

Publications (peer-reviewed)

- Brod, G., Hasselhorn, M., & Bunge, S. A. (in press). When generating a prediction boosts learning: The element of surprise. *Learning and Instruction*.
- Brod, G. & Shing, Y. L. (in press). Specifying the role of the ventromedial prefrontal cortex in memory formation. *Neuropsychologia*.
- Brod, G., Bunge, S. A., & Shing, Y. L. (2017). Does one year of schooling improve children's cognitive control and alter associated brain activation? *Psychological Science*, 28, 967–978.
- Brod, G., Lindenberger, U., & Shing, Y. L. (2017). Neural activation patterns during retrieval of schema-related memories: Differences and commonalities between children and adults. *Developmental Science*, 20(6), e12475
- Brod, G., Lindenberger, U., Wagner, A. D., & Shing, Y. L. (2016). Knowledge acquisition during exam preparation improves memory and modulates memory formation. *The Journal of Neuroscience*, 36(31), 8103-8111.
- Shing, Y. L., & Brod, G. (2016). Effects of prior knowledge on memory: Implications for education. *Mind, Brain, and Education*, 10(3), 153–161.
- Brod, G., Lindenberger, U., Werkle-Bergner, M., & Shing, Y. L. (2015). Differences in the neural signature of remembering schema-congruent and schema-incongruent events. *NeuroImage*, 117, 358–366.
- Dahl, S., Huron, D., Brod, G., & Altenmüller, E. (2014). Preferred Dance Tempo: Does sex or body morphology influence how we groove? *Journal of New Music Research*, 43(2):214–223.
- Brod, G., Werkle-Bergner, M., & Shing, Y. L. (2013). The influence of prior knowledge on memory: A developmental cognitive neuroscience perspective. *Frontiers in Behavioral Neuroscience*, 7:139.
- Brod, G. & Opitz, B. (2012). Does it really matter? Separating the effects of musical training on syntax acquisition. *Frontiers in Psychology*, 3:543.
- Charras, P., Brod, G., & Lupianez, J. (2012). Is 26+26 smaller than 24+28? Estimating the approximate magnitude of repeated vs. different numbers. *Attention, Perception & Psychophysics*, 74(1), 163–173.

Publications (not peer-reviewed)

- Brod, G., Shing, Y.L., Werkle-Bergner, M., & Lindenberger, U. (2013). Die Entwicklung des episodischen Gedächtnisses: Einsichten aus der Lebensspannenpsychologie. Jahrbuch der Max-Planck-Gesellschaft