, P. M. (2013). The CHRNA3 rs578776 Variant is Associated with an Intrinsic Reward Sensitivity Deficit in Smokers. *Front Psychiatry*, 4, 114. doi:10.3389/fpsyg.2013.00114

Rochas, V., Rihs, T. A., Rosenberg, N., Landis, T., & Michel, C. M. (2014). Very early processing of emotional words revealed in temporoparietal junctions of both hemispheres by EEG and TMS. *Exp Brain Res*, 232(4), 1267-1281. doi:10.1007/s00221-014-3843-y

Rodriguez, P. D., & Baylis, G. C. (2007). Activation of brain attention systems in individuals with symptoms of ADHD. *Behavioural Neurology*, 18(2), 115-130.

- Rolfe, M., Kirk, I. J., & Waldie, K. E. (2007). Interhemispheric callosal transfer in adults with attention-deficit/hyperactivity disorder: an event-related potential study. *NeuroReport*, 18(3), 255-259. doi:10.1097/WNR.0b013e328011e6f9
- Roll, M., Gosselke, S., Lindgren, M., & Horne, M. (2013). Time-driven effects on processing grammatical agreement. *Front Psychol*, 4, 1004. doi:10.3389/fpsyg.2013.01004
- Roll, M., Soderstrom, P., & Horne, M. (2013). Word-stem tones cue suffixes in the brain. *Brain Res*, 1520, 116-120. doi:10.1016/j.brainres.2013.05.013
- Rosander, K., Nyström, P., Gredebäck, G., & Hofsten, C. v. (2007). Cortical processing of visual motion in young infants. *Vision Research*, 47, 1614-1623. doi:10.1016/j.visres.2007.03.004
- Rosas, R., Ceric, F., Tenorio, M., Mourgués, C., Thibaut, C., Hurtado, E., & Aravena, M. T. (2010). ADHD children outperform normal children in an artificial grammar implicit learning task: ERP and RT evidence. *Consciousness and Cognition*, 19, 341-351. doi:10.1016/j.concog.2009.09.006
- Rossi, A., Parada, F. J., Kolchinsky, A., & Puce, A. (2014). Neural correlates of apparent motion perception of impoverished facial stimuli: a comparison of ERP and ERSP activity. *NeuroImage*, 98, 442-459. doi:10.1016/j.neuroimage.2014.04.029
- Rossi, A., Parada, F. J., Latinus, M., & Puce, A. (2015). Photographic but not line-drawn faces show early perceptual neural sensitivity to eye gaze direction. *Frontiers in Human Neuroscience*, 9, 185. doi:10.3389/fnhum.2015.00185
- Rossion, B., Collins, D., Goffaux, V., & Curran, T. (2007). Long-term expertise with artificial objects increases visual competition with early face categorization processes. *Journal of Cognitive Neuroscience*, 19(3), 543-555.
- Rotem-Kohavi, N., Hilderman, C. G., Liu, A., Makan, N., Wang, J. Z., & Virji-Babul, N. (2014). Network analysis of perception-action coupling in infants. *Front Hum Neurosci*, 8, 209. doi:10.3389/fnhum.2014.00209
- Rousselet, G., Gaspar, C. M., Pernet, C. R., Husk, J. S., Bennett, P. J., & Sekuler, A. B. (2010). Healthy aging delays scalp EEG sensitivity to noise in a face discrimination task. *Frontiers in Physiology*, 1(19), 1-14. doi:10.3389/fpsyg.2010.00019
- Rousselet, G., Husk, J. S., Bennett, P. J., & Sekuler, A. B. (2005). Spatial scaling factors

explain eccentricity effects on face ERPs. *Journal of Vision*, 5, 755-763.
doi:10.1167/5.10.1

Rousselet, G., Husk, J. S., Bennett, P. J., & Sekuler, A. B. (2007). Single-trial EEG dynamics of object and face visual processing. *NeuroImage*, 36(3), 843-862.

Rousselet, G., Husk, J. S., Bennett, P. J., & Sekuler, A. B. (2008). Time course and robustness of ERP object and face differences. *Journal of Vision*, 8(12)(3), 1-18.
doi:10.1167/8.12.3

Rousselet, G., Husk, J. S., Pernet, C. R., Gaspar, C. M., Bennett, P. J., & Sekuler, A. B. (2009). Age-related delay in information accrual for faces: Evidence from a parametric, single-trial EEG approach. *BMC Neuroscience*, 10(114), 1-20.
doi:10.1186/1471-2202-10-114

Rousselet, G., Pernet, C., Bennett, P. J., & Sekuler, A. B. (2008). Parametric study of EEG sensitivity to phase noise during face processing. *BMC Neuroscience*, 9(98), 1-22. doi:10.1186/1471-2202-9-98

Rubinsten, O., Dana, S., Lavro, D., & Berger, A. (2013). Processing ordinality and quantity: ERP evidence of separate mechanisms. *Brain Cogn*, 82(2), 201-212.
doi:10.1016/j.bandc.2013.04.008

Rueda, M., Checa, P., & Combita, L. M. (2011). Enhanced efficiency of the executive attention network after training in preschool children: Immediate and after two months effects. *Developmental Cognitive Neuroscience*, IN PRESS.
doi:10.1016/j.dcn.2011.09.004

Rueda, M. R., Posner, M. I., Rothbart, M. K., & Davis-Stober, C. P. (2004). Development of the time course for processing conflict: An event-related potentials study with 4 year olds and adults. *BMC Neuroscience*, 5(39), 1-13. doi:10.1186/1471-2202-5-39

Rueda, M. R., Rothbart, M. K., Mccandliss, B. D., Saccomanno, L., & Posner, M. I. (2005). Training, maturation, and genetic influences on the development of executive attention. *Proceedings of the National Academy of Sciences of the United States of America*, 102(41), 14931-14936.

Russell, G. S., Eriksen, K. J., Poolman, P., Luu, P., & Tucker, D. M. (2005). Geodesic photogrammetry for localizing sensor positions in dense-array EEG. *Clinical Neurophysiology*, 116, 1130-1140. doi:10.1016/j.clinph.2004.12.022

Russell, G. S., Srinivasan, R., & Tucker, D. M. (1998). Bayesian estimates of error bounds for EEG source imaging. *Medical Imaging*, 17(6), 1084-1089.

Russo, M. B., Profant, J., Nillo, R. M., Endicott, N., & Itil, T. (2014). *Frequency of occurrence and description of abnormalities in mild or moderate traumatic brain injury or concussion, as identified by dense array electroencephalography (dEEG)*. Paper presented at the 18th Biennial Conference of the International Pharmaco-EEG Society.

Ruz, M., Aranda, C., Sarmiento, B. R., & Sanabria, D. (2015). Attention to individual identities modulates face processing. *Experimental Brain Research*, 233(5), 1491-1502.

Ruz, M., Madrid, E., Lupiáñez, J., & Tudela, P. (2003). High density ERP indices of conscious and unconscious semantic priming. *Cognitive Brain Research*, 17, 719-731. doi:10.1016 / S0926-6410(03)00197-6

Ruz, M., Madrid, E., & Tudela, P. (2013). Interactions between perceived emotions and executive attention in an interpersonal game. *Soc Cogn Affect Neurosci*, 8(7), 838-844. doi:10.1093/scan/nss080

Ruz, M., Worden, M. S., Tudela, P., & McCandliss, B. D. (2005). Inattentional amnesia to words in a high attentional load task. *Journal of Cognitive Neuroscience*, 17(5), 768-776.

Ryals, A., Yadon, C. A., Nomi, J. S., & Cleary, A. M. (2011). When word identification fails: ERP correlates of recognition without identification and of word identification failure. *Neuropsychologia*, 49, 3224-3237.
doi:10.1016/j.neuropsychologia.2011.07.027

Saatchi, R. (2004). Single-trial lambda wave identification using a fuzzy inference system and predictive statistical diagnosis. *Journal of Neural Engineering*, 1, 21-31. doi:10.1088/1741-2560/1/1/004

Sabatinelli, D., Keil, A., Frank, D., & Lang, P. (2012). Emotional perception: Correspondence of early and late event-related potentials with cortical and subcortical functional MRI. *Biological Psychology*, IN PRESS.
doi:10.1016/j.biopsych.2012.04.005

Sabatinelli, D., Keil, A., Frank, D. W., & Lang, P. J. (2013). Emotional perception: correspondence of early and late event-related potentials with cortical and subcortical functional MRI. *Biol Psychol*, 92(3), 513-519.
doi:10.1016/j.biopsych.2012.04.005

Sabatinelli, D., Lang, P. J., Keil, A., & Bradley, M. M. (2007). Emotional perception: correlation of functional MRI and event-related potentials. *Cerebral Cortex*, 17(5),

1085-1091. doi:10.1093/cercor/bhl017

Sabbagh, M. A., Bowman, L. C., Evraire, L. E., & Ito, J. M. B. (2009). Neurodevelopmental correlates of theory of mind in preschool children. *Child Development, 80*(4), 1147-1162.

Sabbagh, M. A., Moulson, M. C., & Harkness, K. L. (2004). Neural correlates of mental state decoding in human adults: An event-related potential study. *Journal of Cognitive Neuroscience, 16*(3), 415-426.

Sabbagh, M. A., & Taylor, M. (2000). Neural correlates of theory-of-mind reasoning: an event-related potential study. *Psychological Science, 11*(1), 46-50.
doi:10.1111/1467-9280.00213

Sallet, J., Camille, N., & Procyk, E. (2013). Modulation of feedback-related negativity during trial-and-error exploration and encoding of behavioral shifts. *Front Neurosci, 7*, 209. doi:10.3389/fnins.2013.00209

Salman, A., Malony, A., Turovets, S., Volkov, V., Ozog, D., & Tucker, D. (2015). Concurrency in electrical neuroinformatics: parallel computation for studying the volume conduction of brain electrical fields in human head tissues. *Concurrency and Computation: Practice and Experience, n/a-n/a*. doi:10.1002/cpe.3510

Salman, A., Turovets, S., Malony, A. D., Poolman, P., Davey, C., Eriksen, K. J., & Tucker, D. M. (2006). Noninvasive Conductivity Extraction for High-Resolution EEG Source Localisation. *ACNR, 6*(1), 27-28.

Salti, M., & Bar-Haim, Y. (2012). The P3 component of the ERP reflects conscious perception, not confidence. *Consciousness and Cognition, IN PRESS*.
doi:10.1016/j.concog.2012.01.012

San Martín, R., Manes, F. F., Hurtado, E., Isla, P., & Ibáñez, A. (2010). Size and probability of rewards modulate the feedback error-related negativity associated with wins but not losses in a monetarily rewarded gambling task. *NeuroImage, 51*, 1194-1204. doi:10.1016/j.neuroimage.2010.03.031

Sanabria, D., & Correa, A. (2013). Electrophysiological evidence of temporal preparation driven by rhythms in audition. *Biol Psychol, 92*(2), 98-105.
doi:10.1016/j.biopsych.2012.11.012

Sanabria, D., Madrid, E., Aranda, C., & Ruz, M. (2015). Attentional orienting to own and others' hands. *Experimental Brain Research, 233*(8), 2347-2355.
doi:10.1007/s00221-015-4303-z

Santesso, D. L., Bogdan, R., Birk, J. L., Goetz, E. L., Holmes, A. J., & Pizzagalli, D. A. (2011). Neural responses to negative feedback are related to negative emotionality in healthy adults. *Social Cognitive and Affective Neuroscience*, 1-10. doi:10.1093/scan/nsr054

Santesso, D. L., Dillon, D., Birk, J. L., Holmes, A. J., Goetz, E. L., Bogdan, R., & Pizzagalli, D. A. (2008). Individual differences in reinforcement learning: behavioral, electrophysiological, and neuroimaging correlates. *NeuroImage*, 42, 807-816. doi:10.1016/j.neuroimage.2008.05.032

Santesso, D. L., Drmic, I. E., Jetha, M. K., Bryson, S. E., Goldberg, J. O., Hall, G. B., . . . Schmidt, L. A. (2011). An event-related source localization study of response monitoring and social impairments in autism spectrum disorder. *Psychophysiology*, 48(2), 241-251. doi:10.1111/j.1469-8986.2010.01056.x

Santesso, D. L., Dzyundzyak, A., & Segalowitz, S. J. (2011). Age, sex and individual differences in punishment sensitivity: Factors influencing the feedback-related negativity. *Psychophysiology*, 48(11), 1481-1488. doi:10.1111/j.1469-8986.2011.01229

Santesso, D. L., Evins, A., Frank, M. J., Schetter, E. C., Bogdan, R., & Pizzagalli, D. A. (2009). Single dose of a dopamine agonist impairs reinforcement learning in humans: Evidence from event-related potentials and computational modeling of striatal-cortical function. *Human Brain Mapping*, 30, 1963-1976. doi:10.1002/hbm.20642

Santesso, D. L., Meuret, A., Hofmann, S., Mueller, E. M., Ratner, K. G., Roesch, E. B., & Pizzagalli, D. A. (2008). Electrophysiological correlates of spatial orienting towards angry faces: A source localization study. *Neuropsychologia*, 46, 1338-1348. doi:10.1016/j.neuropsychologia.2007.12.013

Santesso, D. L., & Segalowitz, S. J. (2009). The error-related negativity is related to risk taking and empathy in young men. *Psychophysiology*, 46, 143-152. doi:10.1111/j.1469-8986.2008.00714.x

Santesso, D. L., Steele, K. T., Bogdan, R., Holmes, A. J., Deveney, C. M., Meites, T. M., & Pizzagalli, D. A. (2008). Enhanced negative feedback responses in remitted depression. *NeuroReport*, 19(10), 1045-1048.

Sarasso, S., Maatta, S., Ferrarelli, F., Poryazova, R., Tononi, G., & Small, S. L. (2013). Plastic Changes Following Imitation-Based Speech and Language Therapy for Aphasia: A High-Density Sleep EEG Study. *Neurorehabil Neural Repair*. doi:10.1177/1545968313498651

- Sayeur, M. S., Vannasing, P., Lefrançois, M., Tremblay, E., Lepore, F., Lassonde, M., . . . Gallagher, A. (2015). Early childhood development of visual texture segregation in full-term and preterm children. *Vision Research*, 112, 1-10.
- Sayeur, M. S., Vannasing, P., Tremblay, E., Lepore, F., McKerral, M., Lassonde, M., & Gallagher, A. (2014). Visual Development and Neuropsychological Profile in Preterm Children from 6 Months to School Age. *Journal of Child Neurology*. doi:10.1177/0883073814555188
- Sbriscia-Fioretti, B., Berchio, C., Freedberg, D., Gallese, V., & Umiltà, M. A. (2013). ERP modulation during observation of abstract paintings by Franz Kline. *PloS one*, 8(10), e75241. doi:10.1371/journal.pone.0075241
- Scerif, G., Worden, M. S., Davidson, M., Seiger, L., & Casey, B. J. (2006). Context modulates early stimulus processing when resolving stimulus-response conflict. *Journal of Cognitive Neuroscience*, 18(5), 781-792.
- Schartner, M., Seth, A., Noirhomme, Q., Boly, M., Bruno, M. A., Laureys, S., & Barrett, A. (2015). Complexity of Multi-Dimensional Spontaneous EEG Decreases during Propofol Induced General Anaesthesia. *PloS one*, 10(8), e0133532. doi:10.1371/journal.pone.0133532
- Scheerer, N., D'Alton, S., Liu, H., & Jones, J. (2012). The Effects of Frequency-Altered Feedback on the Vocal Productions of Canadian-English Speaking Children. *The Listening Talker*, IN PRESS.
- Scheerer, N., Liu, H., & Jones, J. (2013). The developmental trajectory of vocal and ERP responses to frequency altered auditory feedback. *European Journal of Neuroscience*, in press.
- Scheerer, N. E., Behich, J., Liu, H., & Jones, J. A. (2013). ERP correlates of the magnitude of pitch errors detected in the human voice. *Neuroscience*, 240, 176-185. doi:10.1016/j.neuroscience.2013.02.054
- Scheerer, N. E., & Jones, J. A. (2014). The predictability of frequency-altered auditory feedback changes the weighting of feedback and feedforward input for speech motor control. *European Journal of Neuroscience*, 40(12), 3793-3806. doi:10.1111/ejn.12734
- Scheerer, N. E., Liu, H., & Jones, J. A. (2013). The developmental trajectory of vocal and ERP responses to frequency altered auditory feedback. *European Journal of Neuroscience*, 38(8), 3189-3200. doi:10.1111/ejn.12301
- Schermerhorn, A. C., Bates, J. E., Puce, A., & Molfese, D. L. (2015). Neurophysiological

Correlates of Children's Processing of Interparental Conflict Cues. *J Fam Psychol.* doi:10.1037/fam0000088

Schlede, N., Zimmermann, R., Ehrensperger, M. M., Gschwandtner, U., Hardmeier, M., Hatz, F., . . . Fuhr, P. (2011). Clinical EEG in cognitively impaired patients with Parkinson's Disease. *Journal of the Neurological Sciences*, 310, 75-78. doi:10.1016/j.jns.2011.05.034

Schmalzle, R., Renner, B., & Schupp, H. T. (2011). Neural correlates of perceived risk: the case of HIV. *SCAN*, 1-10. doi:10.1093/scan/nsr039

Schmalzle, R., Schupp, H. T., Barth, A., & Renner, B. (2011). Implicit and Explicit Processes in Risk Perception: Neural Antecedents of Perceived HIV Risk. *Frontiers in Human Neuroscience*, 5(43), 1-10. doi:10.3389/fnhum.2011.00043

Schnell, T., Macuda, T., Poolman, P., Craig, G., Erdos, R., Carignan, S., . . . Gubbels, A. W. (2006). Toward the "Cognitive Cockpit": Flight Test Platforms and Methods for Monitoring Pilot Mental State. *Augmented Cognition International*, 1-34.

Schnider, A., Mohr, C., Morand, S., & Michel, C. M. (2007). Early cortical response to behaviorally relevant absence of anticipated outcomes: A human event-related potential study. *NeuroImage*, 35, 1348-1355. doi:10.1016/j.neuroimage.2007.01.047

Schnider, A., Valenza, N., Morand, S., & Michel, C. M. (2002). Early cortical distinction between memories that pertain to ongoing reality and memories that don't. *Cerebral Cortex*, 12(1), 54.

Scholl, C. A., Jiang, X., Martin, J. G., & Riesenhuber, M. (2013). Time Course of Shape and Category Selectivity Revealed by EEG Rapid Adaptation. *J Cogn Neurosci*. doi:10.1162/jocn_a_00477

Schreiner, T., Göldi, M., & Rasch, B. (2015). Cueing vocabulary during sleep increases theta activity during later recognition testing. *Psychophysiology*. doi:10.1111/psyp.12505

Schreiner, T., & Rasch, B. (2014). Boosting Vocabulary Learning by Verbal Cueing During Sleep. *Cereb Cortex*. doi:10.1093/cercor/bhu139

Schupp, H. T., Junghofer, M., Weike, A. I., & Hamm, A. O. (2003). Emotional facilitation of sensory processing in the visual cortex. *Psychological Science*, 14, 7-13.

Schupp, H. T., Junghofer, M., Weike, A. I., & Hamm, A. O. (2004). The selective processing of briefly presented affective pictures: An ERP analysis.

Psychophysiology, 41, 441-449. doi:10.1111/j.1469-8986.2004.00174.x

Schupp, H. T., Ohman, A., Junghofer, M., Weike, A. I., Stockburger, J., & Hamm, A. O. (2004). The facilitated processing of threatening faces: An ERP analysis. *Emotion*, 4(2), 189-200. doi:10.1037/1528-3542.4.2.189

Schupp, H. T., & Renner, B. (2011). The Implicit Nature of the Anti-Fat Bias. *Frontiers in Human Neuroscience*, 5(23), 1-11. doi:10.3389/fnhum.2011.00023

Schupp, H. T., Schmalzle, R., & Flaisch, T. (2013). Explicit semantic stimulus categorization interferes with implicit emotion processing. *Soc Cogn Affect Neurosci*. doi:10.1093/scan/nst171

Schupp, H. T., Schmalzle, R., & Flaisch, T. (2014). Explicit semantic stimulus categorization interferes with implicit emotion processing. *Social Cognitive and Affective Neuroscience*, 9(11), 1738-1745. doi:10.1093/scan/nst171

Schupp, H. T., Schmalzle, R., Flaisch, T., Weike, A. I., & Hamm, A. O. (2012). Affective picture processing as a function of preceding picture valence: An ERP analysis. *Biological Psychology*, 91(1), 81-87. doi:10.1016/j.biopsych.2012.04.006

Schupp, H. T., Stockburger, J., Bublitzky, F., Junghofer, M., Weike, A. I., & Hamm, A. O. (2007). Explicit attention interferes with selective emotion processing in human extrastriate cortex. *BMC Neuroscience*, 8(16), 1-12. doi:10.1186/1471-2202-8-16

Schupp, H. T., Stockburger, J., Bublitzky, F., Junghofer, M., Weike, A. I., & Hamm, A. O. (2008). The selective processing of emotional visual stimuli while detecting auditory targets: An ERP analysis. *Brain Research*, 1230, 168-176. doi:10.1016/j.brainres.2008.07.024

Schupp, H. T., Stockburger, J., Codispoti, M., Junghofer, M., Weike, A. I., & Hamm, A. O. (2006). Stimulus novelty and emotion perception: the near absence of habituation in the visual cortex. *NeuroReport*, 17(4), 365-369. doi:10.1097/01.wnr.0000203355.88061.c6

Schupp, H. T., Stockburger, J., Codispoti, M., Junghofer, M., Weike, A. I., & Hamm, A. O. (2007). Selective visual attention to emotion. *Journal of Neuroscience*, 27(5), 1082-1089. doi:10.1523/JNEUROSCI.3223-06.2007

Schupp, H. T., Stockburger, J., Schmalzle, R., Bublitzky, F., Weike, A. I., & Hamm, A. O. (2008). Visual noise effects on emotion perception: brain potentials and stimulus identification. *NeuroReport*, 19(2), 167-171. doi:10.1097/WNR.0b013e3282f4aa42

- Schwartzman, D., Maravic, K., Kranczioch, C., & Barnes, J. (2008). Altered early visual processing components in hallucination-prone individuals. *NeuroReport*, 19(9), 933-937. doi:10.1097/WNR.0b013e328301a640
- Scott, L. S. (2011). Mechanisms Underlying the Emergence of Object Representations during Infancy. *Journal of Cognitive Neuroscience*, 23(10), 2935-2944.
- Scott, L. S., & Monesson, A. (2010). Experience-dependent neural specialization during infancy. *Neuropsychologia*, 48, 1857-1861. doi:10.1016/j.neuropsychologia.2010.02.008
- Scott, L. S., & Nelson III, C. A. (2006). Featural and configural face processing in adults and infants: A behavioral and electrophysiological investigation. *Perception*, 35, 1107-1128. doi:10.1068/p5493
- Scott, L. S., Tanaka, J. W., Sheinberg, D. L., & Curran, T. (2006). A reevaluation of the electrophysiological correlates of expert object processing. *Journal of Cognitive Neuroscience*, 18(9), 1453-1465.
- Sederberg, P., Gauthier, L., Terushkin, V., Miller, J. F., Barnathan, J. A., & Kahana, M. J. (2006). Oscillatory correlates of the primacy effect in episodic memory. *NeuroImage*, 32, 1422-1431. doi:10.1016/j.neuroimage.2006.04.223
- Seery, A., Tager-Flusberg, H., & Nelson, C. A. (2014). Event-related potentials to repeated speech in 9-month-old infants at risk for autism spectrum disorder. *J Neurodev Disord*, 6(1), 43. doi:10.1186/1866-1955-6-43
- Seery, A. M., Vogel-Farley, V., Tager-Flusberg, H., & Nelson, C. A. (2013). Atypical lateralization of ERP response to native and non-native speech in infants at risk for autism spectrum disorder. *Dev Cogn Neurosci*, 5, 10-24. doi:10.1016/j.dcn.2012.11.007
- Segalowitz, S., Santesso, D. L., Willoughby, T., Reker, D. L., Campbell, K., Chalmers, H., & Rose-Krasnor, L. (2012). Adolescent peer interaction and trait surgency weaken medial prefrontal cortex responses to failure. *SCAN*, 7, 115-124. doi:10.1093/scan/nsq090
- Segalowitz, S. J., & Zheng, X. (2009). An ERP study of category priming: evidence of early lexical semantic access. *Biological Psychology*, 80, 122-129. doi:10.1016/j.biopsych.2008.04.009
- Sereno, S., Brewer, C. C., & O'Donnell, P. J. (2003). Context effects in word recognition. *Psychological Science*, 14(4), 328-333. doi:10.1111/1467-9280.14471

- Sereno, S., Rayner, K., & Posner, M. I. (1998). Establishing a time-line of word recognition: Evidence from eye movements and event-related potentials. *NeuroReport*, 9(10), 2195-2200.
- Sergent, C., Baillet, S., & Dehaene, S. (2005). Timing of the brain events underlying access to consciousness during the attentional blink. *Nature neuroscience*, 8(10), 1391-1400. doi:10.1038/nn1549
- Serrien, D. J. (2008). Coordination constraints during bimanual versus unimanual performance conditions. *Neuropsychologia*, 46, 419-425. doi:10.1016/j.neuropsychologia.2007.08.011
- Serrien, D. J. (2008). The neural dynamics of timed motor tasks: evidence from a synchronization-continuation paradigm. *European Journal of Neuroscience*, 27, 1553-1560. doi:10.1111/j.1460-9568.2008.06110.x
- Serrien, D. J. (2009). Verbal-manual interactions during dual task performance: An EEG study. *Neuropsychologia*, 47, 139-144. doi:10.1016/j.neuropsychologia.2008.08.004
- Serrien, D. J. (2009). Bimanual information processing and the impact of conflict during mirror drawing. *Behavioural Brain Research*, 205, 391-395. doi:10.1016/j.bbr.2009.07.015
- Serrien, D. J. (2009). Functional connectivity patterns during motor behaviour: The impact of past on present activity. *Human Brain Mapping*, 30, 523-531. doi:10.1002/hbm.20518
- Serrien, D. J. (2009). Timing and history-dependent processing during sensorimotor synchronization. *Brain Research*, 1266, 64-71. doi:10.1016/j.brainres.2009.02.015
- Serrien, D. J., & Sovijärvi-Spape, M. M. (2013). Cognitive control of response inhibition and switching: hemispheric lateralization and hand preference. *Brain Cogn*, 82(3), 283-290. doi:10.1016/j.bandc.2013.04.013
- Serrien, D. J., & Sovijärvi-Spapé, M. M. (2015). Hemispheric asymmetries and the control of motor sequences. *Experimental Brain Research*, 283, 30-36.
- Serrien, D. J., Sovijärvi-Spape, M. M., & Farnsworth, B. (2012). Bimanual control processes and the role of handedness. *Neuropsychology*, 26(6), 802-807. doi:10.1037/a0030154

Serrien, D. J., & Spape, M. M. (2009). Effects of task complexity and sensory conflict on goal-directed movement. *Neuroscience letters*, 464, 10-13.
doi:10.1016/j.neulet.2009.08.022

Serrien, D. J., & Spape, M. M. (2009). The role of hand dominance and sensorimotor congruence in voluntary movement. *Experimental Brain Research*, 199, 195-200.
doi:10.1007/s00221-009-1998-8

Shackman, A. J., Maxwell, J. S., McMenamin, B. W., Greischar, L. L., & Davidson, R. J. (2011). Stress Potentiates Early and Attenuates Late Stages of Visual Processing. *Journal of Neuroscience*, 31(3), 1156-1161.
doi:10.1523/JNEUROSCI.3384-10.2011

Shackman, A. J., McMenamin, B. W., Maxwell, J. S., Greischar, L. L., & Davidson, R. J. (2009). Right dorsolateral prefrontal cortical activity and behavioral inhibition. *Psychological Science*, 20(12), 1500-1506. doi:10.1111/j.1467-9280.2009.02476.x

Shackman, A. J., McMenamin, B. W., Maxwell, J. S., Greischar, L. L., & Davidson, R. J. (2010). Identifying robust and sensitive frequency bands for interrogating neural oscillations. *NeuroImage*, 51, 1319-1333. doi:10.1016/j.neuroimage.2010.03.037

Shafer, V. L., Yu, Y. H., & Datta, H. (2011). The development of English vowel perception in monolingual and bilingual infants: Neurophysiological correlates. *Journal of Phonetics*, 39, 527-545. doi:10.1016/j.wocn.2010.11.010

Shafer, V. L., Yu, Y. H., & Garrido-Nag, K. (2012). Neural mismatch indices of vowel discrimination in monolingually and bilingually exposed infants: does attention matter? *Neurosci Lett*, 526(1), 10-14. doi:10.1016/j.neulet.2012.07.064

Shen, E. Y., Staub, A., & Sanders, L. D. (2013). Event-related brain potential evidence that local nouns affect subject–verb agreement processing. *Language and Cognitive Processes*, 28(4), 498-524. doi:10.1080/01690965.2011.650900

Sheppard, E., Birca, A., Carmant, L., Lortie, A., Vannassing, P., Lassonde, M., & Lippe, S. (2013). Children with a history of atypical febrile seizures show abnormal steady state visual evoked potential brain responses. *Epilepsy Behav*, 27(1), 90-94. doi:10.1016/j.yebeh.2012.12.023

Shi, Z., Gao, X., & Zhou, R. (2015). Frontal theta activity during working memory in test anxiety. *NeuroReport*, 26(4), 228-232.

Shi, Z., Zhou, A., Liu, P., Zhang, P., & Han, W. (2011). An EEG study on the effect of self-relevant possessive pronoun: Self-referential content and first-person

perspective. *Neuroscience letters*, 494(1), 174-179.
doi:10.1016/j.neulet.2011.03.007

Shou, G., & Ding, L. (2015). Detection of EEG Spatial–Spectral–Temporal Signatures of Errors: A Comparative Study of ICA-Based and Channel-Based Methods. *Brain Topography*, 28(1), 47-61. doi:10.1007/s10548-014-0397-z

Shou, G., & Ding, L. (2015). Detection of EEG spatial-spectral-temporal signatures of errors: a comparative study of ICA-based and channel-based methods. *Brain Topogr*, 28(1), 47-61. doi:10.1007/s10548-014-0397-z

Shou, G., Ding, L., & Dasari, D. (2012). Probing neural activations from continuous EEG in a real-world task: time-frequency independent component analysis. *J Neurosci Methods*, 209(1), 22-34. doi:10.1016/j.jneumeth.2012.05.022

Shuai, L., & Gong, T. (2014). Temporal relation between top-down and bottom-up processing in lexical tone perception. *Front Behav Neurosci*, 8, 97.
doi:10.3389/fnbeh.2014.00097

Siclari, F., LaRocque, J. J., Bernardi, G., Postle, B. R., & Tononi, G. (2014). *The neural correlates of consciousness in sleep: a no-task, within-state paradigm*.

Siclari, F., Larocque, J. J., Postle, B. R., & Tononi, G. (2013). Assessing sleep consciousness within subjects using a serial awakening paradigm. *Front Psychol*, 4, 542. doi:10.3389/fpsyg.2013.00542

Silas, J., Levy, J., Nielsen, M., Slade, L., & Holmes, A. (2010). Sex and individual differences in induced and evoked EEG measures of action observation. *Neuropsychologia*, 48, 2417-2426. doi:10.1016/j.neuropsychologia.2010.03.004

Silas, J., Levy, J. P., & Holmes, A. (2012). Sensitivity of 'mu' rhythm modulation to the relevance of an observed movement but not to goal congruency. *Int J Psychophysiol*, 85(2), 168-173. doi:10.1016/j.ijpsycho.2012.05.008

Silchenko, A. N., Adamchic, I., Hauptmann, C., & Tass, P. A. (2013). Impact of acoustic coordinated reset neuromodulation on effective connectivity in a neural network of phantom sound. *NeuroImage*, 77, 133-147.
doi:10.1016/j.neuroimage.2013.03.013

Silva, J., Pizzagalli, D. A., Larson, C., Jackson, D., & Davidson, R. J. (2002). Frontal brain asymmetry in restrained eaters. *Journal of Abnormal Psychology*, 111(4), 676-681. doi:10.1037//0021-843X.111.4.676

Simola, J., Holmqvist, K., & Lindgren, M. (2009). Right visual field advantage in

parafoveal processing: Evidence from eye-fixation-related potentials. *Brain and Language*, 111, 101-113. doi:10.1016/j.bandl.2009.08.004

Singhal, A., Shafer, A. T., Russell, M., Gibson, B., Wang, L., Vohra, S., & Dolcos, F. (2012). Electrophysiological correlates of fearful and sad distraction on target processing in adolescents with attention deficit-hyperactivity symptoms and affective disorders. *Front Integr Neurosci*, 6, 119. doi:10.3389/fnint.2012.00119

Sirri, L. (2015). *Lexical-semantic system organization in the monolingual and bilingual developing brain*. (PhD Thesis), Universite Rene Descartes.

Skoranski, A. (2009). How Does the Brain Track Multiple Objects? *University of Delaware*, 1-31.

Slobounov, S. M., Teel, E., & Newell, K. M. (2013). Modulation of cortical activity in response to visually induced postural perturbation: combined VR and EEG study. *Neurosci Lett*, 547, 6-9. doi:10.1016/j.neulet.2013.05.001

Slugocki, C., & Trainor, L. J. (2014). Cortical indices of sound localization mature monotonically in early infancy. *European Journal of Neuroscience*, 40(11), 3608-3619. doi:10.1111/ejn.12741

Smith, N. A., & Joshi, S. (2014). Neural correlates of auditory stream segregation: An analysis of onset- and change-related responses. *The Journal of the Acoustical Society of America*, 136(4), EL295-EL301. doi:doi:<http://dx.doi.org/10.1121/1.4896414>

Snyder, K. (2010). Neural Correlates of Encoding Predict Infants' Memory in the Paired-Comparison Procedure. *Infancy*, 15(3), 270-299. doi:10.1111/j.1532-7078.2009.00015.x

Sohrabpour, A., Lu, Y., Kankirawatana, P., Blount, J., Kim, H., & He, B. (2014). Effect of EEG electrode number on epileptic source localization in pediatric patients. *Clin Neurophysiol*. doi:10.1016/j.clinph.2014.05.038

Sohrabpour, A., Lu, Y., Kankirawatana, P., Blount, J., Kim, H., & He, B. (2015). Effect of EEG electrode number on epileptic source localization in pediatric patients. *Clin Neurophysiol*, 126(3), 472-480. doi:10.1016/j.clinph.2014.05.038

Sokhadze, E., Baruth, J. M., El-Baz, A., Horrell, T., Sokhadze, G., Carroll, T., . . . Casanova, M. F. (2010). Impaired Error Monitoring and Correction Function in Autism. *Journal of Neurotherapy*, 14(2), 79-95. doi:10.1080/10874201003771561

Sokhadze, E., Baruth, J. M., Tasman, A., Mansoor, M., Ramaswamy, R., Sears, L., . . .

Casanova, M. F. (2010). Low-Frequency Repetitive Transcranial Magnetic Stimulation (rTMS) Affects Event-Related Potential Measures of Novelty Processing in Autism. *Applied Psychophysiological Biofeedback*, 35(2), 147-161. doi:10.1007/s10484-009-9121-2

Sokhadze, E., Baruth, J. M., Tasman, A., Sears, L., Mathai, G., El-Baz, A., & Casanova, M. F. (2009). Event-related potential study of novelty processing abnormalities in autism. *Applied Psychophysiological Biofeedback*, 34, 37-51. doi:10.1007/s10484-009-9074-5

Sokhadze, E., El-Baz, A., Baruth, J. M., Mathai, G., Sears, L., & Casanova, M. F. (2009). Effects of low frequency repetitive transcranial magnetic stimulation (rTMS) on gamma frequency oscillations and event-related potentials during processing of illusory *Journal of autism and developmental disorders*, 39, 619-634. doi:10.1007/s10803-008-0662-7

Sokhadze, E., Tasman, A., Tamas, R., & El-Mallakh, R. S. (2011). Event-related Potential Study of the Effects of Emotional Facial Expressions on Task Performance in Euthymic Bipolar Patients. *Applied Psychophysiological Biofeedback*, 36, 1-13. doi:10.1007/s10484-010-9140-z

Sokhadze, E. M., Baruth, J. M., Sears, L., Sokhadze, G. E., El-Baz, A. S., & Casanova, M. F. (2012). Prefrontal neuromodulation using rTMS improves error monitoring and correction function in autism. *Appl Psychophysiol Biofeedback*, 37(2), 91-102. doi:10.1007/s10484-012-9182-5

Sokhadze, E. M., Tasman, A., Sokhadze, G. E., El-Baz, A. S., & Casanova, M. F. (2015). Behavioral, Cognitive, and Motor Preparation Deficits in a Visual Cued Spatial Attention Task in Autism Spectrum Disorder. *Appl Psychophysiol Biofeedback*, 1-12.

Solbakk, A. K., Funderud, I., Lovstad, M., Endestad, T., Meling, T., Lindgren, M., . . . Kramer, U. M. (2014). Impact of Orbitofrontal Lesions on Electrophysiological Signals in a Stop Signal Task. *J Cogn Neurosci*. doi:10.1162/jocn_a_00561

Soltesz, F., Goswami, U., White, S., & Szucs, D. (2010). Executive function effects and numerical development in children: Behavioural and ERP evidence from a numerical Stroop paradigm. *Learning and Individual Differences*, 21, 662-671. doi:10.1016/j.lindif.2010.10.004

Soltesz, F., Szucs, D., Leong, V., White, S., & Goswami, U. (2013). Differential entrainment of neuroelectric delta oscillations in developmental dyslexia. *PloS one*, 8(10), e76608. doi:10.1371/journal.pone.0076608

Soltész, F., White, S., & Szűcs, D. (2011). Event-Related Brain Potentials Dissociate the Developmental Time-Course of Automatic Numerical Magnitude Analysis and Cognitive Control Functions During the First Three Years of Primary School. *Developmental Neuropsychology*, 36(6), 682-701.
doi:10.1080/87565641.2010.549982

Song, B.-Y., Kim, B.-N., & Kim, M.-S. (2011). Explicit and implicit memory in female college students with schizotypal traits: An event-related potential study. *Biological Psychology*, 87, 49-57. doi:10.1016/j.biopsych.2011.02.001

Song, I., & Keil, A. (2013). Affective Engagement and Subsequent Visual Processing: Effects of Contrast and Spatial Frequency. *Emotion*. doi:10.1037/a0031553

Song, I., & Keil, A. (2014). Differential classical conditioning selectively heightens response gain of neural population activity in human visual cortex. *Psychophysiology*. doi:10.1111/psyp.12260

Song, J., Davey, C., Poulsen, C., Luu, P., Turovets, S., Anderson, E., . . . Tucker, D. (in press). EEG Source Localization: Sensor Density and Head Surface Coverage. *Journal of neuroscience Methods*.

Song, J., Tucker, D. M., Gilbert, T., Hou, J., Mattson, C., Luu, P., & Holmes, M. D. (2013). Methods for examining electrophysiological coherence in epileptic networks. *Front Neurol*, 4, 55. doi:10.3389/fneur.2013.00055

Songyun, X., You, W., Yunpeng, Z., Juanli, Z., & Chang, L. (2014, 6-11 July 2014). *Single channel single trial P300 detection using extreme learning machine: Compared with BPNN and SVM*. Paper presented at the Neural Networks (IJCNN), 2014 International Joint Conference on.

South, M., Larson, M. J., Krauskopf, E., & Clawson, A. (2010). Error Processing in High-Functioning Autism Spectrum Disorders. *Biological Psychology*, 85, 242-251. doi:10.1016/j.biopsych.2010.07.009

Southgate, V., & Begus, K. (2013). Motor activation during the prediction of nonexecutable actions in infants. *Psychol Sci*, 24(6), 828-835. doi:10.1177/0956797612459766

Southgate, V., Johnson, M. H., Karoui, I. E., & Csibra, G. (2010). Motor system activation reveals infants' on-line prediction of others' goals. *Psychological Science*, 21(3), 355-359. doi: 10.1177/0956797610362058

Southgate, V., Johnson, M. H., Osborne, T., & Csibra, G. (2009). Predictive motor activation during action observation in human infants. *Biology Letters*, 5, 769-

772. doi:10.1098/rsbl.2009.0474

Southgate, V., & Vernetti, A. (2014). Belief-based action prediction in preverbal infants. *Cognition*, 130(1), 1-10. doi:10.1016/j.cognition.2013.08.008

Spape, M. M., & Serrien, D. J. (2011). Prediction of collision events: An EEG coherence analysis. *Clinical Neurophysiology*, 122(1), 891-896. doi:10.1016/j.clinph.2011.01.047

Speer, N. K., & Curran, T. (2007). ERP correlates of familiarity and recollection processes in visual associative recognition. *Brain Research*, 1174, 97-109. doi:10.1016/j.brainres.2007.08.024

Spencer, K. M., Abad, E. V., & Donchin, E. (2000). On the search for the neurophysiological manifestation of recollective experience. *Psychophysiology*, 37, 494-506.

Spencer, K. M., Dien, J., & Donchin, E. (1999). A componential analysis of the ERP elicited by novel events using a dense electrode array. *Psychophysiology*, 36, 409-414.

Spencer, K. M., Dien, J., & Donchin, E. (2001). Spatiotemporal analysis of the late ERP responses to deviant stimuli. *Psychophysiology*, 38, 343-358.

Sperdin, H. F., Spierer, L., Becker, R., Michel, C. M., & Landis, T. (2015). Submillisecond unmasked subliminal visual stimuli evoke electrical brain responses. *Human Brain Mapping*, 36(4), 1470-1483.

Sperli, F., Spinelli, L., Seeck, M., Kurian, M., Michel, C. M., & Lantz, G. (2006). EEG source imaging in pediatric epilepsy surgery: a new perspective in presurgical workup. *Epilepsia*, 47(6), 981-990.

Spitzer, M., Weisbrod, M., Winkler, S., & Maier, S. (1997). Event-related potentials in semantic speech processing by schizophrenic patients. *Der Nervenarzt*, 68(3), 212-225. doi:10.1007/s001150050116

Sreekrishnan, A., Herrera, T. A., Wu, J., Borelli, J. L., White, L. O., Rutherford, H. J. V., . . Crowley, M. J. (2014). Kin rejection: social signals, neural response and perceived distress during social exclusion. *Developmental Science*, 17(6), 1029-1041. doi:10.1111/desc.12191

Srinivasan, R. (1999). Spatial structure of the human alpha rhythm: global correlation in adults and local correlation in children. *Clinical Neurophysiology*, 110(8), 1351-1362.

- Srinivasan, R., Nunez, P. L., & Silberstein, R. B. (1998). Spatial filtering and neocortical dynamics: estimates of EEG coherence. *IEEE Transactions on Biomedical Engineering*, 45(7), 814-826.
- Srinivasan, R., Nunez, P. L., Tucker, D. M., Silberstein, R. B., & Cadusch, P. J. (1996). Spatial sampling and filtering of EEG with spline laplacians to estimate cortical potentials. *Brain Topography*, 8(4), 355-366.
- Srinivasan, R., Thorpe, S., Deng, S., Lappas, T., & D'Zmura, M. (2009). Decoding attentional orientation from EEG spectra. *Human-Computer Interaction. New Trends*, 176-183.
- Srinivasan, R., Tucker, D. M., & Murias, M. (1998). Estimating the spatial Nyquist of the human EEG. *Behavior research methods, instruments & computers*, 30(1), 8-19.
- St-Louis-Deschênes, M., Moore, R., & Ellemborg, D. (2015). The Selective Effect of Acute Aerobic Exercise on Neuroelectric Indices of Attention during Development. *Pediatric Therapeut*, 5(238), 2161-0665.1000238.
- Stafura, J. Z., Rickles, B., & Perfetti, C. A. (2015). ERP evidence for memory and predictive mechanisms in word-to-text integration. *Language, Cognition and Neuroscience*(ahead-of-print), 1-18.
- Stamoulis, C., Vogel-Farley, V., Degregorio, G., Jeste, S. S., & Nelson, C. A. (2013). Resting and Task-Modulated High-Frequency Brain Rhythms Measured by Scalp Encephalography in Infants with Tuberous Sclerosis Complex. *J Autism Dev Disord*. doi:10.1007/s10803-013-1887-7
- Stancak, A., & Fallon, N. (2013). Emotional modulation of experimental pain: a source imaging study of laser evoked potentials. *Front Hum Neurosci*, 7, 552. doi:10.3389/fnhum.2013.00552
- Stancak, A., Ward, H., & Fallon, N. (2012). Modulation of pain by emotional sounds: A laser-evoked potential study. *European Journal of Pain*, n/a-n/a. doi:10.1002/j.1532-2149.2012.00206.x
- Stanescu-Cosson, R., Pinel, P., Moortele, P.-F. v. d., Bihan, D. L., Cohen, L., & Dehaene, S. (2000). Understanding dissociations in dyscalculia: a brain imaging study of the impact of number size on the cerebral networks for exact and approximate calculation. *Brain*, 123, 2240-2255.
- Stefanics, G., Fosker, T., Huss, M., Mead, N., Szucs, D., & Goswami, U. (2011). Auditory sensory deficits in developmental dyslexia: A longitudinal ERP study.

NeuroImage, 57(1), 723-732. doi:10.1016/j.neuroimage.2011.04.005

Sternshein, H., Agam, Y., & Sekuler, R. (2011). EEG Correlates of Attentional Load during Multiple Object Tracking. *PLoS one*, 6(7), e22660. doi:10.1371/journal.pone.0022660

Stevens, S. (2015). *Neural Plasticity in Response to Intervention in Adolescents with Autism Spectrum Disorders*. (PhD Thesis), Marquette University. Retrieved from http://epublications.marquette.edu/dissertations_mu/544

Stevenson, R., Bushmakin, M., Kim, S., Wallace, M. T., Puce, A., & James, T. W. (2012). Inverse Effectiveness and Multisensory Interactions in Visual Event-Related Potentials with Audiovisual Speech. *Brain Topography*, 1-19. doi:10.1007/s10548-012-0220-7

Stieben, J., Lewis, M. D., & Granic, I. (2007). Neurophysiological mechanisms of emotion regulation for subtypes of externalizing children. *Development and psychopathology*, 19, 455-480. doi:10.1017/S0954579407070228

Stockburger, J., Renner, B., Weike, A. I., Hamm, A. O., & Schupp, H. T. (2009). Vegetarianism and food perception. Selective visual attention to meat pictures. *Appetite*, 52, 513-516. doi:10.1016/j.appet.2008.10.001

Stockburger, J., Schmalzle, R., Flaisch, T., Bublitzky, F., & Schupp, H. T. (2009). The impact of hunger on food cue processing: An event-related brain potential study. *NeuroImage*, 47, 1819-1829. doi:10.1016/j.neuroimage.2009.04.071

Stockburger, J., Weike, A. I., Hamm, A. O., & Schupp, H. T. (2008). Deprivation selectively modulates brain potentials to food pictures. *Behavioral Neuroscience*, 122(4), 936-942. doi:10.1037/a0012517

Stojanoski, B. B., & Niemeier, M. (2015). Colour expectations during object perception are associated with early and late modulations of electrophysiological activity. *Experimental Brain Research*, 1-10.

Stolarova, M., Keil, A., & Moratti, S. (2006). Modulation of the C1 visual event-related component by conditioned stimuli: Evidence for sensory plasticity in early affective perception. *Cerebral Cortex*, 16, 876-887. doi:10.1093/cercor/bhj031

Storti, S., Formaggio, E., Franchini, E., Bongiovanni, L. G., Cerini, R., Fiaschi, A., . . . Manganotti, P. (2012). A multimodal imaging approach to the evaluation of post-traumatic epilepsy. *Magn Reson Mater Phy*, 1-6. doi:10.1007/s10334-012-0316-9

Storti, S. F., Boscolo Galazzo, I., Del Felice, A., Pizzini, F. B., Arcaro, C., Formaggio, E.,

. . . Manganotti, P. (2013). Combining ESI, ASL and PET for quantitative assessment of drug-resistant focal epilepsy. *NeuroImage*. doi:10.1016/j.neuroimage.2013.06.028

Storti, S. F., Boscolo Galazzo, I., Del Felice, A., Pizzini, F. B., Arcaro, C., Formaggio, E., . . . Manganotti, P. (2014). Combining ESI, ASL and PET for quantitative assessment of drug-resistant focal epilepsy. *NeuroImage*, 102, Part 1(0), 49-59. doi:<http://dx.doi.org/10.1016/j.neuroimage.2013.06.028>

Straume, L. R. (2015). *Perception of optic flow and random visual motion in preterm and full-term infants: A longitudinal EEG study*. (Masters Thesis), Norwegian University of Science and Technology (NTNU).

Streltsova, A., & McCleery, J. P. (2012). Neural time-course of the observation of human and non-human object touch. *Soc Cogn Affect Neurosci*. doi:10.1093/scan/nss142

Streltsova, A., & McCleery, J. P. (2014). Neural time-course of the observation of human and non-human object touch. *Soc Cogn Affect Neurosci*, 9(3), 333-341. doi:10.1093/scan/nss142

Sun, Y., Giavazzi, M., Adda-Decker, M., Barbosa, L. S., Kouider, S., Bachoud-Lévi, A.-C., . . . Peperkamp, S. (2015). Complex linguistic rules modulate early auditory brain responses. *Brain and Language*, 149, 55-65. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0093934X15001297>

Sutoyo, D., & Srinivasan, R. (2009). Nonlinear SSVEP responses are sensitive to the perceptual binding of visual hemifields during conventional [] eye'rivalry and interocular [] percept'rivalry. *Brain Research*, 1251, 245-255. doi:10.1016/j.brainres.2008.09.086

Sutton, S. K., & Davidson, R. J. (1997). Prefrontal brain asymmetry: A biological substrate of the behavioral approach and inhibition systems. *Psychological Science*, 8(3), 204-210. doi:10.1111/j.1467-9280.1997.tb00413.x

Suzuki, S., Matsui, T., Sakaguchi, Y., Ando, K., Nishiuchi, N., & Ishihara, M. (2010). The possibility of determination of accuracy of performance just before the onset of a reaching task using movement-related cortical potentials. *Medical & Biological Engineering & Computing*, 48(9), 845-852. doi:10.1007/s11517-010-0664-4

Suzuki, S., Matsui, T., Sakaguchi, Y., Ando, K., Nishiuchi, N., Yamazaki, T., & Fukuzumi, S. i. (2009). On the Possibility about Performance Estimation Just before Beginning a Voluntary Motion Using Movement Related Cortical Potential. *Human-Computer Interaction. New Trends*, 184-191.

- Swainson, R., Cunnington, R., Jackson, G. M., Rorden, C., Peters, A. M., Morris, P., & Jackson, S. R. (2003). Cognitive control mechanisms revealed by ERP and fMRI: Evidence from repeated task-switching. *Journal of Cognitive Neuroscience*, 15(6), 785-799.
- Swainson, R., Jackson, S. R., & Jackson, G. M. (2006). Using advance information in dynamic cognitive control: an ERP study of task-switching. *Brain Research*, 1105, 61-72. doi:10.1016/j.brainres.2006.02.027
- Sweeney-Reed, C. M., Riddell, P. M., Ellis, J. A., Freeman, J. E., & Nasuto, S. J. (2012). Neural correlates of true and false memory in mild cognitive impairment. *PloS one*, 7(10), e48357. doi:10.1371/journal.pone.0048357
- Sysoeva, O., Kulikova, M., Malyuchenko, N. V., Tonevitskii, A. G., & Ivanitskii, A. M. (2010). Genetic and social factors in the development of aggression. *Human Physiology*, 36(1), 40-46. doi:10.1134/S0362119710010056
- Szucs, D., & Soltesz, F. (2008). The interaction of task-relevant and task-irrelevant stimulus features in the number/size congruity paradigm: An ERP study. *Brain Research*, 1190, 143-158. doi:10.1016/j.brainres.2007.11.010
- Szucs, D., & Soltesz, F. (2010). Stimulus and response conflict in the color-word Stroop task: A combined electro-myography and event-related potential study. *Brain Research*, 1325, 63-76. doi:10.1016/j.brainres.2010.02.011
- Szucs, D., & Soltesz, F. (2010). Event-related brain potentials to violations of arithmetic syntax represented by place value structure. *Biological Psychology*, 84, 354-367. doi:10.1016/j.biopsych.2010.04.002
- Szucs, D., & Soltész, F. (2012). Functional definition of the N450 event-related brain potential marker of conflict processing: a numerical Stroop study. *BMC Neuroscience*(13), 35. doi:10.1186/1471-2202-13-35
- Szucs, D., Soltesz, F., Bryce, D., & Whitebread, D. (2009). Real-time tracking of motor response activation and response competition in a Stroop task in young children: A lateralized readiness potential study. *Journal of Cognitive Neuroscience*, 21(11), 2195-2206.
- Szucs, D., Soltesz, F., & White, S. (2009). Motor conflict in Stroop tasks: Direct evidence from single-trial electro-myography and electro-encephalography. *NeuroImage*, 47, 1960-1973. doi:10.1016/j.neuroimage.2009.05.048
- Tahaei, M., Jalili, M., IEEE, & Knyazeva, M. G. (2012). Synchronizability of EEG-Based

Functional Networks in Early Alzheimer's Disease. *IEEE*, IN PRESS.

Takács, Á., Kóbor, A., Janacsek, K., Honbolygó, F., Csépe, V., & Németh, D. (2015). High trait anxiety is associated with attenuated feedback-related negativity in risky decision making. *Neuroscience letters*, 600, 188-192.

Tamamiya, Y., & Hiraki, K. (2013). Individual differences in the recognition of facial expressions: an event-related potentials study. *PLoS one*, 8(2), e57325. doi:10.1371/journal.pone.0057325.g001

Tamburin, S., Turri, G., Kuhdari, P., Fiaschi, A., & Manganotti, P. (2012). Unilateral fixed mydriasis: an uncommon presentation of temporal lobe epilepsy. *J Neurol*, 259(2), 355-357. doi:10.1007/s00415-011-6159-x

Tanaka, J. W., & Curran, T. (2001). A neural basis for expert object recognition. *Psychological Science*, 12(1), 43-47.

Tanaka, J. W., Curran, T., Porterfield, A. L., & Collins, D. (2006). Activation of preexisting and acquired face representations: The N250 event-related potential as an index of face familiarity. *Journal of Cognitive Neuroscience*, 18(9), 1488-1497.

Tanaka, J. W., Luu, P., Weisbrod, M., & Kiefer, M. (1999). Tracking the time course of object categorization using event-related potentials. *NeuroReport*, 10(4), 829-835.

Tanaka, Y., Fukushima, H., Okano, K., & Myowa-Yamakoshi, M. (2014). Mothers' multimodal information processing is modulated by multimodal interactions with their infants. *Sci. Rep.*, 4. doi:10.1038/srep06623

<http://www.nature.com/srep/2014/141017/srep06623/abs/srep06623.html#supplementary-information>

Tarkka, I. M., Luukkainen-Markkula, R., Pitkanen, K., & Hämäläinen, H. (2011). Alterations in visual and auditory processing in hemispatial neglect; an evoked potential follow-up study. *International Journal of Psychophysiology*, 79, 272-279. doi:10.1016/j.ijpsycho.2010.11.002

Tarokh, L. (2009). EEG oscillations induced by contour closure in a noisy visual field. *Behavioural Brain Research*, 196, 55-62. doi:10.1016/j.bbr.2008.07.026

Taroyan, N. A., Nicolson, R. I., & Buckley, D. (2011). Neurophysiological and Behavioural Correlates of Coherent Motion Perception in Dyslexia. *Dyslexia*, 17, 282-290. doi:10.1002/dys.435

- Taroyan, N. A., Nicolson, R. I., & Fawcett, A. J. (2007). Behavioural and neurophysiological correlates of dyslexia in the continuous performance task. *Clinical Neurophysiology*, 118, 845-855. doi:10.1016/j.clinph.2006.11.273
- Taroyan, N. A., Thiyagesh, S., Vigon, L., Buckley, D., Woodruff, P. W. R., Young, C., . . . Frisby, J. P. (2004). The effects of ageing on stereopsis A VEP study. *Documenta Ophthalmologica*, 108, 185-196.
- Tass, P., Adamchic, I., Freund, H.-J., Stackelberg, T. v., & Hauptmann, C. (2012). Counteracting tinnitus by acoustic coordinated reset neuromodulation. *Restorative Neurology*, 30, 137-159. doi:10.3233/RNN-2012-110218
- Tata, M. S., Alam, N., Mason, A. L. O., Christie, G., & Butcher, A. (2010). Selective attention modulates electrical responses to reversals of optic-flow direction. *Vision Research*, 50, 750-760. doi:10.1016/j.visres.2010.01.012
- Tata, M. S., Mason, A. L. O., & Sutherland, R. J. (2007). Attention modulates responses to motion reversals in human visual cortex. *NeuroReport*, 18(13), 1361-1365. doi:10.1097/WNR.0b013e328274213e
- Taylor-Colls, S., & Pasco Fearon, R. (2015). The Effects of Parental Behavior on Infants' Neural Processing of Emotion Expressions. *Child Development*, 86(3), 877-888.
- Teel, E. F., Ray, W. J., Geronimo, A. M., & Slobounov, S. M. (2014). Residual alterations of brain electrical activity in clinically asymptomatic concussed individuals: an EEG study. *Clin Neurophysiol*, 125(4), 703-707. doi:10.1016/j.clinph.2013.08.027
- Temple, E., & Posner, M. I. (1998). Brain mechanisms of quantity are similar in 5-year-old children and adults. *Proceedings of the Academy of Sciences of the United States of America*, 95, 7836-7841.
- Tenke, C., & Kayser, J. (2001). A convenient method for detecting electrolyte bridges in multichannel electroencephalogram and event-related potential recordings. *Clinical Neurophysiology*, 112(3), 545-550.
- Terhune, D. B., & Cardeña, E. (2010). Disruption of synaesthesia by posthypnotic suggestion: An ERP study. *Neuropsychologia*, 48, 3360-3364. doi:10.1016/j.neuropsychologia.2010.07.004
- Terhune, D. B., Cardeña, E., & Lindgren, M. (2011). Differential frontal-parietal phase synchrony during hypnosis as a function of hypnotic suggestibility.

Psychophysiology, 48, 1444-1447. doi:10.1111/j.1469-8986.2011.01211

Terushkin, V. (2005). Human Episodic Memory from a Dual Behavioral/Electrophysiological Perspective. *Brandeis University*, 1-43.

Teyler, T. J., Hamm, J. P., Clapp, W. C., Johnson, B. W., Corballis, M. C., & Kirk, I. J. (2005). Long-term potentiation of human visual evoked responses. *European Journal of Neuroscience*, 21, 2045-2050. doi:10.1111/j.1460-9568.2005.04007.x

Thaut, M. H., Peterson, D. A., McIntosh, G. C., & Hoemberg, V. (2014). Music mnemonics aid Verbal Memory and Induce Learning - Related Brain Plasticity in Multiple Sclerosis. *Front Hum Neurosci*, 8, 395. doi:10.3389/fnhum.2014.00395

Thayer, Z., Johnson, B. W., Corballis, M. C., & Hamm, J. P. (2001). Perceptual and motor mechanisms for mental rotation of human hands. *NeuroReport*, 12(16), 3433-3437.

Thom, N., Knight, J., Dishman, R., Sabatinelli, D., Johnson, D., & Clementz, B. (2014). Emotional scenes elicit more pronounced self-reported emotional experience and greater EPN and LPP modulation when compared to emotional faces. *Cognitive, Affective, & Behavioral Neuroscience*, 14(2), 849-860. doi:10.3758/s13415-013-0225-z

Thom, N., Knight, J., Dishman, R., Sabatinelli, D., Johnson, D. C., & Clementz, B. (2013). Emotional scenes elicit more pronounced self-reported emotional experience and greater EPN and LPP modulation when compared to emotional faces. *Cogn Affect Behav Neurosci*. doi:10.3758/s13415-013-0225-z

Thorpe, S. G., Cannon, E. N., & Fox, N. A. (2015). Spectral and source structural development of mu and alpha rhythms from infancy through adulthood. *Clinical Neurophysiology*. doi:10.1016/j.clinph.2015.03.004

Thuraisingham, R. (2015). A different perspective of multi-channel EEG data using network analysis. *Biomedical Physics & Engineering Express*, 1(2), 025001.

Thuraisingham, R. A. (2015). A different perspective of multi-channel EEG data using network analysis. *Biomedical Physics & Engineering Express*, 1(2), 025001. doi:10.1088/2057-1976/1/2/025001

Tian, Y., Chica, A. B., Xu, P., & Yao, D. (2011). Differential Consequences of Orienting Attention in Parallel and Serial Search: An ERP Study. *Brain Research*, 1391, 81-92. doi:10.1016/j.brainres.2011.03.062

Tian, Y., Klein, R. M., Satel, J., Xu, P., & Yao, D. (2011). Electrophysiological

Explorations of the Cause and Effect of Inhibition of Return in a Cue–Target Paradigm. *Brain Topography*, 24, 164-182. doi:10.1007/s10548-011-0172-3

Tidswell, A., Bagshaw, A., Holder, D. S., Yerworth, R. J., Eadie, L., Murray, S., . . . Bayford, R. H. (2003). A comparison of headnet electrode arrays for electrical impedance tomography of the human head. *Physiological Measurement*, 24, 527-544.

Tierney, A. L., Gabard-Durnam, L., Vogel-Farley, V., Tager-Flusberg, H., & Nelson, C. A. (2012). Developmental Trajectories of Resting EEG Power: An Endophenotype of Autism Spectrum Disorder. *PloS one*, 7(6), e39127. doi:10.1371/journal.pone.0039127.t005

Todd, R. M., Lewis, M. D., Meusel, L.-A., & Zelazo, P. D. (2008). The time course of social-emotional processing in early childhood: ERP responses to facial affect and personal familiarity in a go-nogo task. *Neuropsychologia*, 46, 595-613. doi:10.1016/j.neuropsychologia.2007.10.011

Tokowicz, N., & MacWhinney, B. (2005). Implicit and explicit measures of sensitivity to violations in second language grammar: An event-related potential investigation. *Studies in Second Language*, 27, 173-204. doi: 10+10170S0272263105050102

Tomalski, P., Csibra, G., & Johnson, M. H. (2009). Rapid orienting toward face-like stimuli with gaze-relevant contrast information. *Perception*, 38, 569-578. doi:10.1068/p6137

Tomalski, P., & Johnson, M. H. (2012). Cortical sensitivity to contrast polarity and orientation of faces is modulated by temporal-nasal hemifield asymmetry. *Brain Imaging and Behavior*, 6, 88-101. doi:10.1007/s11682-012-9147-6

Tomalski, P., Johnson, M. H., & Csibra, G. (2009). Temporal-nasal asymmetry of rapid orienting to face-like stimuli. *Cognitive Neuroscience and Neuropsychology*, 20(15), 1309-1312. doi:10.1097/WNR.0b013e32832f0acd

Tomalski, P., Moore, D. G., Ribeiro, H., Axelsson, E. L., Murphy, E., Karmiloff-Smith, A., . . . Kushnerenko, E. (2013). Socio-economic status and functional brain development — associations in early infancy. *Developmental Science*, 16(5), 676-687. doi:10.1111/desc.12079

Tomalski, P., Moore, D. G., Ribeiro, H., Axelsson, E. L., Murphy, E., Karmiloff-Smith, A., . . . Kushnerenko, E. (2013). Socioeconomic status and functional brain development - associations in early infancy. *Dev Sci*, 16(5), 676-687. doi:10.1111/desc.12079

- Tomescu, M. I., Rihs, T. A., Becker, R., Britz, J., Custo, A., Grouiller, F., . . . Michel, C. M. (2014). Deviant dynamics of EEG resting state pattern in 22q11.2 deletion syndrome adolescents: A vulnerability marker of schizophrenia? *Schizophr Res*, 157(1-3), 175-181. doi:10.1016/j.schres.2014.05.036
- Tomescu, M. I., Rihs, T. A., Roinishvili, M., Karahanoglu, F. I., Schneider, M., Menghetti, S., . . . Eliez, S. (in press). Schizophrenia patients and 22q11.2 deletion syndrome adolescents at risk express the same deviant patterns of resting state EEG microstates: A candidate endophenotype of schizophrenia. *Schizophrenia Research: Cognition*.
- Tops, M., Boksem, M., Luu, P., & Tucker, D. M. (2010). Brain substrates of behavioral programs associated with self-regulation. *Frontiers in Physiology*, 1(152), 1-14. doi:10.3389/fpsyg.2010.00152
- Tops, M., Huffmeijer, R., Linting, M., Grewen, K. M., Light, K. C., Koole, S. L., . . . van IJzendoorn, M. H. (2013). The role of oxytocin in familiarization-habituation responses to social novelty. *Front Psychol*, 4, 761. doi:10.3389/fpsyg.2013.00761
- Tortosa, M. I., Lupianez, J., & Ruz, M. (2013). Race, emotion and trust: An ERP study. *Brain Res*, 1494, 44-55. doi:10.1016/j.brainres.2012.11.037
- Touryan, J., Gibson, L., Horne, J. H., & Weber, P. (2011). Frontiers: Real-Time Measurement of Face Recognition in Rapid Serial Visual Presentation. *Frontiers in Perception Science*, 2(42), 1-8. doi:10.3389/fpsyg.2011.00042
- Touryan, J., Gibson, L., Horne, J. H., & Weber, P. (2011). Real-Time Measurement of Face Recognition in Rapid Serial Visual Presentation. *Frontiers in Physiology*, 2(42), 1-8. doi:10.3389/fpsyg.2011.00042
- Trainor, L. J., Lee, K., & Bosnyak, D. J. (2011). Cortical Plasticity in 4-Month-Old Infants: Specific Effects of Experience with Musical Timbres. *Brain Topography*, 24, 192-203. doi:10.1007/s10548-011-0177-y
- Tremblay, E., Vannasing, P., Roy, M. S., Lefebvre, F., Kombate, D., Lassonde, M., . . . Gallagher, A. (2014). Delayed early primary visual pathway development in premature infants: high density electrophysiological evidence. *PLoS one*, 9(9), e107992. doi:10.1371/journal.pone.0107992
- Trinkl, M., Greimel, E., Bartling, J., Grünwald, B., Schulte-Körne, G., & Grossheinrich, N. (2015). Right-lateralization of N2-amplitudes in depressive adolescents: an emotional go/no-go study. *Journal of Child Psychology and Psychiatry*, 56(1), 76-86.

Trujillo, L., Jankowitsch, J., & Langlois, J. (2014). Beauty is in the ease of the beholding: A neurophysiological test of the averageness theory of facial attractiveness. *Cognitive, Affective, & Behavioral Neuroscience*, 14(3), 1061-1076. doi:10.3758/s13415-013-0230-2

Trujillo, L. T., Jankowitsch, J. M., & Langlois, J. H. (2013). Beauty is in the ease of the beholding: A neurophysiological test of the averageness theory of facial attractiveness. *Cogn Affect Behav Neurosci.* doi:10.3758/s13415-013-0230-2

Tsai, J. J., Norcia, A. M., Ales, J. M., & Wade, A. R. (2011). Contrast gain control abnormalities in idiopathic generalized epilepsy. *American Neurological Association*, 70(4), 574-582. doi:DOI: 10.1002/ana.22462

Tsolaki, A., Kosmidou, V., Hadjileontiadis, L., Kompatsiaris, I. Y., & Tsolaki, M. (2015). Brain source localization of MMN, P300 and N400: Aging and gender differences. *Brain Research*, 1603, 32-49.

Tucker, D. M. (1993). Spatial sampling of head electrical fields: The geodesic sensor net. *Electroencephalography and Clinical Neurophysiology*, 87, 154-163.

Tucker, D. M. (2000). Real brain waves. *Behavioral and Brain Sciences*, 23(3), 412-413.

Tucker, D. M. (2008). GeoSource... From Scalp Waveforms to Brain Space. 1(1), 1-3.

Tucker, D. M. (2008). Spatial Sampling of the Human EEG: How Many Channels are Necessary? , 1(1), 1-6.

Tucker, D. M., Brown, M., Luu, P., & Holmes, M. D. (2007). Discharges in ventromedial frontal cortex during absence spells. *Epilepsy & Behavior*, 11(4), 546-557. doi:10.1016/j.yebeh.2007.04.023

Tucker, D. M., Derryberry, D., & Luu, P. (2000). Anatomy and physiology of human emotion: Vertical integration of brainstem, limbic, and cortical systems. *The neuropsychology of emotion*, 56.

Tucker, D. M., Harry-Speiser, A. L., McDougal, L. M., Luu, P., & deGrandpre, D. (1999). Mood and spatial memory: emotion and right hemisphere contribution to spatial cognition. *Biological Psychology*, 50, 103-125.

Tucker, D. M., & Holmes, M. D. (2011). Fractures and Bindings of Consciousness. *American Scientist*, 99(January-February), 32-39.

Tucker, D. M., Liotti, M., Potts, G. F., Russell, G. S., & Posner, M. I. (1994).

Spatiotemporal analysis of brain electrical fields. *Human Brain Mapping*, 1(2), 134-152. doi:10.1002/hbm.460010206

Tucker, D. M., & Luu, P. (2007). Neurophysiology of motivated learning: adaptive mechanisms underlying cognitive bias in depression. *Cognitive Therapy and Research*, 31, 189-209. doi:10.1007/s10608-006-9115-9

Tucker, D. M., & Luu, P. (2009). Operational Brain Dynamics: Data Fusion Technology for Neurophysiological, Behavioral, and Scenario Context Information in Operational Environments. *Foundations of Augmented Cognition. Directing the Future of Adaptive Systems*, 98-104.

Tucker, D. M., Luu, P., & Derryberry, D. (2005). Love hurts: The evolution of empathic concern through the encephalization of nociceptive capacity. *Development and psychopathology*, 17(03), 699-713.

Tucker, D. M., Luu, P., Desmond, R. E., Hartry-Speiser, A. L., Davey, C., & Flaisch, T. (2003). Corticolimbic mechanisms in emotional decisions. *Emotion*, 3(7), 127-149.

Tucker, D. M., Luu, P., Frishkoff, G. A., Quiring, J. M., & Poulsen, C. (2003). Frontolimbic Response to Negative Feedback in Clinical Depression* 1. *Journal of Abnormal Psychology*, 112(4), 667-678. doi:10.1037/0021-843X.112.4.667

Tucker, D. M., Luu, P., & Poulsen, C. (2008). Neural mechanism of inhibitory specification in cognitive and linguistic complexity. *Symposium on the Genesis of Syntactic*, 1-18.

Tucker, D. M., Poulsen, C., & Luu, P. (2015). Critical periods for the neurodevelopmental processes of externalizing and internalizing. *Dev Psychopathol*, 27(2), 321-346. doi:10.1017/S0954579415000024

Tucker, D. M., Waters, A. C., & Holmes, M. D. (2009). Transition from cortical slow oscillations of sleep to spike-wave seizures. *Clinical Neurophysiology*, 120(12), 2055-2062. doi:10.1016/j.clinph.2009.07.047

Tune, S., Schlesewsky, M., Small, S. L., Sanford, A. J., Bohan, J., Sassenhagen, J., & Bornkessel-Schlesewsky, I. (2014). Cross-linguistic variation in the neurophysiological response to semantic processing: Evidence from anomalies at the borderline of awareness. *Neuropsychologia*, 56, 147-166. doi:10.1016/j.neuropsychologia.2014.01.007

Tunik, E., Ortigue, S., Adamovich, S. V., & Grafton, S. T. (2008). Differential recruitment of anterior intraparietal sulcus and superior parietal lobule during visually guided

grasping revealed by electrical neuroimaging. *The Journal of Neuroscience*, 28(50), 13615-13620. doi:10.1523/JNEUROSCI.3303-08.2008

Tunney, R., Fernie, G., & Astle, D. E. (2010). An ERP Analysis of Recognition and Categorization Decisions in a Prototype-Distortion Task. *PloS one*, 5(4), e10116. doi:10.1371/journal.pone.0010116

Tuomainen, O. T. (2015). Auditory short-term memory trace formation for nonspeech and speech in SLI and dyslexia as indexed by the N100 and mismatch negativity electrophysiological responses. *NeuroReport*, 26(6), 374-379.

Turgeon, C., Lazzouni, L., Lepore, F., & Ellemborg, D. (2014). An objective auditory measure to assess speech recognition in adult cochlear implant users. *Clin Neurophysiol*, 125(4), 827-835. doi:10.1016/j.clinph.2013.09.035

Turovets, S., Poolman, P., Salman, A., Malony, A. D., & Tucker, D. M. (2008). Conductivity analysis for high-resolution EEG. *BioMedical Engineering and Informatics, 2008. BMEI 2008. International Conference on*, 2, 386-393. doi:10.1109/BMEI.2008.358

Tzovara, A., Murray, M. M., Plomp, G., Herzog, M. H., Michel, C. M., & De Lucia, M. (2012). Decoding stimulus-related information from single-trial EEG responses based on voltage topographies. *Pattern Recognition*, 45(1), 2109-2122. doi:10.1016/j.patcog.2011.04.007

Tzur, G., & Berger, A. (2007). When things look wrong: theta activity in rule violation. *Neuropsychologia*, 45, 3122-3126. doi:10.1016/j.neuropsychologia.2007.05.004

Tzur, G., & Berger, A. (2009). Fast and slow brain rhythms in rule/expectation violation tasks: Focusing on evaluation processes by excluding motor action. *Behavioural Brain Research*, 198, 420-428. doi:10.1016/j.bbr.2008.11.041

Tzur, G., Berger, A., Luria, R., & Posner, M. I. (2010). Theta synchrony supports Weber-Fechner and Stevens' Laws for error processing, uniting high and low mental processes. *Psychophysiology*, 47(4), 758-766. doi:10.1111/j.1469-8986.2010.00967.x

Tzuyin Lai, V., & Curran, T. (2013). ERP evidence for conceptual mappings and comparison processes during the comprehension of conventional and novel metaphors. *Brain Lang*, 127(3), 484-496. doi:10.1016/j.bandl.2013.09.010

Umiltà, M. A., Berchio, C., Sestito, M., Freedberg, D., & Gallese, V. (2012). Abstract art and cortical motor activation: an EEG study. *Front Hum Neurosci*, 6, 311. doi:10.3389/fnhum.2012.00311

- Upshaw, M. B., Bernier, R. A., & Sommerville, J. A. (2015). Infants' grip strength predicts mu rhythm attenuation during observation of lifting actions with weighted blocks. *Developmental Science*. doi:10.1111/desc.12308
- Vakorin, V. A., Lippe, S., & McIntosh, A. R. (2011). Variability of Brain Signals Processed Locally Transforms into Higher Connectivity with Brain Development. *The Journal of Neuroscience*, 31(17), 6405-6413. doi:10.1523/JNEUROSCI.3153-10.2011
- Vakorin, V. A., McIntosh, A. R., Misic, B., Krakovska, O., Poulsen, C., Martinu, K., & Paus, T. (2013). Exploring age-related changes in dynamical non-stationarity in electroencephalographic signals during early adolescence. *PLoS One*, 8(3), e57217. doi:10.1371/journal.pone.0057217
- van der Meer, A., Fallet, G., & Van Der Weel, F. (2008). Perception of structured optic flow and random visual motion in infants and adults: a high-density EEG study. *Experimental Brain Research*, 186(3), 493-502. doi:10.1007/s00221-007-1251-2
- van der Meer, A. L., Svantesson, M., & van der Weel, F. R. (2012). Longitudinal Study of Looming in Infants with High-Density EEG. *Dev Neurosci*. doi:10.1159/000345154
- van Driel, J., Knapen, T., van Es, D. M., & Cohen, M. X. (2014). Interregional alpha-band synchrony supports temporal cross-modal integration. *NeuroImage*, 101(0), 404-415. doi:<http://dx.doi.org/10.1016/j.neuroimage.2014.07.022>
- Van Hecke, A. V., Stevens, S., Carson, A. M., Karst, J. S., Dolan, B., Schohl, K., . . . Brockman, S. (2013). Measuring the Plasticity of Social Approach: A Randomized Controlled Trial of the Effects of the PEERS Intervention on EEG Asymmetry in Adolescents with Autism Spectrum Disorders. *J Autism Dev Disord*. doi:10.1007/s10803-013-1883-y
- van Leeuwen, S., Singer, W., & Melloni, L. (2012). Meditation increases the depth of information processing and improves the allocation of attention in space. *Frontiers in Human Neuroscience*, 6(133), 1-16. doi:10.3389/fnhum.2012.00133
- van Noordt, S. J., White, L. O., Wu, J., Mayes, L. C., & Crowley, M. J. (2015). Social exclusion modulates event-related frontal theta and tracks ostracism distress in children. *NeuroImage*, 118, 248–255. doi:10.1016/j.neuroimage.2015.05.085
- van Vugt, M. K., Sekuler, R., Wilson, H. R., & Kahana, M. J. (2013). An electrophysiological signature of summed similarity in visual working memory. *J Exp Psychol Gen*, 142(2), 412-425. doi:10.1037/a0029759

van Wouwe, N. C., van den Wildenberg, W. P. M., Claassen, D. O., Kanoff, K., Bashore, T. R., & Wylie, S. A. (2014). Speed pressure in conflict situations impedes inhibitory action control in Parkinson's disease. *Biological Psychology*, 101(0), 44-60. doi:<http://dx.doi.org/10.1016/j.biopspsycho.2014.07.002>

Vanderhasselt, M.-A., De Raedt, R., Brunoni, A. R., Campanhã, C., Baeken, C., Remue, J., & Boggio, P. S. (2013). tDCS over the left prefrontal cortex enhances cognitive control for positive affective stimuli. *PloS one*, 8(5), e62219. doi:[10.1371/journal.pone.0062219.g001](https://doi.org/10.1371/journal.pone.0062219.g001)

[10.1371/journal.pone.0062219.g002](https://doi.org/10.1371/journal.pone.0062219.g002)

Vanderhasselt, M. A., De Raedt, R., Dillon, D. G., Dutra, S. J., Brooks, N., & Pizzagalli, D. A. (2012). Decreased cognitive control in response to negative information in patients with remitted depression: an event-related potential study. *J Psychiatry Neurosci*, 37(4), 250-258. doi:[10.1503/jpn.110089](https://doi.org/10.1503/jpn.110089)

Vanderwert, R. E., Westerlund, A., Montoya, L., McCormick, S. A., Miguel, H. O., & Nelson, C. A. (2014). Looking to the eyes influences the processing of emotion on face-sensitive event-related potentials in 7-month-old infants. *Developmental Neurobiology*, n/a-n/a. doi:[10.1002/dneu.22204](https://doi.org/10.1002/dneu.22204)

VanHaerents, S., Herman, S. T., Pang, T., Pascual-Leone, A., & Shafi, M. M. (2015). Repetitive transcranial magnetic stimulation; A cost-effective and beneficial treatment option for refractory focal seizures. *Clin Neurophysiol*. doi:[10.1016/j.clinph.2014.12.004](https://doi.org/10.1016/j.clinph.2014.12.004)

Vanhatalo, S., Voipio, J., Dewaraja, A., Holmes, M. D., & Miller, J. W. (2003). Topography and elimination of slow EEG responses related to tongue movements. *NeuroImage*, 20, 1419-1423. doi:[10.1016/S1053-8119\(03\)00392-6](https://doi.org/10.1016/S1053-8119(03)00392-6)

Varcin, K. J., Nelson, C. A., Ko, J., Sahin, M., Wu, J. Y., & Jeste, S. S. (2015). Visual Evoked Potentials as a Readout of Cortical Function in Infants With Tuberous Sclerosis Complex. *Journal of Child Neurology*, 0883073815587328. doi:[10.1177/0883073815587328](https://doi.org/10.1177/0883073815587328)

Veen, V. v., & Carter, C. S. (2002). The timing of action-monitoring processes in the anterior cingulate cortex. *Journal of Cognitive Neuroscience*, 14(4), 593-602.

Venkatraman, V., Dimoka, A., Pavlou, P. A., Vo, K., Hampton, W., Bollinger, B., . . . Winer, R. S. (2015). Predicting Advertising Success Beyond Traditional Measures: New Insights from Neurophysiological Methods and Market Response Modeling. *Journal of Marketing Research*, 52(4), 436-452.

doi:doi:10.1509/jmr.13.0593

Verghese, P., Kim, Y. J., & Wade, A. R. (2012). Attention selects informative neural populations in human V1. *J Neurosci*, 32(46), 16379-16390.
doi:10.1523/JNEUROSCI.1174-12.2012

Versace, F., Robinson, J., Lam, C. Y., Minnix, J. A., Brown, V. L., Carter, B. L., . . . Cinciripini, P. M. (2010). Cigarette cues capture smokers' attention: Evidence from event-related potentials. *Psychophysiology*, 47, 435-441.
doi:10.1111/j.1469-8986.2009.00946.x

Vilhelmsen, K., van der Weel, R., & van der Meer, A. (2015). *Development of Optic Flow Perception in Infants: A High-Density EEG Study of Speed and Direction*. Paper presented at the Studies in Perception and Action XIII: Eighteenth International Conference on Perception and Action.

Virji-Babul, N., Hilderman, C. G. E., Makan, N., Liu, A., Smith-Forrester, J., Franks, C., & Wang, Z. J. (2014). Changes in Functional Brain Networks following Sports-Related Concussion in Adolescents. *Journal of Neurotrauma*, 31(23), 1914-1919.
doi:10.1089/neu.2014.3450

Vogel, M., Monesson, A., & Scott, L. S. (2012). Building biases in infancy: the influence of race on face and voice emotion matching. *Dev Sci*, 15(3), 359-372.
doi:10.1111/j.1467-7687.2012.01138.x

Voisin, J. I. A., Mercier, C., Jackson, P., Richards, C. L., & Malouin, F. (2011). Is somatosensory excitability more affected by the perspective or modality content of motor imagery? *Neuroscience letters*, 493, 33-37.
doi:10.1016/j.neulet.2011.02.015

Voisin, J. I. A., Rodrigues, E. C., Hétu, S., Jackson, P. L., Vargas, C. D., Malouin, F., . . . Mercier, C. (2011). Modulation of the response to a somatosensory stimulation of the hand during the observation of manual actions. *Experimental Brain Research*, 208(1), 1-19. doi:10.1007/s00221-010-2448-3

von Leupoldt, A., Keil, A., & Davenport, P. W. (2011). Respiratory-related evoked potential measurements using high-density electroencephalography. *Clinical Neurophysiology*, 122, 815-818. doi:10.1016/j.clinph.2010.10.031

Vuillier, L., Whitebread, D., & Szucs, D. (2015). ERP evidence of cognitive strategy change in motivational conditions with varying level of difficulty. *Neuropsychologia*, 70, 126-133.

Vyazovskiy, V. V., Riedner, B. A., Cirelli, C., & Tononi, G. (2007). Sleep homeostasis

and cortical synchronization: II. A local field potential study of sleep slow waves in the rat. *Sleep*, 30(12), 1631-1642.

Wacker, J., Dillon, D., & Pizzagalli, D. A. (2009). The role of the nucleus accumbens and rostral anterior cingulate cortex in anhedonia: integration of resting EEG, fMRI, and volumetric techniques. *NeuroImage*, 46(1), 327-337.
doi:10.1016/j.neuroimage.2009.01.058

Wagner, J. B., Hirsch, S. B., Vogel-Farley, V. K., Redcay, E., & Nelson, C. A. (2013). Eye-tracking, autonomic, and electrophysiological correlates of emotional face processing in adolescents with autism spectrum disorder. *J Autism Dev Disord*, 43(1), 188-199. doi:10.1007/s10803-012-1565-1

Wagner, M., Shafer, V. L., Martin, B., & Steinschneider, M. (2012). The phonotactic influence on the perception of a consonant cluster /pt/ by native English and native Polish listeners: a behavioral and event related potential (ERP) study. *Brain Lang*, 123(1), 30-41. doi:10.1016/j.bandl.2012.06.002

Wagner, M., Shafer, V. L., Martin, B., & Steinschneider, M. (2013). The effect of native-language experience on the sensory-obligatory components, the P1-N1-P2 and the T-complex. *Brain Res*, 1522, 31-37. doi:10.1016/j.brainres.2013.04.045

Walker, S., O'Connor, D. B., & Schaefer, A. (2011). Brain potentials to emotional pictures are modulated by alexithymia during emotion regulation. *Cognitive, Affective, & Behavioral Neuroscience*, 11, 463-475. doi:10.3758/s13415-011-0042-1

Wang, F., Huang, J., Lv, Y., Ma, X., Yang, B., Wang, E., . . . Song, Y. (2015). Predicting perceptual learning from higher-order cortical processing. *NeuroImage*.

Wang, F., Zhong, X., Huang, J., Ding, Y., & Song, Y. (2013). Comparison of perceptual learning of real and virtual line orientations: an event-related potential study. *Vision Res*, 93, 1-9. doi:10.1016/j.visres.2013.10.004

Wang, J., Brown, R., Dobkins, K. R., McDowell, J. E., & Clementz, B. A. (2009). Diminished Parietal Cortex Activity Associated with Poor Motion Direction Discrimination Performance in Schizophrenia. *Cerebral Cortex*, 20(7), 1749-1755. doi:10.1093/cercor/bhp243

Wang, J., Clementz, B. A., & Keil, A. (2007). The neural correlates of feature-based selective attention when viewing spatially and temporally overlapping images. *Neuropsychologia*, 45, 1393-1399. doi:10.1016/j.neuropsychologia.2006.10.019

Wang, J., Dobkins, K. R., McDowell, J. E., & Clementz, B. A. (2012). Neural response to

the second stimulus associated with poor speed discrimination performance in schizophrenia. *Psychophysiology*, 49, 198-206. doi:10.1111/j.1469-8986.2011.01302

Wang, J., & Han, W. (2014). The impact of perceived quality on online buying decisions: an event-related potentials perspective. *NeuroReport*, 25(14), 1091-1098. doi:10.1097/wnr.0000000000000233

Wang, J., & Wade, A. R. (2011). Differential attentional modulation of cortical responses to S-cone and luminance stimuli. *Journal of Vision*, 11(6), 1-15. doi:10.1167/11.6.1

Wang, J., Yi, M., Zhang, C., Bian, Z., Wan, Y., Chen, R., & Li, X. (2015). Cortical activities of heat-sensitization responses in suspended moxibustion: an EEG source analysis with sLORETA. *Cognitive Neurodynamics*, 1-8.

Wang, J., & Zhao, M. (2015). *Differential effects of service content on event-related potentials in buying decision*. Paper presented at the Service Systems and Service Management (ICSSSM), 2015 12th International Conference on.

Wang, R., Perreau-Guimaraes, M., Carvalhaes, C., & Suppes, P. (2012). Using phase to recognize English phonemes and their distinctive features in the brain. *Proc Natl Acad Sci U S A*, 109(50), 20685-20690. doi:10.1073/pnas.1217500109

Wang, X., Zhang, H., Zhang, X., Sun, X., & Zhang, T. (2015). Assessing consciousness with auditory event-related potential during coma recovery: a case study. *NeuroReport*, 26(2), 50.

Wang, Z., Xu, P., Liu, T., Tian, Y., Lei, X., & Yao, D. (2014). Robust removal of ocular artifacts by combining Independent Component Analysis and system identification. *Biomedical Signal Processing and Control*, 10, 250-259. doi:10.1016/j.bspc.2013.10.006

Wass, S. V. (2014). Comparing methods for measuring peak look duration: are individual differences observed on screen-based tasks also found in more ecologically valid contexts? *Infant Behav Dev*, 37(3), 315-325. doi:10.1016/j.infbeh.2014.04.007

Waters, A. C., & Tucker, D. M. (2013). Positive and negative affect in adolescent self-evaluation: psychometric information in single trials used to generate dimension-specific ERPs and neural source models. *Psychophysiology*, 50(6), 538-549. doi:10.1111/psyp.12035

Waters, R., Gordon, R., Shivers, C., Key, S., & Yoder, P. (2013). Toward understanding

syntactic processing and phonological awareness in specific language impairment. *Young Scientist*, 3(May 2013).

Waxer, M., & Morton, J. B. (2011). Multiple Processes Underlying Dimensional Change Card Sort Performance: A Developmental Electrophysiological Investigation. *Journal of Cognitive Neuroscience*, 23(11), 3267-3279.

Waxer, M., & Morton, J. B. (2011). The Development of Future-Oriented Control: An Electrophysiological Investigation. *NeuroImage*, 56, 1648-1654.
doi:10.1016/j.neuroimage.2011.02.001

Weast-Knapp, J. A., Malone, M., & Abney, D. H. (2015). *Studies in Perception and Action XIII: Eighteenth International Conference on Perception and Action: Psychology Press*.

Webb, S. J., Jones, E. J. H., Merkle, K., Venema, K., Greenson, J., Murias, M., & Dawson, G. (2011). Developmental Change in the ERP Responses to Familiar Faces in Toddlers With Autism Spectrum Disorders Versus Typical Development. *Child Development*, 82(6), 1868-1886. doi:10.1111/j.1467-8624.2011.01656

Webb, S. J., Merkle, K., Murias, M., Richards, T., Aylward, E., & Dawson, G. (2009). ERP responses differentiate inverted but not upright face processing in adults with ASD. *SCAN*, 1-10. doi:10.1093/scan/nsp002

Webb, S. J., Merkle, K., Murias, M., Richards, T., Aylward, E., & Dawson, G. (2012). ERP responses differentiate inverted but not upright face processing in adults with ASD. *Soc Cogn Affect Neurosci*, 7(5), 578-587. doi:10.1093/scan/nsp002

Weel, R. v. d., & Meer, A. L. H. v. d. (2009). Temporal dynamics of travelling theta wave activity in infants responding to visual looming. *Nature Precedings*, 1-14.

Weidemann, C. T., Mollison, M. V., & Kahana, M. J. (2009). Electrophysiological correlates of high-level perception during spatial navigation. *Psychonomic Bulletin & Review*, 16(2), 313-319. doi:10.3758/PBR.16.2.313

Weisman, O., Feldman, R., & Goldstein, A. (2011). Parental and romantic attachment shapes brain processing of infant cues. *Biological Psychology*, IN PRESS.
doi:10.1016/j.biopsych.2011.11.008

Weissflog, M., Choma, B. L., Dywan, J., van Noordt, S. J., & Segalowitz, S. J. (2013). The political (and physiological) divide: Political orientation, performance monitoring, and the anterior cingulate response. *Soc Neurosci*, 8(5), 434-447.
doi:10.1080/17470919.2013.833549

Wen, D., Bian, Z., Li, Q., Wang, L., Lu, C., & Li, X. (2015). Resting-state EEG Coupling Analysis of Amnestic Mild Cognitive Impairment with Type 2 Diabetes Mellitus by Using Permutation Conditional Mutual Information. *Clinical Neurophysiology*. doi:10.1016/j.clinph.2015.05.016

Weymar, M., Bradley, M. M., El-Hinnawi, N., & Lang, P. J. (2013). Explicit and Spontaneous Retrieval of Emotional Scenes: Electrophysiological Correlates. *Emotion*. doi:10.1037/a0033109

Weymar, M., Bradley, M. M., Hamm, A. O., & Lang, P. J. (2013). When fear forms memories: threat of shock and brain potentials during encoding and recognition. *Cortex*, 49(3), 819-826. doi:10.1016/j.cortex.2012.02.012

Weymar, M., Bradley, M. M., Hamm, A. O., & Lang, P. J. (2014). Encoding and reinstatement of threat: recognition potentials. *Neurobiol Learn Mem*, 107, 87-92. doi:10.1016/j.nlm.2013.11.005

Weymar, M., Gerdes, A. B., Low, A., Alpers, G. W., & Hamm, A. O. (2013). Specific fear modulates attentional selectivity during visual search: electrophysiological insights from the N2pc. *Psychophysiology*, 50(2), 139-148. doi:10.1111/psyp.12008

Weymar, M., Keil, A., & Hamm, A. O. (2013). Timing the fearful Brain: unspecific hypervigilance and spatial attention in early visual perception. *Social Cognitive and Affective Neuroscience*, advance access.

Weymar, M., Low, A., & Hamm, A. O. (2010). Emotional memories are resilient to time: Evidence from the parietal ERP old/new effect. *Human Brain Mapping*, 1-9. doi:10.1002/hbm.21051

Weymar, M., Löw, A., Modess, C., Engel, G., Grundling, M., Petersmann, A., . . . Hamm, A. O. (2010). Propranolol selectively blocks the enhanced parietal old/new effect during long-term recollection of unpleasant pictures: A high density ERP study. *NeuroImage*, 49, 2800-2806. doi:10.1016/j.neuroimage.2009.10.025

Weymar, M., Löw, A., Öhman, A., & Hamm, A. O. (2011). The face is more than its parts-Brain dynamics of enhanced spatial attention to schematic threat. *NeuroImage*, 58, 946-954. doi:10.1016/j.neuroimage.2011.06.061

Weymar, M., Schwabe, L., Löw, A., & Hamm, A. O. (2012). Stress Sensitizes the Brain: Increased Processing of Unpleasant Pictures after Exposure to Acute Stress. *Journal of Cognitive Neuroscience*, 24(7), 1511–1518.

White, L. O., Wu, J., Borelli, J., Rutherford, H. J. V., David, D. H., Kim-Cohen, J., . . .

Crowley, M. J. (2012). Attachment dismissal predicts frontal slow-wave ERPs during rejection by unfamiliar peers. *Emotion*, 1-12. doi:10.1037/a0026750

White, L. O., Wu, J., Borelli, J. L., Rutherford, H. J., David, D. H., Kim-Cohen, J., . . . Crowley, M. J. (2012). Attachment dismissal predicts frontal slow-wave ERPs during rejection by unfamiliar peers. *Emotion*, 12(4), 690-700. doi:10.1037/a0026750

White, N. C., Fawcett, J. M., & Newman, A. J. (2013). Electrophysiological markers of biological motion and human form recognition. *NeuroImage*. doi:10.1016/j.neuroimage.2013.09.026

White, N. C., Fawcett, J. M., & Newman, A. J. (2014). Electrophysiological markers of biological motion and human form recognition. *NeuroImage*, 84(0), 854-867. doi:<http://dx.doi.org/10.1016/j.neuroimage.2013.09.026>

Whitten, T. A., Hughes, A., Dickson, C. T., & Caplan, J. B. (2010). A better oscillation detection method robustly extracts EEG rhythms across brain state changes: The human alpha rhythm as a test case. *NeuroImage*, 54, 860-874. doi:10.1016/j.neuroimage.2010.08.064

Wieser, M. J., Flaisch, T., & Pauli, P. (2014). Raised middle-finger: electrocortical correlates of social conditioning with nonverbal affective gestures. *PloS one*, 9(7), e102937. doi:10.1371/journal.pone.0102937

Wieser, M. J., Gerdes, A. B., Bungel, I., Schwarz, K. A., Muhlberger, A., & Pauli, P. (2014). Not so harmless anymore: How context impacts the perception and electrocortical processing of neutral faces. *NeuroImage*, 92C, 74-82. doi:10.1016/j.neuroimage.2014.01.022

Wieser, M. J., & Keil, A. (2011). Temporal Trade-Off Effects in Sustained Attention: Dynamics in Visual Cortex Predict the Target Detection Performance during Distraction. *The Journal of Neuroscience*, 31(21), 7784-7790. doi:10.1523/JNEUROSCI.5632-10.2011

Wieser, M. J., & Keil, A. (2014). Fearful faces heighten the cortical representation of contextual threat. *NeuroImage*, 86, 317-325. doi:10.1016/j.neuroimage.2013.10.008

Wieser, M. J., McTeague, L. M., & Keil, A. (2011). Sustained preferential processing of social threat cues: Bias without competition? *Journal of Cognitive Neuroscience*, 23(8), 1973-1986. doi:10.1162/jocn.2010.21566

Wieser, M. J., McTeague, L. M., & Keil, A. (2012). Competition effects of threatening

faces in social anxiety. *Emotion*, 12(5), 1050-1060. doi:10.1037/a0027069

Wieser, M. J., Miskovic, V., Rausch, S., & Keil, A. (2014). Different time course of visuocortical signal changes to fear-conditioned faces with direct or averted gaze: A ssVEP study with single-trial analysis. *Neuropsychologia*, 62(0), 101-110. doi:<http://dx.doi.org/10.1016/j.neuropsychologia.2014.07.009>

Wieser, M. J., Miskovic, V., Rausch, S., & Keil, A. (in press). Different time course of visuocortical signal changes to fear-conditioned faces with direct or averted gaze: a ssVEP study with single-trial analysis. *Neuropsychologia*. doi:10.1016/j.neuropsychologia.2014.07.009i

Wijnen, B. F., de Kinderen, R. J., Colon, A. J., Dirksen, C. D., Essers, B. A., Hiligsmann, M., . . . Evers, S. M. (2014). Eliciting patients' preferences for epilepsy diagnostics: a discrete choice experiment. *Epilepsy Behav*, 31, 102-109. doi:10.1016/j.yebeh.2013.11.029

Wilhelm, I., Kurth, S., Ringli, M., Mounthon, A. L., Buchmann, A., Geiger, A., . . . Huber, R. (2014). Sleep slow-wave activity reveals developmental changes in experience-dependent plasticity. *J Neurosci*, 34(37), 12568-12575. doi:10.1523/JNEUROSCI.0962-14.2014

Williams, I. A., Tarullo, A. R., Grieve, P. G., Wilpers, A., Vignola, E. F., Myers, M. M., & Fifer, W. P. (2012). Fetal cerebrovascular resistance and neonatal EEG predict 18-month neurodevelopmental outcome in infants with congenital heart disease. *Ultrasound in Obstetrics & Gynecology*, 40(3), 304-309. doi:10.1002/uog.11144

Williams, S. T., Conte, M. M., Goldfine, A. M., Noirhomme, Q., Gosseries, O., Thonnard, M., . . . Schiff, N. D. (2013). Common resting brain dynamics indicate a possible mechanism underlying zolpidem response in severe brain injury. *eLife*, 2, e01157. doi:10.7554/eLife.01157.001

10.7554/eLife.01157.002

Wirkner, J., Low, A., Hamm, A. O., & Weymar, M. (in press). New learning following reactivation in the human brain: targeting emotional memories through rapid serial visual presentation. *Neurobiol Learn Mem*, 119, 63-68. doi:10.1016/j.nlm.2015.01.006

Wirkner, J., Weymar, M., Löw, A., & Hamm, A. O. (2013). Effects of Pre-Encoding Stress on Brain Correlates Associated with the Long-Term Memory for Emotional Scenes. *PloS one*, 8(9), e68212. doi:10.1371/journal.pone.0068212.t001

Woltering, S., Bazargani, N., & Liu, Z. X. (2013). Eye blink correction: a test on the

preservation of common ERP components using a regression based technique.
PeerJ, 1, e76. doi:10.7717/peerj.76

Woltering, S., Granic, I., Lamm, C., & Lewis, M. D. (2011). Neural Changes Associated with Treatment Outcome in Children with Externalizing Problems. *Biological Psychiatry*, 70, 873-879. doi:10.1016/j.biopsych.2011.05.029

Woltering, S., Jung, J., Liu, Z., & Tannock, R. (2012). Resting state EEG oscillatory power differences in ADHD college students and their peers. *Behav Brain Funct*, 8, 60. doi:10.1186/1744-9081-8-60

Woltering, S., Liu, Z., Rokeach, A., & Tannock, R. (2013). Neurophysiological differences in inhibitory control between adults with ADHD and their peers. *Neuropsychologia*, 51(10), 1888-1895.
doi:10.1016/j.neuropsychologia.2013.06.023

Wong, T. K. W., Fung, P. C. W., McAlonan, G. M., & Chua, S. E. (2009). Spatiotemporal dipole source localization of face processing ERPs in adolescents: a preliminary study. *Behavioral and Brain Functions*, 5(16), 1-12. doi:10.1186/1744-9081-5-16

Wood, S. M., Potts, G. F., Hall, J. F., Ulanday, J. B., & Netsiri, C. (2006). Event-related potentials to auditory and visual selective attention in schizophrenia. *International Journal of Psychophysiology*, 60, 67-75. doi:10.1016/j.ijpsycho.2005.05.005

Wood, S. M., Potts, G. F., Martin, L. E., Kothmann, D., Hall, J. F., & Ulanday, J. B. (2007). Disruption of auditory and visual attention in schizophrenia. *Psychiatry Research: Neuroimaging*, 156, 105-116. doi:10.1016/j.pscychresns.2007.04.014

Woosu, C., Jongin, K., & Boreom, L. (2015, 12-14 Jan. 2015). *EEG classification of word perception using common spatial pattern filter*. Paper presented at the Brain-Computer Interface (BCI), 2015 3rd International Winter Conference on.

Wu, J., Quinlan, E. B., Dodakian, L., McKenzie, A., Kathuria, N., Zhou, R. J., . . . Srinivasan, R. (2015). Connectivity measures are robust biomarkers of cortical function and plasticity after stroke. *Brain*, 138(8), 2359-2369.

Wu, J., Quinlan, E. B., Dodakian, L., McKenzie, A., Kathuria, N., Zhou, R. J., . . . Cramer, S. C. (2015). Connectivity measures are robust biomarkers of cortical function and plasticity after stroke. *Brain*. doi:10.1093/brain/awv156

Wu, J., Srinivasan, R., Kaur, A., & Cramer, S. C. (2014). Resting-state cortical connectivity predicts motor skill acquisition. *NeuroImage*, 91, 84-90.
doi:10.1016/j.neuroimage.2014.01.026

- Wu, Z. (2014). Studying modulation on simultaneously activated SSVEP neural networks by a cognitive task. *J Biol Phys*, 40(1), 55-70. doi:10.1007/s10867-013-9335-7
- Wu, Z. (2014). SSVEP extraction based on the similarity of background EEG. *PloS one*, 9(4), e93884. doi:10.1371/journal.pone.0093884
- Wu, Z., & Yao, D. (2007). The influence of cognitive tasks on different frequencies steady-state visual evoked potentials. *Brain Topography*, 20, 97-104. doi:10.1007/s10548-007-0035-0
- Wu, Z., & Yao, D. (2008). Frequency detection with stability coefficient for steady-state visual evoked potential (SSVEP)-based BCIs. *Journal of Neural Engineering*, 5, 36-43. doi:10.1088/1741-2560/5/1/004
- Xi, J., Zhang, L., Shu, H., Zhang, Y., & Li, P. (2010). Categorical perception of lexical tones in Chinese revealed by mismatch negativity. *Neuroscience*, 170, 223-231. doi:10.1016/j.neuroscience.2010.06.077
- Xia, H., Ruan, D., & Cohen, M. S. (2014). Separation and reconstruction of BCG and EEG signals during continuous EEG and fMRI recordings. *Frontiers in Neuroscience*, 8, 163. doi:10.3389/fnins.2014.00163
- Xia, H., Ruan, D., & Cohen, M. S. (2014). Removing ballistocardiogram (BCG) artifact from full-scalp EEG acquired inside the MR scanner with Orthogonal Matching Pursuit (OMP). *Front Neurosci*, 8, 218. doi:10.3389/fnins.2014.00218
- Xiao, B., & Wade, A. R. (2010). Measurements of long-range suppression in human opponent S-cone and achromatic luminance channels. *Journal of Vision*, 10(13), 1-19. doi:10.1167/10.13.10
- Xiao, R., & Ding, L. (2013). Evaluation of EEG features in decoding individual finger movements from one hand. *Comput Math Methods Med*, 2013, 243257. doi:10.1155/2013/243257
- Xu, P., Yang, P., Lei, X., & Yao, D. (2011). An Enhanced Probabilistic LDA for Multi-Class Brain Computer Interface. *PloS one*, 6(1), e14634. doi:10.1371/journal.pone.0014634
- Xu, P., & Yao, D. (2006). A novel method based on realistic head model for EEG denoising. *Computer methods and programs in biomedicine*, 83(2), 104-110. doi:10.1016/j.cmpb.2006.06.002
- Yadon, C. A., Bugg, J. M., Kisley, M. A., & Davalos, D. B. (2009). P50 sensory gating is

related to performance on select tasks of cognitive inhibition. *Cognitive, Affective, & Behavioral Neuroscience*, 9(4), 448-458. doi:10.3758/CABN.9.4.448

Yamada, E., Ogata, K., Kishimoto, J., Tanaka, M., Urakawa, T., Yamasaki, T., & Tobimatsu, S. (2015). Neural substrates of species-dependent visual processing of faces: use of morphed faces. *Physiological Reports*, 3(5), e12387.

Yamada, M., Lamm, C., & Decety, J. (2011). Pleasing frowns, disappointing smiles: An ERP investigation of counterempathy. *Emotion*, 11(6), 1336-1345. doi:10.1037/a0023854

Yamaguchi, S., & Kobayashi, S. (2000). Cerebral asymmetry of the "top-down" allocation of attention to global and local features. *Journal of Neuroscience*, 20(9), 72.

Yamasaki, T., Fujita, T., Ogata, K., Goto, Y., Munetsuna, S., Kamio, Y., & Tobimatsu, S. (2011). Electrophysiological evidence for selective impairment of optic flow perception in autism spectrum disorder. *Research in Autism Spectrum Disorders*, 5(1), 400-407. doi:10.1016/j.rasd.2010.06.002

Yamazaki, M., Terrill, M., Fujimoto, A., Yamamoto, T., & Tucker, D. M. (2012). Integrating dense array EEG in the presurgical evaluation of temporal lobe epilepsy. *ISRN Neurol*, 2012, 924081. doi:10.5402/2012/924081

Yamazaki, M., Tucker, D. M., Fujimoto, A., Yamazoe, T., Okanishi, T., Yokota, T., . . . Yamamoto, T. (2012). Comparison of dense array EEG with simultaneous intracranial EEG for Interictal spike detection and localization. *Epilepsy Research*, 98(2-3), 166-173. doi:10.1016/j.eplepsyres.2011.09.007

Yamazaki, M., Tucker, D. M., Terrill, M., Fujimoto, A., & Yamamoto, T. (2013). Dense array EEG source estimation in neocortical epilepsy. *Front Neurol*, 4, 42. doi:10.3389/fneur.2013.00042

Yang, C. L., Perfetti, C. A., & Liu, Y. (2010). Sentence integration processes: An ERP study of Chinese sentence comprehension with relative clauses. *Brain and Language*, 112, 85-100. doi:10.1016/j.bandl.2009.10.005

Yang, C. L., Perfetti, C. A., & Schmalhofer, F. (2007). Event-related potential indicators of text integration across sentence boundaries. *Learning*, 33(1), 55-89. doi:10.1037/0278-7393.33.1.55

Yang, H., Xiong, H., Yu, R., Wang, C., Zheng, Y., & Zhang, X. (2013). The Characteristic and Changes of the Event-Related Potentials (ERP) and Brain Topographic Maps before and after Treatment with rTMS in Subjective Tinnitus

Patients. *PloS one*, 8(8), e70831. doi:10.1371/journal.pone.0070831

Yang, L., Zhang, J., & Zhao, X. (2015). Implicit processing of heroin and emotional cues in abstinent heroin users: early and late event-related potential effects. *The American Journal of Drug and Alcohol Abuse*, 41(3), 237-245.

Yang, Q. (2008). Bio-signal Analysis in Fatigue and Cancer Related Fatigue: Weakening of Corticomuscular Functional Coupling. *Cleveland State University*, 1-101.

Yang, Q., Fang, Y., Sun, C., Siemionow, V., Ranganathan, V. K., Khoshknabi, D., . . . Yue, G. H. (2009). Weakening of functional corticomuscular coupling during muscle fatigue. *Brain Research*, 1250, 101-112.
doi:10.1016/j.brainres.2008.10.074

Yoder, K. J., & Decety, J. (2014). Spatiotemporal neural dynamics of moral judgment: a high-density ERP study. *Neuropsychologia*, 60, 39-45.
doi:10.1016/j.neuropsychologia.2014.05.022

Yoder, P. J., Camarata, S., Camarata, M., & Williams, S. M. (2006). Association between differentiated processing of syllables and comprehension of grammatical morphology in children with Down syndrome. *American Journal on Mental Retardation*, 111(2), 138-152.

Yokota, Y., Minami, T., Naruse, Y., & Nakauchi, S. (2014). Neural processes in pseudo perceptual rivalry: an ERP and time-frequency approach. *Neuroscience*, 271, 35-44. doi:10.1016/j.neuroscience.2014.04.015

Yoncheva, Y., Maurer, U., Zevin, J. D., & McCandliss, B. D. (2014). Selective attention to phonology dynamically modulates initial encoding of auditory words within the left hemisphere. *NeuroImage*, 97, 262-270.
doi:10.1016/j.neuroimage.2014.04.006

Yoncheva, Y. N., Maurer, U., Zevin, J. D., & McCandliss, B. D. (2013). Effects of rhyme and spelling patterns on auditory word ERPs depend on selective attention to phonology. *Brain Lang*, 124(3), 238-243. doi:10.1016/j.bandl.2012.12.013

Yoncheva, Y. N., Wise, J., & McCandliss, B. (2015). Hemispheric specialization for visual words is shaped by attention to sublexical units during initial learning. *Brain and Language*, 145, 23-33.

Yong, X., & Menon, C. (2015). EEG classification of different imaginary movements within the same limb. *PloS one*, 10(4), e0121896.
doi:10.1371/journal.pone.0121896

- Yoo, K. H., Cannon, E. N., Thorpe, S. G., & Fox, N. A. (2015). Desynchronization in EEG during perception of means-end actions and relations with infants' grasping skill. *British Journal of Developmental Psychology*.
- Yrttiaho, S., Forssman, L., Kaatiala, J., & Leppanen, J. M. (2014). Developmental precursors of social brain networks: the emergence of attentional and cortical sensitivity to facial expressions in 5 to 7 months old infants. *PloS one*, 9(6), e100811. doi:10.1371/journal.pone.0100811
- Yu, C. K.-C. (2014). Toward 100% dream retrieval by rapid-eye-movement sleep awakening: A high-density electroencephalographic study. *Dreaming*, 24(1), 1-17. doi:10.1037/a0035792
- Yu, C. K.-C. (2015). A high-density electroencephalographic study of synchronous networks during rapid-eye-movement sleep. *Dreaming*, 25(1), 1.
- Yun, K., Watanabe, K., & Shimojo, S. (2012). Interpersonal body and neural synchronization as a marker of implicit social interaction. *Sci Rep*, 2, 959. doi:10.1038/srep00959
- Zakrzewska, M. Z., & Brzezicka, A. (2014). Working memory capacity as a moderator of load-related frontal midline theta variability in Sternberg task. *Front Hum Neurosci*, 8, 399. doi:10.3389/fnhum.2014.00399
- Zapała, D., Zabielska-Mendyk, E., Cudo, A., Krzysztofiak, A., Augustynowicz, P., & Francuz, P. (2014). Short-Term Kinesthetic Training for Sensorimotor Rhythms: Effects in Experts and Amateurs. *Journal of Motor Behavior*, 47(4), 312-318. doi:10.1080/00222895.2014.982067
- Zarkowski, P., Esparza, B., & Russo, J. (2007). Validation of a Rational Malingering Test Using Evoked Potentials. *Journal of Clinical Neurophysiology*, 24(5), 413-418.
- Zevin, J. D., Datta, H., Maurer, U., Rosania, K. A., & McCandliss, B. D. (2010). Native Language Experience Influences the Topography of the Mismatch Negativity to Speech. *Frontiers in Human Neuroscience*, 4(212), 1-12. doi:10.3389/fnhum.2010.00212
- Zhang, H., Jiang, L., Gu, J., & Yang, Y. (2013). Electrophysiological insights into the processing of figurative two-part allegorical sayings. *Journal of Neurolinguistics*, 26(4), 421-439. doi:10.1016/j.jneuroling.2013.01.004
- Zhang, H., Yang, Y., Gu, J., & Ji, F. (2013). ERP correlates of compositionality in

Chinese idiom comprehension. *Journal of Neurolinguistics*, 26(1), 89-112.
doi:10.1016/j.jneuroling.2012.05.002

Zhang, L., Xi, J., Wu, H., Shu, H., & Li, P. (2012). Electrophysiological evidence of categorical perception of Chinese lexical tones in attentive condition. *NeuroReport*, 23(1), 35-39. doi:10.1097/WNR.0b013e32834e4842

Zhang, R., Hu, Z., Roberson, D., Zhang, L., Li, H., & Liu, Q. (2013). Neuronal processes underlying the "same"- "different" judgment of two simultaneously presented objects — an EEG study. *PLoS one*, 8(12), e81737.
doi:10.1371/journal.pone.0081737.g001

Zhang, T., Sha, W., Zheng, X., Ouyang, H., & Li, H. (2009). Inhibiting one's own knowledge in false belief reasoning: An ERP study. *Neuroscience letters*, 467(3), 194-198. doi:10.1016/j.neulet.2009.10.009

Zhang, Y., Xu, P., Huang, Y., Cheng, K., & Yao, D. (2013). SSVEP response is related to functional brain network topology entrained by the flickering stimulus. *PLoS one*, 8(9), e72654. doi:10.1371/journal.pone.0072654.g001

Zhang, Z. G., Hung, Y. S., & Chan, S. C. (2011). Local Polynomial Modeling of Time-Varying Autoregressive Models With Application to Time–Frequency Analysis of Event-Related EEG. *IEEE Transactions on Biomedical Engineering*, 58(3), 557-566. doi:10.1109/TBME.2010.2089686

Zhao, D., Liang, S., Jin, Z., & Li, L. (2014). Effect of task set-modulating attentional capture depends on the distractor cost in visual search: evidence from N2pc. *NeuroReport*, 25(10), 737-742. doi:10.1097/wnr.0000000000000163

Zhao, G., Liu, Q., Zhang, Y., Jiao, J., Zhang, Q., Sun, H., & Li, H. (2011). The amplitude of N2pc reflects the physical disparity between target item and distractors. *Neuroscience letters*, 491, 68-72. doi:10.1016/j.neulet.2010.12.066

Zheng, H., Minett, J., Peng, G., & Wang, W. S.-Y. (2012). The impact of tone systems on the categorical perception of lexical tones: An event-related potentials study. *Language and Cognitive Processes*, 27(2), 184-209.
doi:10.1080/01690965.2010.520493

Zheng, X., Mondloch, C. J., Nishimura, M., Vida, M. D., & Segalowitz, S. J. (2011). Telling one face from another: Electrocortical correlates of facial characteristics among individual female faces. *Neuropsychologia*, 49, 3254-3264.
doi:10.1016/j.neuropsychologia.2011.07.030

Zheng, X., Mondloch, C. J., & Segalowitz, S. J. (2012). The timing of individual face

recognition in the brain. *Neuropsychologia*, IN PRESS.
doi:10.1016/j.neuropsychologia.2012.02.030

Zheng, X., & Segalowitz, S. J. (2013). Putting a face in its place: in- and out-group membership alters the N170 response. *Soc Cogn Affect Neurosci.*
doi:10.1093/scan/nst069

Zhou, A., Li, S., Herbert, C., Xia, R., Xu, K., Xu, Q., . . . Ren, D. (2013). Perspective taking modulates positivity bias in self-appraisals: behavioral and event-related potential evidence. *Soc Neurosci*, 8(4), 326-333.
doi:10.1080/17470919.2013.807873

Zhou, A., Shi, Z., Zhang, P., Liu, P., Han, W., Wu, H., . . . Xia, R. (2010). An ERP study on the effect of self-relevant possessive pronoun. *Neuroscience letters*, 480, 162-166. doi:10.1016/j.neulet.2010.06.033

Zhou, L., & Thomas, R. D. (2015). Principal component analysis of the memory load effect in a change detection task. *Vision Research*, 110, 1-6.

Zhou, X., Booth, J., Lu, J., Zhao, H., Butterworth, B., Chen, C., & Dong, Q. (2011). Age-Independent and Age-Dependent Neural Substrate for Single-Digit Multiplication and Addition Arithmetic Problems. *Developmental Neuropsychology*, 36(3), 338-352. doi:10.1080/87565641.2010.549873

Zimmermann, R., Gschwandtner, U., Hatz, F., Schindler, C., Bousleiman, H., Ahmed, S., . . . Fuhr, P. (2015). Correlation of EEG Slowing with Cognitive Domains in Nondemented Patients with Parkinson's Disease. *Dementia and Geriatric Cognitive Disorders*, 39(3-4), 207-214.

Zobel, B. H., Freyman, R. L., & Sanders, L. D. (2015). Attention is critical for spatial auditory object formation. *Attention, Perception, & Psychophysics*, 77(6), 1998-2010. Retrieved from <http://link.springer.com/article/10.3758/s13414-015-0907-4>