

Publikationen

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Allgemeine Psychologie und
Neurokognitive Psychologie

Preprints

- Sicorello M., Zaehringer J., Paschke L., Steimke R., **Stelzel C.**, Gianaros P.J., LaBar K.S., Graner J.L., Kim S.H., Wessa M., Sandner M., Weinmar F., Derntl B., Kraynak T.E., Huneke N.T.M., Fagan H., Kohn N., Fernández G., Yan L., Marín-Morales A., ..., Morawetz C. (2025). The elusive neural signature of emotion regulation capabilities: evidence from a large-scale consortium. bioRxiv. <https://doi.org/10.1101/2025.08.18.670843>
- Kontaxi, S., Kuchinke, L., Stürmer, B., & **Stelzel, C.** (2024). Self-Determination: Effects of Motivational and Affective Processing on Attentional Resource Allocation. Authorea. <https://doi.org/10.22541/au.172888403.34830546/v1> (Preprint)

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Erst/Letztautorenschaften

- Mueckstein, M., Hilger, K., Heinzl, S., Granacher, U., Rapp, M. A., & **Stelzel, C.** (in press). Network Neuroscience of Human Multitasking: Local Connections Matter. *Human Brain Mapping*. <https://doi.org/10.1002/hbm.70434>
- Mueckstein, M., Görgen, K., Heinzl, S., Granacher, U., Rapp, M. A., & **Stelzel, C.** (2025). Multitasking practice eliminates modality-based interference by separating task representations in sensory brain regions. *The Journal of Neuroscience*, 45(4), e0755242024. <https://doi.org/10.1523/jneurosci.0755-24.2024>
- Mueckstein, M.; Heinzl, S.; Granacher, U.; Brahms, M.; Rapp, M.A. & **Stelzel, C.** (2022). Modality-specific effects of mental fatigue in multitasking. *Acta Psychologica*, 230. <https://doi.org/10.1016/j.actpsy.2022.103766>
- Brahms, M.; Heinzl, S.; Rapp, M.; Mueckstein, M.; Hortobágyi, T.; **Stelzel, C.*** & Granacher, U.* (2022). The acute effects of mental fatigue on balance performance in healthy young and older adults – A systematic review and meta-analysis. *Acta Psychologica*, 225. doi: 10.1016/j.actpsy.2022.103540. * shared senior authorship
- Müller, C. J., Classe, F., Stürmer, B., Kuchinke, L., & **Stelzel, C.** (2021). Neurocognitive effects of self-determined choice and emotional arousal on time estimation. *Advances in Cognitive Psychology*, 17(2), 161-175. <https://doi.org/10.5709/acp-0326-2>
- Brahms, M., Heinzl, S., Rapp, M., Reisner, V., Wahmkow, G., Rimpel, J., Schauenburg, G., **Stelzel, C.***, & Granacher, U*. (2021). Cognitive-Postural Multitasking Training in Older Adults – Effects of Input- Output Modality Mappings on Cognitive Performance and Postural Control. *Journal of Cognition*, X(X): X, pp. 1–25. DOI: <https://doi.org/10.5334/joc.146> *shared senior authorship
- Bruening, J., Ludwig, V. U., Paschke, L. M., Walter, H., & **Stelzel, C.** (2018). Motivational effects on the processing of delayed intentions in the anterior prefrontal cortex. *Neuroimage*, 172, 517-526. doi: 10.1016/j.neuroimage.2018.01.083
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- Bohle, H., Rimpel, J., Schauenburg, G., Gebel, A., **Stelzel, C.**, Heinzl, S., Rapp, M., & Granacher, U. (2019). Behavioral and Neural Correlates of Cognitive-Motor Interference during Multitasking in Young and Old Adults. *Neural Plast*, 2019, 9478656. doi:10.1155/2019/9478656
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