References

- 1. Fries, P. (2005). A mechanism for cognitive dynamics: Neuronal communication through neuronal coherence. *Trends in Cognitive Sciences*, *9*(10), 474–480. https://doi.org/10.1016/j.tics.2005.08.011
- 2. O'Neill, G. C., Tewarie, P. K., Colclough, G. L., Gascoyne, L. E., Hunt, B. A. E., Morris, P. G., Woolrich, M. W., & Brookes, M. J. (2017). Measurement of dynamic task related functional networks using MEG. *NeuroImage*, *146*, 667–678. https://doi.org/10.1016/j.neuroimage.2016.08.061
- Gauvreau, S., Lefebvre, J., Bells, S., Laughlin, S., Bouffet, E., & Mabbott, D. J. (2019). Disrupted network connectivity in pediatric brain tumor survivors is a signature of injury. *Journal of Comparative Neurology*, 527(17), 2896–2909. https://doi.org/10.1002/cne.24717
- 4. Gonzalez-Castillo, J., & Bandettini, P. A. (2018). Task-based dynamic functional connectivity: Recent findings and open questions. *NeuroImage*, *180*, 526–533. https://doi.org/10.1016/j.neuroimage.2017.08.006
- Naro, A., Bramanti, A., Leo, A., Cacciola, A., Manuli, A., Bramanti, P., & Calabrò, R. S. (2018). Shedding new light on disorders of consciousness diagnosis: The dynamic functional connectivity. *Cortex*, 103, 316–328. https://doi.org/10.1016/j.cortex.2018.03.029
- 6. Chaieb, L., Leszczynski, M., Axmacher, N., Höhne, M., Elger, C. E., & Fell, J. (2015). Theta-gamma phase-phase coupling during working memory maintenance in the human hippocampus. *Cognitive Neuroscience*, *6*(4), 149–157. https://doi.org/10.1080/17588928.2015.1058254
- Siebenhühner, F., Wang, S. H., Palva, J. M., & Palva, S. (2016). Cross-frequency synchronization connects networks of fast and slow oscillations during visual working memory maintenance. *eLife*, 5, e13451. https://doi.org/10.7554/eLife.13451
- 8. Oostenveld, R., Fries, P., Maris, E., & Schoffelen, J.-M. (2010). FieldTrip: Open Source Software for Advanced Analysis of MEG, EEG, and Invasive Electrophysiological Data. *Computational Intelligence and Neuroscience*, 2011, e156869. https://doi.org/10.1155/2011/156869
- 9. Vinck, M., Oostenveld, R., van Wingerden, M., Battaglia, F., & Pennartz, C. M. A. (2011). An improved index of phase-synchronization for electrophysiological data in the presence of volume-conduction, noise and sample-size bias. *NeuroImage*, 55(4), 1548–1565. https://doi.org/10.1016/j.neuroimage.2011.01.055

- 10. Hülsemann, M. J., Naumann, E., & Rasch, B. (2019). Quantification of Phase-Amplitude Coupling in Neuronal Oscillations: Comparison of Phase-Locking Value, Mean Vector Length, Modulation Index, and Generalized-Linear-Modeling-Cross-Frequency-Coupling. *Frontiers in Neuroscience*, 13. https://doi.org/10.3389/fnins.2019.00573
- 11. Decker, A. (2021). Filling the gaps: How attentional states influence memory formation in children and adults [Unpublished doctoral dissertation]. University of Toronto.
- 12. Kravitz, D. J., Saleem, K. S., Baker, C. I., Ungerleider, L. G., & Mishkin, M. (2013). The ventral visual pathway: An expanded neural framework for the processing of object quality. *Trends in Cognitive Sciences*, *17*(1), 26–49. https://doi.org/10.1016/j.tics.2012.10.011
- 13. Grill-Spector, K., Kourtzi, Z., & Kanwisher, N. (2001). The lateral occipital complex and its role in object recognition. *Vision Research*, *41*(10), 1409–1422. https://doi.org/10.1016/S0042-6989(01)00073-6
- 14. Pagnotta, M. F., Pascucci, D., & Plomp, G. (2020). Nested oscillations and brain connectivity during sequential stages of feature-based attention. *NeuroImage*, 223, 117354. https://doi.org/10.1016/j.neuroimage.2020.117354
- 14. Gutteling, T., Sillekens, L., Lavie, N., & Jensen, O. (2022). Alpha oscillations reflect suppression of distractors with increased perceptual load. *Progress in Neurobiology*, 214, 102285. https://doi.org/10.1101/2021.04.13.439637
- 15. Buffalo, E. A., Fries, P., Landman, R., Buschman, T. J., & Desimone, R. (2011). Laminar differences in gamma and alpha coherence in the ventral stream. *Proceedings of the National Academy of Sciences*, *108*(27), 11262–11267. https://doi.org/10.1073/pnas.1011284108
- 16. Kahlbrock, N., Butz, M., May, E. S., & Schnitzler, A. (2012). Sustained gamma band synchronization in early visual areas reflects the level of selective attention. *NeuroImage*, *59*(1), 673–681. https://doi.org/10.1016/j.neuroimage.2011.07.017
- 17. Kahlbrock, N., Butz, M., May, E. S., & Schnitzler, A. (2012). Sustained gamma band synchronization in early visual areas reflects the level of selective attention. *NeuroImage*, *59*(1), 673–681. https://doi.org/10.1016/j.neuroimage.2011.07.017