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Research Interests:

- Human-AI communication
- AI-mediated communication
- Computational communication

Refereed Journal Article:

Gan, H. (2026). Modeling the Adoption of GenAI for Counter Speech: A Hybrid SEM-ANN Approach Uncovering the Interplay of AI Attributes and User Cognitive-Affective Load. *International Journal of Human-Computer Interaction*, 1 – 21. <https://doi.org/10.1080/10447318.2026.2637834>

Gan, H., & Yeo, T. E. D. (2026). Algorithmic relational fracture and pseudo-relational accommodation: How users navigate communication breakdowns with relational AI. *Journal of Computer-Mediated Communication*, 31(3), zmag007. <https://doi.org/10.1093/jcmc/zmag007>

Gan, H., Li, H., Zhan, J., & Zhang, R. (2026). Navigating uncertainty in human-AI relationships: An investigation of communal uncertainty reduction strategies. *New Media & Society*, 14614448261433959. <https://doi.org/10.1177/14614448261433959>

Conference Paper Presentation:

Zhang, R., Li, H., Meng, H., Zhan, J., **Gan, H.**, & Lee, Y.-C. (2025). The Dark Side of AI Companionship: A Taxonomy of Harmful Algorithmic Behaviors in Human-AI Relationships. *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems*, 1 – 17. <https://doi.org/10.1145/3706598.3713429>

Awards:

(2026, July) HKSAR Talent Development Scholarship, Hong Kong Special
Administrative Region Government Scholarship Fund, Hong Kong SAR, 2025-2026