

**Publikationen - Erst/Letztautorenschaften**

- Müller, C. J., Classe, F., Stürmer, B., Kuchinke, L., & Stelzel, C. (2021). Neuro-cognitive 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., Heinzel, 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., & Heinzel, 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., Heinzel, 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
- Heinzel, 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
- Paschke, L.M.\*, Walter, H.\*, Steimke, R., Ludwig, V.U., Gaschler, R., Schubert, T., & Stelzel, C. (2015). Motivation by potential gains and losses affects control processes via different mechanisms in the attentional network. *NeuroImage*, 11, 549-561. \*shared first authorship
- Stelzel, C., Fiebach, C. J., Cools, R., Tafazoli, S., & D’Esposito, M. (2013). Dissociable fronto-striatal effects of dopamine D2 receptor stimulation on cognitive versus motor flexibility. *Cortex*, 49(10), 2799-2811.
- Stelzel, C., & Schubert, T. (2011). Interference effects of stimulus-response modality pairings in dual tasks and their robustness. *Psychological Research*, 75(6), 476-490.
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- Stelzel, C., Schumacher, E. H., Schubert, T., & D'Esposito, M. (2006). The neural effect of stimulus-response modality compatibility on dual-task performance: an fMRI study. *Psychological Research*, 70(6), 514-525. Impact Factor: 2.3

## Koautorenschaften

- 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
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- Wiers, C.E., Stelzel, C., Gladwin, T.E, Park, S.Q, Pawelczack, S. Steffen, ..., Walter, H.\* , Bermpohl, F.\* (2015). Effects of Cognitive Bias Modification-Training on Neural Alcohol Cue Reactivity in Alcohol-Dependence. *Am J Psychiatry*, 172(4), 335-343. \*shared senior authorship.
- Wiers, C. E., Stelzel, C., Park, S. Q., Gawron, C. K., Ludwig, V. U., Gutwinski, S., . . . , Walter, H.\* , Bermpohl, F. (2014). Neural Correlates of Alcohol-Approach Bias in Alcohol Addiction: the Spirit is Willing but the Flesh is Weak for Spirits. *Neuro- psychopharmacology* 39(3), 688-697. \*shared senior authorship.
- 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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- Montag, C., Markett, S., Basten, U., Stelzel, C., Fiebach, C., Canli, T., et al. (2010). Epistasis of the DRD2/ANKK1 Taq 1a and the BDNF Val66Met polymorphism impacts novelty seeking and harm avoidance. *Neuropsychopharmacology*, 35(9), 1860-1867. Impact Factor: 6.7
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