

Publications

- Hiew, S., Roothans, J., Eldebakey, H., Volkmann, J., Zeller, D. & Reich, M. (2023) Imaging the spin: Disentangling the core processes underlying mental rotation by network mapping of data from meta-analysis. *Neuroscience and Biobehavioral Reviews* 150187.
- Hiew, S., Eibeck, L., Nguemeni, C., & Zeller, D. (2023). The influence of age and physical activity on locomotor adaptation. *Brain sciences*, 13(9), 1266.
- Odorfer, T., Yabe, M., Hiew, S., Volkmann, J. & Zeller, D. (2023). Topological differences and confounders of mental rotation in cervical dystonia and blepharospasm. *Scientific Reports*.
- Hiew, S., Nguemeni, C., & Zeller, D. (2022). Efficacy of transcranial direct current stimulation in people with multiple sclerosis: a review. *European Journal of Neurology*, 29(2), 648-664.
- Nguemeni, C., Hiew, S., Kögler, S., Homola, G. A., Volkmann, J., & Zeller, D. (2022). Split-Belt Training but Not Cerebellar Anodal tDCS Improves Stability Control and Reduces Risk of Fall in Patients with Multiple Sclerosis. *Brain sciences*, 12(1), 63.
- Nguemeni, C., Stiehl, A., Hiew, S., & Zeller, D. (2021). No Impact of Cerebellar Anodal Transcranial Direct Current Stimulation at Three Different Timings on Motor Learning in a Sequential Finger-Tapping Task. *Frontiers in Human Neuroscience*.

Conference Abstracts

- Hiew, S., Eldebakey, H., Roothans, J., Volkmann, J., Reich, M., & Zeller, D. (2023). P-49 Causal involvement of dorsal premotor and superior parietal nodes in mental rotation: A combined approach by network mapping and TMS. *Clinical Neurophysiology*, 148, e30-e31.
- Hiew, S., Eibeck, L., Nguemeni, C., & Zeller, D. (2023). P-50 Post-training effects in locomotor adaptation are associated with the amount of physical activity in older adults. *Clinical Neurophysiology*, 148, e31.
- Hiew, S., Roothans, J., Eldebakey, H., Zeller, D., & Reich, M. M. (2022). TH-181. Imaging the Spin: The network underlying mental rotation. *Clinical Neurophysiology*, 141, S138-S139.
- Nguemeni, C., Hiew, S., Kögler, S., Homola, G., Volkmann, J., & Zeller, D. (2022). P 36 Split-belt training but not cerebellar anodal tDCS improves stability control and reduces risk of fall in patients with Multiple Sclerosis. *Clinical Neurophysiology*, 137, e35-e36.
- Kögler, S., Hiew, S., Nguemeni, C., Pham, M., Volkmann, J., & Zeller, D. (2022). FV 11 Physical activity at youth is associated with the strength of connectivity in subcortical locomotor and motor networks: A resting-state fMRI study. *Clinical Neurophysiology*, 137, e7.