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EDUCATION & POSITION

PhD Student in Social Psychology – Nanjing University	2024-Present
Supervisor: Dr. Liuna Geng	
Research Assistant – Northeast Normal University	2023-2024
Supervisors: Dr. Xingda Ju and Dr. Chang Lu	
Master of Applied Psychology – Northeast Normal University	2021-2023
Supervisor: Dr. Xingda Ju	
Bachelor of Marketing – Beijing University of Posts and Telecommunications	2018-2021

PUBLICATION

indicates equal contribution

- Hu, B.#** (2026). Why AI detectors could penalize academic writing. *Nature Human Behaviour*, Accepted (World View). (SSCI Q1, IF 2024= 15.9, ABS4)
- Hu, B.#**, Xia, Z.#, Guo, Q., Lu, C., Constantino, S. M.,& Ju, X. (2025). Assessing Nudge Impact: A Comprehensive Second-Order Meta-Analysis. *Journal of Behavioral Decision Making*, 38(5), e70053. (SSCI Q3, IF 2024= 1.4, ABS3)
- Hu, B.**, Lu, C., & Ju, X. (2025). Media Literacy Positively Associates with Health Misinformation Discernment and Inversely with Correction Acceptance. *International Journal of Public Opinion Research*, 37(3), edaf047. (SSCI Q2, IF 2024= 1.3)
- Hu, B.**, Gao, J., Feng, Y., Xia, Z., Wang, K., & Geng, L. (2025). Predicting adolescents' environmental action: From individual to national-level factors using an explainable machine learning approach. *Journal of Environmental Management*, 390, 126398. (SSCI Q1, IF 2024= 8.4, ABS3)
- Hu, B.#**, Wang, C.#, Xia, Z., Lu, C., & Ju, X. (2025). Environmental Education in Low-income and Middle-income Countries: A Systematic Review and Meta-Analysis. *Journal of Environmental Psychology*, 104, 102613. (SSCI Q1, IF 2023= 6.1, ABS3)
- Hu, B.**, Peng, Y., & Wu, Y. (2025). When Perception Shapes Reality: A Large-Scale Study of Mental Health Outcomes in Polluted and Non-Polluted Environments in China. *Journal of Environmental Psychology*, 102, 102557. (SSCI Q1, IF 2023= 6.1, ABS3)
- Hu, B.**, Liu, X., Lu, C., & Ju, X. (2025). Prevalence and intervention strategies of health misinformation among older adults: A meta-analysis. *Journal of Health Psychology*, 30(7), 1427–1443. (SSCI Q2, IF 2023= 2.5)

Ju, X.#, Wu, H.#, **Hu, B.#**, & Lu, C. (2024). Facilitation of vocabulary acquisition by emotional prosody in children with autism. *International Journal of Developmental Disabilities*, First Online. (SSCI Q2, IF 2023= 1.5)

Lu, C.#, **Hu, B.#**, Bao, M., Wang, C., Bi, C., & Ju, X. (2024) Can Media Literacy Intervention Improve Fake News Credibility Assessment? A Meta-Analysis. *Cyberpsychology, Behavior, and Social Networking*, 27(4), 240-252. (SSCI Q1, IF 2022= 6.6)

Lu, C.#, **Hu, B.#**, Li, Q., Bi, C., & Ju, X. (2023). Psychological Inoculation for Credibility Assessment, Sharing Intention, and Discernment of Misinformation: Systematic Review and Meta-Analysis. *Journal of Medical Internet Research*, 25(1), e49255. (SCI Q1, IF 2022= 7.1)

Hu, B., Ju, X., Liu, H., Wu, H., Bi, C., & Lu, C. (2023). Game-based inoculation versus graphic-based inoculation to combat misinformation: A randomized controlled trial. *Cognitive Research: Principles and Implications*, 8(1), 49. (SSCI Q1, IF 2022= 4.1)

PUBLICATION (Collaboration)

Guo, D., Wang, X., Guo, D., & **Hu, B.** (2026). Dataset on Service Access, Socio-Economic Status, and Rehabilitation Needs among Persons with Disabilities in China. *BMC Research Notes*, Online First. (ESCI Q2, IF 2024= 1.7)

Dong, Y., Li, G., **Hu, B.**, & Jiang, Y. (2026). How to Improve Teachers' Noticing Effectively: A Meta-analysis of Teacher Noticing Interventions. *Teaching and Teacher Education*, 172, 105358. (SSCI Q1, IF 2024= 3.9)

Xia, Z., Li, K., Li, J., Gu, Y., **Hu, B.**, Zhong, Y., Ye, J., & Lam, K. (2025). Evaluating Carbon Footprint Calculators for Behavioural Change: A Comprehensive Assessment Framework. *Clean Technologies and Environmental Policy*. 27(9), 3947–3958. (SSCI Q2, IF 2023= 4.2)

Ju, X., Li, X., Guo, Q., Li, J., Bi, C., **Hu, B.**, & Lu, C. (2025). Mental health problems and influencing factors of parent-child separated children: An umbrella review of meta-analysis. *Journal of Affective Disorders*, 379, 481-488. (SSCI Q1, IF 2023= 4.9)

Ju, X., Zhang, P., Li, Q., Bai, Q., **Hu, B.**, Xu, J., & Lu, C. (2025). Peripheral Blood Monocytes as Biomarkers of Neurodevelopmental Disorders: A Systematic Review and Meta-analysis. *Research on Child and Adolescent Psychopathology*, 53(4), 583–595. (SSCI Q1, IF 2023= 2.9)

Ju, X., Liu, H., Xu, J., **Hu, B.**, Jin, Y., & Lu, C. (2024). Effect of Yoga Intervention on Problem Behavior and Motor Coordination in Children with Autism. *Behavioral Sciences*, 14(2), Article 2. (SSCI Q2, IF 2022= 2.6)

CHAPTERS

Hu, B., & Ge, P. (2026). Report of eHealth Literacy in the Yangtze River Delta Region in China. In Electronic Health Literacy: From Theory to Practice (pp. 308–339). Cambridge Scholars Publishing.

WORKING PAPER

Hu, B., Lu, C., & Ju, X. (2025). Misidentification, Not Sharing: Reconnecting Social Media Fatigue with Health Misinformation. OSF. https://doi.org/10.31234/osf.io/6g7q5_v1

Hu, B., & Geng, L. (2024). *Accelerating Systematic Reviews with Large Language Models: Current Practices and Recommendations*. OSF. <https://doi.org/10.31219/osf.io/wm2av>

Xia, Z., Ye, J., **Hu, B.**, Qiang, Q., & Debnath, R. (2024). *LLMscreen: A Python Package for Systematic Review Screening of Scientific Texts Using Prompt Engineering*. Research Square. <https://doi.org/10.21203/rs.3.rs-5063165/v1>

CONFERENCE PRESENTATION

Hu, B., Guan, W., & Geng, L. (2025). Intergenerational Transmission of Environmental Attitudes and Behaviors: Gender Inequality Weakens Private Links and Boosts Public Engagement. The 26th National Academic Conference of Psychology, China. Oral Presentation

Hu, B. & Geng, L. (2025). Inconsistency in Household and Community Resilience with Perceived Climate Change Threat across Rural-Urban Contexts: Evidence from 142 Countries. Chinese Association of Sociology 2025 Annual Academic Conference, China. Oral Presentation

Hu, B., Xia, Z. & Geng, L. (2024). Shared Purpose Diverse Content Analyzing Overlap in the Pro-Environmental Behavior Scale. The First Annual Academic Conference of the Environmental Psychology Committee of the Chinese Psychological Society, China. Poster Presentation

Hu, B., Lu, C., & Ju, X. (2024). Psychological Inoculation for Credibility Assessment, Sharing Intention, and Discernment of Misinformation: Systematic Review and Meta-Analysis. Peking University School of Psychological and Cognitive Sciences Doctoral Student Forum, China. Oral Presentation

Hu, B., Xia, Z., Lu, C. & Ju, X. (2023). Assessing Nudge Impact: A Comprehensive Second-Order Meta-Analysis. Annual Conference of the Industrial Ecology Committee of the Ecological Society of China and the Chinese Industrial Ecology Society, China. Poster Presentation

Hu, B., Wu, H., Ju, X. & Lu, C. (2023). Gamified inoculation intervention to combat misinformation. 2023 IEEE 12th International Conference on Educational and Information Technology, China. Oral Presentation

JOURNAL REVIEWER

Journal of Environmental Psychology (9); Climate Policy (1); Applied Psychology Health and Well-Being (1); Psychology & Health (1); Environmental Research Communications(1); Sociology Compass (1); Online Information Review(1); Journal of Health Psychology (2); Information Development (2); JMIR Public Health and Surveillance (1); Universal Access in the Information Society (1); BMC Psychology(1); Current Psychology(3);

Journal of Flood Risk Management(1); International Journal of Mental Health Promotion (1); Scientific Reports (1); Social Sciences & Humanities Open (1); Frontiers in Communication (1); Environmental Psychology Research(1); PCI Psychology (1)

SOCIETY MEMBERSHIPS

The International Association of Applied Psychology (IAAP)

Chinese Psychological Society (CPS)

Chinese Association of Social Psychology (CASP)

Last updated

2026-02-04