

Curriculum Vitae

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RESEARCH INTEREST

- Sport Cognition
- Voluntary action and perception
- Motor Learning and Control

PROFESSIONAL EXPERIENCE

- 2021-current Associated professor
College of Physical Education, Yangzhou University
- 2017-2021 Lecturer
College of Physical Education, Yangzhou University

EDUCATION

- 2014 - 2017 Shanghai University of Sport, China, PhD in Psychology
- 2011 -2014 Shanghai University of Sport, China, Master's degree of Kinesiology
- 2004- 2008 Shanghai Jiao Tong University, China, Bachelor in Biotechnology

MEMBERSHIP IN SCIENTIFIC ORGANIZATIONS

- Member of Exercise and health Committee, Chinese Gerontology Society
- Member of Sports Psychology Committee, Chinese Psychological Society

GRANTS

1. National Social Science Foundation of China, Research on the transformation from theory to practice of sports application in drug rehabilitation, 2021-2024, research director.
2. National Social Science Foundation of Jiangsu Province, Research on the evaluation system and service system construction of sports application in drug rehabilitation, 2018-2022, research director.

PUBLICATIONS

- 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), 609.
- Jin, X., Lu, Y., Hatfield, B. D., Wang, X., **Wang, B.**, & Zhou, C. (2021). Ballroom dancers exhibit a dispositional need for arousal and elevated cerebral cortical activity during preferred melodic recall. *PeerJ*, 9, e10658.
- Guo, W., Zang, M., Klich, S., Kawczyński, A., Smoter, M., & **Wang, B***. (2020). Effect of combined physical and cognitive interventions on executive functions in older adults: a meta-analysis of outcomes. *International journal of environmental research and public health*, 17(17), 6166.
- 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.
- Peng, Y., Zhu, Q., **Wang, B.**, & Ren, J. (2020). A cross-sectional study on interference control: age affects reactive control but not proactive control. *PeerJ*, 8, e8365.
- Klich, S., **Wang, B.**, Chen, A., Yan, J., & Kawczyński, A. (2020). Preventative Taping in Futsal: An Exploratory Analysis of Low-Dye Taping on Planter Force Distribution and Pain Sensitivity. *Applied Sciences*, 10(2), 540.
- Wang, B.**, & Guo, W. (2020). Exercise mode and attentional networks in older adults: a cross-sectional study. *PeerJ*, 8, e8364.
- Xu, C., Lu, Y., **Wang, B.**, & Zhou, C. (2019). Long-term high physical activity modulates event-related potential indices of inhibitory control in postmenopausal women. *PeerJ*, 7, e6523.
- Jin, X., **Wang, B.**, Lv, Y., Lu, Y., Chen, J., & Zhou, C. (2019). Does dance training influence beat sensorimotor synchronization? Differences in finger-tapping sensorimotor synchronization between competitive ballroom dancers and nondancers. *Experimental Brain Research*, 237(3), 743-753.
- Wang, B.**, Guo, W., & Zhou, C. (2016). Selective enhancement of attentional networks in college table tennis athletes: a preliminary investigation. *PeerJ*, 4, e2762.
- Guo, W., **Wang, B.**, Lu, Y., Zhu, Q., Shi, Z., & Ren, J. (2016). The relationship between different exercise modes and visuospatial working memory in older adults: a cross-sectional study. *PeerJ*, 4, e2254.
- Guo, W., Ren, J., **Wang, B.**, & Zhu, Q. (2015). Effects of relaxing music on mental fatigue induced by a continuous performance task: behavioral and ERPs evidence. *PloS one*, 10(8), e0136446.
- Min, L., Yang, R., Wang, X., & **Wang, B.** (2011). Bayesian analysis for genetic architecture of dynamic traits. *Heredity*, 106(1), 124-133.
- Wang, X., Piao, Z., **Wang, B.**, Yang, R., & Luo, Z. (2009). Robust Bayesian mapping of quantitative trait loci using Student-t distribution for residual. *Theoretical and applied genetics*, 118(3), 609-617.