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Education and Working Experience

2020-now **Professor, PI of the Multimodal Social Neurscience (MSN) Lab**
State Key Laboratory of Cognitive Neuroscience and Learning,
IDG/McGovern Institute for Brain Research, Beijing Normal University, China

2015-2019 **Postdoctoral Research Associate**, (with Dr. Ingrid Olson)
Department of Psychology, Temple University, USA

2013-2015 **NYU Postdoctoral Researcher**, (with Dr. Susanne Quadflieg)
Department of Psychology, New York University, USA

2012 **ESRC Postdoctoral Researcher**, (with Dr. Antonia Hamilton)
School of Psychology, University of Nottingham, United Kingdom

2008-2011 **PhD in Psychology**, (with Dr. Antonia Hamilton)
School of Psychology, University of Nottingham, United Kingdom

2004-2008 **BSc (Hons) Biological Sciences**,
School of Life Sciences, Shanghai University, China

International Activities

Membership of Professional Associations

American Psychological Association (APA), Society for Personality and Social Psychology (SPSP), Society for Neuroscience (SFN), Organization for Human Brain Mapping (OHBM), Social & Affective Neuroscience Society (SANS), Society for Social Neuroscience (S4SN), Cognitive Neuroscience Society (CNS), Chinese Neuroscience Society (CNS), Chinese Psychological Society (CPS), Chinese Society for Cognitive Science (CSCS)

Ad-Hoc Reviewer

Journals: *American Journal of Psychiatry, Acta Psychologica, Autism Research, Biological Psychiatry, Brain Injury, Cerebral Cortex, Child Development, Cognitive Affetive & Behavioral Neuroscience, Communications Biology, Cortex, Culture and Brain, Developmental Science, eLife, Experimental Brain Research, Frontiers in Behavioral Neuroscience, Frontiers in Human Neuroscience, Frontiers in Psychiatry, Frontiers in Psychology, Human Brain Mapping, Nature Human Behavior, Nature Communications, NeuroImage, Neuropsychologia, NeuroReport, PLoS Biology, PLoS One, PNAS, Psychoneuroendocrinology, Psychonomic Bulletin & Review, Review of Philosophy and Psychology, Science Advances, Scientific Reports, Social Cognitive and Affective Neuroscience, Social Influence, Social Neuroscience, 心理学报, 心理科学进展, 心理科学*
Funding agencies: *National Natural Science Foundation of China (NSFC), Social Sciences and Humanities Research Council of Canada (SSHRC)*

Publications in Peer-reviewed English Journals

Google scholar total citation=2300, h-index=20 * indicated as corresponding author

- Chen, G., Song, D., Fu, M., Li, S., Zhang, M., Cui, Z., Xia, M., Sun, L., He, Y., Ting, X., Yu, X., Zang, Y., Zhou, J., Zhang, K., Qin, S., Popal, H., Saygin, Z.M., Osher, D.E., Olson, I.R., Rushworth, M.F.S., & **Wang, Y**.*, (2026) Tripartite functional architecture of the human ventromedial prefrontal cortex, ***Nature Neuroscience***, preprint (https://www.biorxiv.org/content/10.64898/2026.06.18.732791v1)
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- Wang, R., Luo, Y., **Wang, Y.**, Zhang, L., & Wu, H. (2026) Towards naturalistic social neuroscience: A multi-level framework integrating real-world phenotyping, neurobiology, and computational mechanisms. ***Cognitive, Affective, & Behavioral Neuroscience***, doi: 10.3758/s13415-026-01413-5
- Li, S., Wang, H., Chen, G., Cheng, X., Wang, Y., Hu, W., Hamilton, A., Schilbach, Leonhard., Yi, L., Alaerts, K., Zhang, Z., Zuo, X., **Wang, Y.***, & Zang, Y*. (2026) Social functioning in autism: a systematic review and meta-analysis**.** ***Nature Human Behaviour,*** doi: 10.1038/s41562-026-02457-w
- Fu, M., Chen, G., Zhang, Y., Zhang, M., & **Wang, Y*.** (2025) Comprehensive neural representations of naturalistic stimuli through multimodal deep learning. ***eLife***,14:RP107607
- Cheng, X., Popal, H., Wang, H., Hu, R., Zang, Y., Zhang, M., Thornton, M.A., Ma, Y., Cai, H., Bi, Y., Reilly, J., Olson, I.R., & **Wang, Y***. (2025) The conceptual structure of human relationships across modern and historical cultures. ***Nature Human Behaviour***, 9(6):1162-1175.
- Fan, S., Wang, Y., **Wang, Y.***, & Zang, Y.* (2025) Revisiting resting-state functional connectivity of the amygdala and subgenual anterior cingulate cortex in depressed adolescents and adults. ***Biological Psychiatry: Cognitive Neuroscience and Neuroimaging***, 10(7): 759-768
- Luo, S., Yuan, H., **Wang, Y.**, & Bond, M.H. (2024) Culturomics: Taking the cross-scale, interdisciplinary science of culture into the next decade. ***Neuroscience & Biobehavioral Reviews***, 167:105942
- Chang, D., Wang, X., Chen, Y., Han, Z., **Wang, Y.**, Liu, B., Zhang, Z., Zuo, X. (2024) Older is order: entropy reduction in cortical spontaneous activity marks healthy aging. ***BMC Neuroscience***, 25(1):74.
- Olson, I.R., Hoffman, L.J., Jobson, K.R., Popal, H., & **Wang, Y**. (2023) Little brain, little minds: The big role of the cerebellum in social development. ***Developmental Cognitive Neuroscience***, 60:101238
- Metoki, A., **Wang**, Y., & Olson, I.R. (2022) The social cerebellum: a large-scale investigation of functional and structural specificity and connectivity. ***Cerebral Cortex***, 32(5):987-1003
- **Wang, Y.*,** Metoki, A., Xia, Y.M, Zang, Y.Y., Yong, H., & Olson, I.R.* (2021). A Large-Scale Structural and Functional Connectome of Social Mentalizing. ***NeuroImage***, 236:118115
- **Wang, Y.*,** Metoki, A., Smith, D.V., Medaglia, J.D., Zang, Y.Y., Benear, S., Popal, H., Lin, Y., & Olson, I.R.* (2020). Multimodal mapping of the face connectome. ***Nature Human Behaviour***, 4:397-411.
- Asadi, N.*, **Wang, Y.*,** Olson, I.R. & Obradovic, Z. (2020). A heuristic information cluster search approach for precise functional brain mapping. ***Human Brain Mapping***, 41:2263–2280.
- **Wang, Y.,** Schubert, T.W., & Quadflieg, S.* (2019). Behavioral and neural evidence for an evaluative bias against other people's mundane interracial encounters. ***Social Cognitive and Affective***

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- **Wang, Y.***, Metoki, A., Alm, K.H., Olson, I.R.* (2018). White matter pathways and social cognition. ***Neuroscience & Biobehavioral Reviews,*** 90: 350-370.
- **Wang, Y.***, Olson, I.R.* (2018). The original social network: white matter and social cognition. ***Trends in Cognitive Sciences,*** 22(6): 504-516.
- **Wang, Y.***, Collins, J. A., Koski, J., Nugiel, T., Metoki, A., Olson, I.R.* (2017). A dynamic neural architecture for social knowledge retrieval. ***PNAS***, 114(16): E3305–E3314.
- Metoki, A., Alm, K.H., **Wang, Y.**, Ngo, C.T., & Olson, I.R. (2017). Never forget a name: white matter connectivity predicts person memory. ***Brain Structure and Function***. 222:4187-4201.
- Prinsen, J., Bernaerts, S., **Wang, Y.**, de Beukelaar, T.T., Cuypers, K., Swinnen, S.P., & Alaerts, K. (2017). Direct eye contact enhances mirroring of others' movements: A transcranial magnetic stimulation study. ***Neuropsychologia***, 95:111-118.
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- **Wang, Y.,** & Quadflieg, S.* (2015). In our own image? Emotional and neural processing differences when observing human-human versus human-robot interactions. ***Social Cognitive and Affective Neuroscience,*** 10 (11): 1515-1524.
- **Wang, Y.**, Thomas, J., Weissgerber, S. C., Kazemini, S., Ul-Haq, I., & Quadflieg, S.* (2015). The headscarf effect re-visited: further evidence for a culture-based internal face processing advantage. ***Perception,*** 44(3):328–336.
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- **Wang, Y.*,** & Hamilton, A. (2012). Social top-down response modulation (STORM)—a model of the control of mimicry in social interaction. ***Frontiers in Human Neuroscience***, 6:153
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- **Wang, Y.***, Newport, R., & Hamilton, A. (2011). Eye contact enhances mimicry of intransitive hand movements. ***Biology Letters***, 7:7-10.
- Chen, W., Yuan, T.F., **Wang, Y.**, & Ding, J. (2008). Human mirror neuron system and its plasticity. ***Neural Regeneration Research***, 3(3):321-323.

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- Zhao, Z., Chen, W., **Wang, Y.** (2024). Vitality forms and its neural substrates: In search of the 'Missing Jigsaw' of social cognition. ***Chinese Journal of Applied Psychology***. 30(3): 269-280
- Chen, G., Gao, X., Yan, X., Du, M., Zang, Y., **Wang, Y.** (2023). Online research in psychology and its future in China. ***Journal of Psychological Science***. 46(5): 1262-1271
- Zhao, Z., Chen, W., **Wang, Y.** (2019). Current research status on the origin of mirror neuron system in primates and its controversy. ***ACTA Theriologica Sinica***. 39(5): 556-564
- Zhao, Z., Chen, W., **Wang, Y.,** & Li, Y.S. (2017). Can we have direct access to other minds by "motor resonance"? A critical reassessment. ***Chinese Science Bulletin***. 62(1):1-17
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- Chen, W., & **Wang, Y**. (2015). Are Mirror Neurons the "Holy Grail" of Cognitive Science? ***Journal of Psychological Science***. 38(1):237-242.
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- Chen, W., Yuan, T.F., Ding, J., Zhang, J.H., & **Wang, Y.** (2008). Progress in Anatomical Structure of Mirror Neuron System, ***Chinese Journal of Neuroanatomy***, 24(3):219-223.