

2015 – 2019 Publications

1. **Di Rosa, E.**, Brigadoi, S., Cutini, S., Tarantino, V., Dell'Acqua, R., Mapelli, D. & Vallesi, A. (2019). Reward motivation and neurostimulation interact to improve working memory performance in healthy older adults: A simultaneous tDCS-fNIRS study. *NeuroImage*, 116062
2. Masina, F., Vallesi, A., **Di Rosa, E.**, Semenzato, L., & Mapelli, D. (2018). Possible role of dorsolateral prefrontal cortex in error awareness: single-pulse TMS evidence. *Frontiers in neuroscience*, 12, 179
3. Masina, F., **Di Rosa, E.**, & Mapelli, D. (2018). Intra-individual variability of error awareness and post-error slowing in three different age-groups. *Frontiers in Psychology*, 9, 902
4. **Di Rosa, E.**, Bardi, L., Umiltà, C., Masina, F., Forgiione, M., & Mapelli, D. (2017). Transcranial direct current stimulation (tDCS) reveals a dissociation between SNARC and MARC effects: implication for the polarity correspondence account. *Cortex*, 93, 68–78
5. **Di Rosa, E.**, Mapelli, D., Arcara, G., Amodio, P., Tamburin, S., & Schiff, S. (2017). Aging and risky decision-making: New ERP evidence from the Iowa Gambling Task. *Neuroscience Letters*, 640, 93-98
6. **Di Rosa, E.**, Pischedda, D., Cherubini, P., Mapelli, D., Tamburin, S., & Burigo, M. (2016). Working memory in healthy aging and in Parkinson's disease: evidence of interference effects. *Aging, Neuropsychology, and Cognition*, 1-18
7. **Di Rosa, E.**, Schiff, S., Cagnolati, F., & Mapelli, D. (2015). Motivation–cognition interaction: how feedback processing changes in healthy ageing and in Parkinson's disease. *Aging clinical and experimental research*, 1-10
8. **Di Rosa, E.**, Sorarù, G., Kleinbub, J. R., Calvo, V., Vallesi, A., Querin, G., ... & Palmieri, A. (2015). Theory of mind, empathy and neuropsychological functioning in X-linked Spinal and Bulbar Muscular Atrophy: a controlled study of 20 patients. *Journal of Neurology*, 262(2), 394-401
9. Tamburin, S., Maier, A., Schiff, S., Lauriola, M.F., **Di Rosa, E.**, Zanette, G., and Mapelli, D. (2014). Cognition and emotional decision-making in chronic low back pain: an ERPs study during Iowa gambling task. *Frontiers in Psychology: Decision Neuroscience*, 5

Open Datasets

1. Etzel, J., Yee, D., Lamichhane, B., Jeffers, M., **Di Rosa, E.**, Crawford, J., An, H., Braver, T. (2018). Multiband Acquisition Dataset
Website: <https://openneuro.org/datasets/ds001399/versions/00002>

Book Chapters

1. **Di Rosa, E.** & Mapelli, D. (2017). Nuove prospettive sull'invecchiamento: fattori protettivi del declino cognitivo. In Bisiacchi, P. & Vallesi, A. (Eds.), *Il cervello al lavoro. Nuove prospettive in neuropsicologia* (pp. 171-184). Bologna: Il Mulino