



Dr. QingYu LIANG

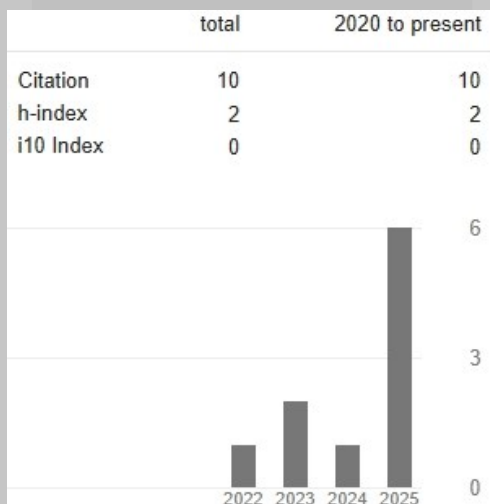
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Research Area

Human-Robot Interaction;
Social Robots;
Human-AI Collaboration;
Human-AI Intimacy

Google Scholar



Publication in Refereed Journal

- ◆ Liang, Q., & Banks, J. (2025). Perceived shared understanding between humans and AI: Development and validation of a self-report scale. *Technology, Mind & Behavior*.
- ◆ Liang, Q., Gou, J., Wang, Z., & Dabić, M. (2024). Affordances and constraints of automation and augmentation: Lessons learned from development of a human–AI collaboration business simulation platform. *Journal of Global Information Management*.
- ◆ Liang, Q., & Ollier-Malaterre, A. (2025). Physical robot or virtual agent? Humans’ preferences in human–AI intimate relationships. In Proceedings of the 31st Americas Conference on Information Systems (AMCIS). Montréal, Québec, Canada.
- ◆ Liang, Q., Crowston, K., & You, S. (2025). The task matters: The effect of perceived similarity to AI on intention to use in different task types. In Proceedings of the 58th Annual Hawaii International Conference on System Sciences (HICSS). Big Island, HI, United States.
- ◆ Liang, Q., Banks, J., & Gou, J. (2024). Persistence, emergence, and fadeout: Influence of AI teammates on the salience of human identities at work. In Proceedings of the 57th Annual Hawaii International Conference on System Sciences (HICSS). Honolulu, HI, United States.
- ◆ Liang, Q., & Gou, J. (2021). A conceptual framework of human–system interaction under uncertainty: Based on a shadow system perspective. In Proceedings of the 12th Advanced Doctoral Conference on Computing, Electrical and Industrial Systems (DoCEIS). Caparica, Portugal.
- ◆ Liang, Q., Gou, J., Li, W., & Huang, L. (2020). Exploring the barriers and mitigating strategies in DBE development: A case study from an engineering material enterprise. In Proceedings of the 21st IFIP WG 5.5 Working Conference on Virtual Enterprises (PRO-VE). Valencia, Spain.
- ◆ Liang, Q. (2024) Membership & roles: Complicating the notion of “teaming” with machines. In J. Banks (Ed.), *Android assembled: The explicit and implicit anatomy of social robots* (pp. 207–216). Peter Lang.