



## **PUBLICATIONS (selected)**

- Xu, L., Wang, B. and **Guo, W\***. (2022) The Effect of Task Difficulty and Self-Contribution on Fairness Consideration: An Event-Related Potential Study. *Front. Psychol.* 13:709310. doi: 10.3389/fpsyg.2022.709310 (IF: 2.99)
- Guo, W.**, Wang, B., Smoter, M., & Yan, J. (2021). Effects of Open-Skill Exercises on Cognition on Community Dwelling Older Adults: Protocol of a Randomized Controlled Trial. *Brain Sciences*, 11(5). doi:10.3390/brainsci11050609 (IF: 3.11)
- Guo, W.**, Zang, M., Klich, S., Kawczynski, A., Smoter, M., & Wang, B. (2020). Effect of Combined Physical and Cognitive Interventions on Executive Functions in Older Adults: A Meta-Analysis of Outcomes. *Int J Environ Res Public Health*, 17(17). doi:10.3390/ijerph17176166 (IF: 2.14)
- Wang, B., & **Guo, W\***. (2020). Exercise mode and attentional networks in older adults: a cross-sectional study. *Peerj*, 8, e8364. doi:10.7717/peerj.8364 (IF: 2.86)
- Zhu, H., Chen, A., **Guo, W.**, Zhu, F., & Wang, B\*. (2020). Which type of exercise is more beneficial for cognitive function? A meta-analysis of the effects of open-skill exercise versus closed-skill exercise among children, adults, and elderly populations. *Applied Sciences*, 10(8), 2737. (IF: 2.68)
- Ji, Q., Wang, Y., **Guo, W.**, & Zhou, C. (2017). Contribution of underlying processes to improved visuospatial working memory associated with physical activity. *Peerj*, 5, e3430. doi:10.7717/peerj.3430 (IF: 2.86)
- Wang, B. Y., **Guo, W.**, & Zhou, C. L. (2016). Selective enhancement of attentional networks in college table tennis athletes: a preliminary investigation. *Peerj*, 4.. doi:ARTN e276210.7717/peerj.2762 (IF: 2.86)
- Ren, J., **Guo, W.**, Yan, J. H., Liu, G. M., & Jia, F. J. (2016). Practice and Nap Schedules Modulate Children's Motor Learning. *Developmental Psychobiology*, 58(1), 107-119. doi:10.1002/dev.21380 (IF: 2.12)
- Guo, W.**, Wang, B. Y., Lu, Y., Zhu, Q., Shi, Z. H., & Ren, J. (2016). The relationship between different exercise modes and visuospatial working memory in older adults: a cross-sectional study. *Peerj*, 4. (IF: 2.86)
- Guo, W.**, Ren, J., Wang, B. Y., & Zhu, Q. (2015). Effects of Relaxing Music on Mental Fatigue Induced by a Continuous Performance Task: Behavioral and ERPs Evidence. *Plos One*, 10(8). (IF: 3.1)

## **RESEARCH INTEREST**

- Physical activity for mental health
- Open-skill exercise and cognitive aging
- Social psychology in Sports