

Publikationen

Erst/Letztautorenschaften

- 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>
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- Brahms, M.; Heinzl, S.; Rapp, M; Mückstein, 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
- Stelzel, C., Bohle, H., Schauenburg, G., Walter, H., Granacher, U., Rapp, M. A., & Heinzl, S. (2018). Contribution of the Lateral Prefrontal Cortex to Cognitive-Postural Multitasking. *Frontiers in psychology*, 9, 1075. doi: 10.3389/fpsyg.2018.01075
- Stelzel, C*, Schauenburg, G*, Rapp, M. A., Heinzl, S., & Granacher, U. (2017). Age-Related Interference between the Selection of Input-Output Modality Mappings and Postural Control-a Pilot Study. *Front Psychol*, 8, 613. doi: 10.3389/fpsyg.2017.00613 *equal contribution
- Paschke, L. M., Dorfel, D., Steimke, R., Trempler, I., Magrabi, A., Ludwig, V. U., Schubert, T., Stelzel, C*, Walter, H.* (2016). Individual differences in self-reported self-control predict successful emotion regulation. *Soc Cogn Affect Neurosci*, 11(8), 1193-1204. doi: 10.1093/scan/nsw036 *shared senior authorship
- Sekutowicz, M., Schmack, K., Steimke, R., Paschke, L., Sterzer, P., Walter, H., & Stelzel, C.. (2016). Striatal activation as a neural link between cognitive and perceptual flexibility. *Neuroimage*, 141, 393-398. doi: 10.1016/j.neuroimage.2016.07.046
- Heinzl, S., Lorenz, R. C., Pelz, P., Heinz, A., Walter, H., Kathmann, N., Rapp, M.A.* , Stelzel, C.*(2016). Neural correlates of training and transfer effects in working memory in older adults. *NeuroImage*, 134, 236-249. *shared senior authorship
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Koautorenschaften

- Montag C., Solms, M., Stelzel, C., and Davis, KL. (2022) The future of the Affective Neuroscience Personality Scales: A reflection on seven pressing matters. *Personality Neuroscience*. Vol 5: e10, 1–6. doi: 10.1017/ pen.2022.2
- Gebel, A., Busch, A., Stelzel, C., Hortobágyi, T. and Granacher, U. (2022). Effects of Physical and Mental Fatigue on Postural Sway and Cortical Activity in Healthy Young Adults. *Front. Hum. Neurosci.* 16:871930. doi: 10.3389/fn-hum.2022.871930
- Bohle, H., Rimpel, J., Schauenburg, G., Gebel, A., Stelzel, C., Heinzel, 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
- Steimke, R., Nomi, J. S., Calhoun, V. D., Stelzel, C., Paschke, L. M., Gaschler, R., Goschke, T., Walter, H., Uddin, L. Q. (2017). Saliency network dynamics underlying successful resistance of temptation. *Soc Cogn Affect Neurosci*, 12(12), 1928-1939. doi: 10.1093/scan/nsx123.
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- Soutschek, A., Stelzel, C., Paschke, L., Walter, H., & Schubert, T. (2014). Dissociable Effects of Motivation and Expectancy on Conflict Processing: An fMRI Study. *J Cogn Neurosci*, 27(2), 409-423. Ludwig, V. U., Stelzel, C., Krutiak, H., Magrabi, A., Steimke, R., Paschke, L. M., . . . Walter, H. (2014). The suggestible brain: posthypnotic effects on value-based decision-making. *Soc Cogn Affect Neurosci*, 9(9), 1281-1288.
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