

EDUCATION	Department of Psychology, University of Tuebingen <i>Ph.D. in Cognitive Psychology</i>	Tuebingen, Germany 2021 - 2025 (<i>expected</i>)
	<ul style="list-style-type: none"> • Advisor: Prof. Hans-Christoph Nuerk • Research area: Numerical cognition, math anxiety, educational neuroscience, developmental psychology 	
	Institute of Psychology, Chinese Academy of Sciences <i>M.Sc. in Neurocognitive Psychology</i>	Beijing, China 2016 - 2019
	<ul style="list-style-type: none"> • Advisor: Prof. Li Hu • Research area: Neuroscience, pain perception, analgesia 	
	Department of Psychology, China Women's University <i>B.Sc. in Psychology</i>	Beijing, China 2011 - 2015

- PUBLICATIONS
1. Yao, X., Artemenko, C., He, Y., Nuerk, H.-C. (2025). Arithmetic is not arithmetic: Paradigm matters for arithmetic effects. *Cognition*, 256, 106060.
 2. Yao, X., Huber, J.F., Li, Z., Findik, Y., Nuerk, H.-C., Artemenko, C. The dynamics of state math anxiety vary by paradigm and timing during arithmetic. (submitted)
 3. Wang, J., Yao, X., Ji, Y., Li, H. (2024). Cognitive potency and safety of tDCS treatment for major depressive disorder: a systemic review and meta-analysis. *Frontiers in Human Neuroscience*, 18, 1458295.
 4. Loenneker, H.D., Cipora K., Artemenko, C., ..., Yao, X., Nuerk, H.-C., Huber, J.F. (2024). Math4Speed - a freely available measure of arithmetic fluency. *Canadian Journal of Experimental Psychology*, Advance online publication.
 5. Lu, X., Yao, X., Thompson, W.F., Hu, L. (2021). Movement-induced hypoalgesia: Behavioral characteristics and neural mechanisms. *Annals of the New York Academy of Sciences*, 1497(1), 39-56.
 6. Zhou, L., Yao, X., Tang, Z., Ren, Q., Hu, L. (2017). Neural mechanisms of tactile information processing (in Chinese). *Science Technology Review*, 35(19).
 7. Yao, X., Barth, B., Artemenko, C.. Neurocognitive correlates of multi-digit arithmetic: An fNIRS study. (preregistered, in preparation, DOI 10.17605/OSF.IO/EF3AW)
 8. Yao, X., Avcil, M., Nuerk, H.-C., Artemenko, C. Math self-concept increases over lifespan. (preregistered, in preparation)

CONFERENCES AND PRESENTATIONS	Mathematical Cognition and Learning Society Conference, Washington D.C., USA <i>Neurocognitive correlates of multi-digit arithmetic: An fNIRS study. (talk)</i>	2024
	Mathematical Cognition and Learning Society Conference, Loughborough, UK <i>Does the math anxiety-performance link depend on the paradigm? (poster)</i>	2023
	Mathematical Cognition and Learning Society Conference, Antwerp, Belgium <i>Do arithmetic effects depend on the paradigm? (poster)</i>	2022
	The 21th National Academic Congress of Psychology, Beijing, China <i>Temporal and spatial effects of movement-induced analgesia and its cerebral mechanisms (poster)</i>	2018