

Selected Publications

- Berger, B.***, Griesmayr, B.*, Minarik, T., Biel, A.L., Pinal, D., Sterr, A., & Sauseng, P. (2019). Dynamic regulation of interregional cortical communication by slow brain oscillations during working memory. *Nature Communications*.
- Berger, B.***, Minarik, T.*, Griesmayr, B., Stelzig-Schoeler, R., Aichhorn, W., & Sauseng, P. (2016). Brain oscillatory correlates of altered executive functioning in positive and negative symptomatic schizophrenia patients and healthy controls. *Frontiers in Psychology*, 7.
- Minarik, T.*, **Berger, B.***, (...) & Sauseng, P. (2016). The importance of sample size for reproducibility of tDCS effects. *Frontiers in Human Neuroscience*, 10.
- Berger, B.**, Omer, S., Sterr, A., & Sauseng, P. (2015). Interacting memory systems – does EEG alpha activity respond to semantic long-term memory access in a working memory task? *Biology*, 4, 1-16.
- Berger, B.**, Minarik, T., Liuzzi, G., Hummel, F. C., & Sauseng, P. (2014). EEG oscillatory phase dependent markers of corticospinal excitability in the resting brain. *BioMed Research Interational*, 2014:936096.
- Friedrich, E.V.C., **Berger, B.**, Minarik, T., Schmid, D., Paylo, C., & Sauseng, P. (2019). No enhancing effect of fronto-medial tDCS on working memory processes. *Journal of Cognitive Enhancement*.
- Minarik, T., **Berger, B.**, & Sauseng, P. (2018). The involvement of alpha oscillations in voluntary attention directed towards encoding episodic memories. *NeuroImage*, 66, 307-316.
- Miller, J., **Berger, B.**, & Sauseng, P. (2015). Anodal transcranial direct current stimulation (tDCS) increases frontal-midline theta activity in the human EEG. *Neuroscience Letters*, 588, 114-119.
- Minarik, T., Sauseng, P., Dunne, L., **Berger, B.**, & Sterr, A. (2015). Effects of anodal transcranial direct current stimulation on visually guided learning of grip force control. *Biology*, 4, 173-186.
- Griesmayr, B., **Berger, B.**, Stelzig-Schoeler, R., Aichhorn, W., Bergmann, W., & Sauseng, P. (2014). EEG theta phase coupling during executive control of visual working memory investigated in individuals with schizophrenia and in healthy controls. *Cognitive, Affective and Behavioural Neuroscience*, 13, 1340-1355.

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