

## List of Publications B. Rasch (February 2022)

### TOTAL

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112 peer reviewed articles, 15 as first, 49 as last/corresponding author; 4 Books; 3 Book Chapters  
h-Index 45 / 32; citations 11819 / 5206 (*Google Scholar* / *publons*); Average citations per article: 43.0 (*publons*)

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### PEER-REVIEWED ARTICLES

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2021

- Combertaldi SL., Ort A., Cordi M., Fahr A., [Rasch B.](#) (2021). Pre-sleep social media use does not strongly disturb sleep: a sleep laboratory study in healthy young participants. *Sleep Med.* 2021 Nov 20;87:191-202.
- Cordi MJ., [Rasch B.](#) (2021). No evidence for intra-individual correlations between sleep-mediated declarative memory consolidation and slow-wave sleep. *Sleep.* 2021 Aug 13;44(8):zsab034.
- Beck J., Cordi MJ., [Rasch B.](#) (2021). Hypnotic Suggestions Increase Slow-Wave Parameters but Decrease Slow-Wave Spindle Coupling. *Nat Sci Sleep.* 2021 Aug;6;13:1383-1393.
- Hülsemann MJ., [Rasch B.](#) (2021). Embodiment of sleep-related words: Evidence from event-related potentials. *Psychophysiology.* 2021 Aug;58(8):e13824.
- Gvozdanovic G., Seifritz E., Stämpfli P., Canna A., [Rasch B.](#), Esposito F. (2021); Experimental trauma rapidly modifies functional connectivity. *Brain Imaging Behav.* 2021 Aug;15(4):2017-2030.
- Dimanico MM., Klaassen AL., Wang J., Kaeser M., Harvey M., [Rasch B.](#), Rainer G. (2021). Aspects of tree shrew consolidated sleep structure resemble human sleep. *Commun Biol.* 2021 Jun 11;4(1):722.
- Beck J., Loretz E., [Rasch B.](#) (2021). Exposure to relaxing words during sleep promotes slow-wave sleep and subjective sleep quality. *Sleep.* 2021 Nov 11:zsab148.
- Cordi MJ., [Rasch B.](#) (2021). How robust are sleep-mediated memory benefits? *Curr Opin Neurobiol.* 2021 Apr; 67:1-7.

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- Erlacher D., Schmid D., Schuler S., [Rasch B.](#) (2020). Inducing lucid dreams by olfactory-cued reactivation of reality testing during early-morning sleep: A proof of concept. *Conscious Cogn.* 2020 Aug; 83:102975.
- [Rasch B.](#) (2020). Sleep and Plasticity: Do We Consolidate Memories Separately in Each Hemisphere? *Curr Biol.* 2020 Apr 20;30(8):R349-R351.
- Muehlroth BE., [Rasch B.](#), Werkle-Bergner M. (2020). Episodic memory consolidation during sleep in healthy aging. *Sleep Med Rev.* 2020 Aug;52:101304.
- Wilhelm I., Schreiner T., Beck J., [Rasch B.](#) (2020). No effect of targeted memory reactivation during sleep on retention of vocabulary in adolescents. *Sci Rep.* 2020 Mar 6;10(1):4255.
- Cordi MJ., Rossier L., [Rasch B.](#) (2020). Hypnotic suggestions given before nighttime sleep extend slow-wave sleep as compared to a control text in highly hypnotizable subjects. *Int J Clin Exp Hypn.* 2020 Jan-Mar; 68(1):105-129.
- Muehlroth BE., Sander MC., Fandakova Y., Grandy TH., [Rasch B.](#), Lee Shing Y., Werkle-Bergner M. (2020). Memory quality modulates the effect of aging on memory consolidation during sleep: Reduced maintenance but intact gain. *Neuroimage.* 2020 Apr 1; 209:116490.

2019

- Hülsemann MJ., Naumann E., [Rasch B.](#) (2019). Quantification of Phase-Amplitude Coupling in Neuronal Oscillations: Comparison of Phase-Locking Value, Mean Vector Length, Modulation Index, and Generalized-Linear-Modeling-Cross-Frequency-Coupling. *Front Neurosci.* 2019 Jun 7;13:573.
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#### EDITORIALS / BOOKS / CHAPTERS

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#### DISSERTATION

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