

# Kai-Cheng Yang

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APPOINTMENTS **Northeastern University, MA, US**

AFFILIATIONS    Postdoctoral Research Associate, Network Science Institute                      Aug. 2023 –  
                      Affiliated Researcher, Internet Democracy Initiative                      Jan. 2024 –  
                      Affiliated Researcher, NULab for Text, Maps, and Networks                      Sep. 2023 –

EDUCATION      **Ph.D.**, Informatics, Indiana University, IN, US (Dissertation [O2])                      Jun. 2023  
                      **M.S.**, Theoretical Physics, Lanzhou University, China                      Jun. 2017  
                      **B.S.**, Theoretical Physics, Lanzhou University, China                      Jun. 2014

RESEARCH       **Current Focuses**

INTERESTS        • **Generative AI in social contexts**: creating fake accounts [R1], enhancing social bots [J1];  
                          combating misinformation [R2, R5, R6];  
                      • **Social media bot**: detection (Botometer®) [J5, C2, C3, J20]; characterization [J7, W6];  
                          human perception [J3, J15];  
                      • **Misinformation**: prevalence [J2, J11, W4]; dissemination [J23]; real-world impact [J9];

**Past Projects**

- **U.S. opioid epidemic**: intervention policy evaluation [J13]; high-risk patients [J4, J8, J21]; impact of COVID-19 [J12];
- **Network science**: embedding [J16–J18]; spreading phenomenon [R8, J22, J24];

PUBLICATIONS    ‡: as corresponding author; †: mentored student

GOOGLE SCHOLAR **Journal Articles**

- J1. **Yang, K.-C.‡** & Menczer, F. Anatomy of an AI-powered malicious social botnet. *Forthcoming in Journal of Quantitative Description: Digital Media - arXiv:2307.16336* (2024).
- J2. Pierri, F., DeVerna, M. R., **Yang, K.-C.**, Axelrod, D., Bryden, J. & Menczer, F. One Year of COVID-19 Vaccine Misinformation on Twitter: Longitudinal Study. *Journal of Medical Internet Research* **25**, e42227 (2023).
- J3. Yan, H., **Yang, K.-C.**, Shanahan, J. & Menczer, F. Exposure to social bots amplifies perceptual biases and regulation propensity. *Scientific Reports* **13**, 20707 (2023).
- J4. **Yang, K.-C.**, Aronson, B., Odabas, M., Ahn, Y.-Y. & Perry, B. L. Comparing measures of centrality in bipartite patient-prescriber networks: A study of drug seeking for opioid analgesics. *PLoS ONE* **17**, e0273569 (2022).
- J5. **Yang, K.-C.‡**, Ferrara, E. & Menczer, F. Botometer 101: Social bot practicum for computational social scientists. *Journal of Computational Social Science* **5**, 1511–1528 (2022).
- J6. **Yang, K.-C.‡**, Hui, P.-M. & Menczer, F. How Twitter data sampling biases U.S. voter behavior characterizations. *PeerJ Computer Science* **8**, e1025 (2022).

- J7. Duan, Z., Li, J., Lukito, J., **Yang, K.-C.**, Chen, F., Shah, D. V. & Yang, S. Algorithmic Agents in the Hybrid Media System: Social Bots, Selective Amplification, and Partisan News about COVID-19. *Human Communication Research* **48**, 516–542 (2022).
- J8. Perry, B. L., Odabas, M., **Yang, K.-C.**, Lee, B., Kaminski, P., Aronson, B., Ahn, Y.-Y., Oser, C. B., Freeman, P. R. & Talbert, J. C. New means, new measures: Assessing prescription drug seeking indicators over ten years of the opioid epidemic. *Addiction* **117**, 195–204 (2022).
- J9. Pierri, F., Perry, B. L., DeVerna, M., **Yang, K.-C.**, Flammini, A., Menczer, F. & Bryden, J. Online misinformation is linked to early COVID-19 vaccination hesitancy and refusal. *Scientific Reports* **12**, 5966 (2022).
- J10. **Yang, K.-C.**, Lee, B., Ahn, Y.-Y. & Perry, B. L. Use of and Comorbidities Associated With Diagnostic Codes for COVID-19 in US Health Insurance Claims. *JAMA Network Open* **4**, e2124643 (2021).
- J11. **Yang, K.-C.**<sup>‡</sup>, Pierri, F., Hui, P.-M., Axelrod, D., Torres-Lugo, C., Bryden, J. & Menczer, F. The COVID-19 Infodemic: Twitter versus Facebook. *Big Data & Society* **8**, 20539517211013861 (2021).
- J12. Lee, B., **Yang, K.-C.**, Kaminski, P., Ahn, Y.-Y., Peng, S., Odabas, M., Gupta, S., Green, H. & Perry, B. L. Substitution of Nonpharmacologic Therapy With Opioid Prescribing for Pain During the COVID-19 Pandemic. *JAMA Network Open* **4**, e2138453 (2021).
- J13. Lee, B., Zhao, W., **Yang, K.-C.**, Ahn, Y.-Y. & Perry, B. L. Systematic Evaluation of State Policy Interventions Targeting the US Opioid Epidemic, 2007-2018. *JAMA Network Open* **4**, e2036687 (2021).
- J14. Wen, C., Pacheco, D., **Yang, K.-C.** & Menczer, F. Neutral bots probe political bias on social media. *Nature Communications* **12**, 5580 (2021).
- J15. Yan, H., **Yang, K.-C.**, Menczer, F. & Shanahan, J. Asymmetrical Perceptions of Partisan Political Bots. *New Media & Society* **23**, 3016–3037 (2021).
- J16. Yoon, J., **Yang, K.-C.**, Jung, W.-S. & Ahn, Y.-Y. Persona2vec: A Flexible Multi-role Representations Learning Framework for Graphs. *PeerJ Computer Science* **7**, e174 (2021).
- J17. Zhang, Y.-J., **Yang, K.-C.** & Radicchi, F. Model-free hidden geometry of complex networks. *Physical Reviews E* **103**, 012305 (2021).
- J18. Zhang, Y.-J., **Yang, K.-C.** & Radicchi, F. Systematic comparison of graph embedding methods in practical tasks. *Physical Reviews E* **104**, 044315 (2021).
- J19. Pasquetto, I. V., Swire-Thompson, B., Amazeen, M. A., Benevenuto, F., Brashier, N., Bond, R. M., Bozarth, L. C., Budak, C., Ecker, U. K., ... & **Yang, K.-C.** Tackling misinformation: What researchers could do with social media data. *The Harvard Kennedy School (HKS) Misinformation Review* **1** (2020).
- J20. **Yang, K.-C.**, Varol, O., Davis, C. A., Ferrara, E., Flammini, A. & Menczer, F. Arming the public with artificial intelligence to counter social bots. *Human Behavior and Emerging Technologies*, e115 (2019).
- J21. Perry, B. L., **Yang, K.-C.**, Kaminski, P., Odabas, M., Park, J., Martel, M., Oser, C. B., Freeman, P. R., Ahn, Y.-Y. & Talbert, J. Co-prescription network reveals social dynamics of opioid doctor shopping. *PLoS ONE* **14**, e0223849 (2019).
- J22. Zhang, Y.-J., Wu, Z.-X., Holme, P. & **Yang, K.-C.** Advantage of Being Multicomponent and Spatial: Multipartite Viruses Colonize Structured Populations with Lower Thresholds. *Physical Reviews Letters* **123**. (Editors' Suggestion), 138101 (2019).

- J23. Shao, C., Ciampaglia, G. L., Varol, O., **Yang, K.-C.**, Flammini, A. & Menczer, F. The spread of low-credibility content by social bots. *Nature Communications* **9**, 4787 (2018).
- J24. **Yang, K.-C.**, Wu, Z.-X., Holme, P. & Nonaka, E. Expansion of cooperatively growing populations: Optimal migration rates and habitat network structures. *Physical Reviews E* **95**, 012306 (2017).

#### Peer-reviewed Conference Proceedings

- C1. Torres-Lugo, C., **Yang, K.-C.** & Menczer, F. *The Manufacture of Partisan Echo Chambers by Follow Train Abuse on Twitter* in *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM)* **16** (Atlanta, GA, USA, 2022), 1017–1028.
- C2. **Yang, K.-C.**<sup>‡</sup>, Varol, O., Hui, P.-M. & Menczer, F. *Scalable and Generalizable Social Bot Detection through Data Selection* in *Proceedings of the AAAI Conference on Artificial Intelligence (AAAI)* **34** (New York, NY, USA, 2020), 1096–1103.
- C3. Sayyadiharikandeh, M., Varol, O., **Yang, K.-C.**, Flammini, A. & Menczer, F. *Detection of Novel Social Bots by Ensembles of Specialized Classifiers* in *Proceedings of the 29th ACM International Conference on Information & Knowledge Management (CIKM)* (Virtual, 2020), 2725–2732.

#### Peer-reviewed Workshop/Demo/Dataset/Software Papers

- W1. Aiyappa, R., DeVerna, M. R., Pote, M., Tran Truong, B., Zhao, W., Axelrod, D., Pessianzadeh, A., Kachwala, Z., Kim, M., Can Seckin, O., Kim, M., Gandhi, S.<sup>†</sup>, Manikonda, A.<sup>†</sup>, Pierri, F., Menczer, F. & **Yang, K.-C.**<sup>‡</sup>. *A Multi-Platform Collection of Social Media Posts about the 2022 U.S. Midterm Elections* in *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM)* **17** (Limassol, Cyprus, 2023), 981–989.
- W2. DeVerna, M. R., Pierri, F., Truong, B. T., Bollenbacher, J., Axelrod, D., Loynes, N., Torres-Lugo, C., **Yang, K.-C.**, Menczer, F. & Bryden, J. *CoVaxxy: A Collection of English-Language Twitter Posts About COVID-19 Vaccines* in *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM)* **15** (Virtual, 2021), 992–999.
- W3. **Yang, K.-C.**, Aronson, B. & Ahn, Y.-Y. BiRank: Fast and Flexible Ranking on Bipartite Networks with R and Python. *Journal of Open Source Software* **5**, 2315 (2020).
- W4. **Yang, K.-C.**<sup>‡</sup>, Torres-Lugo, C. & Menczer, F. *Prevalence of Low-Credibility Information on Twitter During the COVID-19 Outbreak* in *Proceedings of the ICWSM International Workshop on Cyber Social Threats (CySoc)* (Virtual, 2020).
- W5. Hui, P.-M., **Yang, K.-C.**, Torres-Lugo, C. & Menczer, F. *BotSlayer: DIY Real-Time Influence Campaign Detection* in *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM)* **14** (Virtual, 2020), 980–982.
- W6. **Yang, K.-C.**<sup>‡</sup>, Hui, P.-M. & Menczer, F. *Bot Electioneering Volume: Visualizing Social Bot Activity During Elections* in *Companion Proceedings of The 2019 World Wide Web Conference (WWW)* (San Francisco, CA, USA, 2019), 214–217.
- W7. Hui, P.-M., **Yang, K.-C.**, Torres-Lugo, C., Monroe, Z., McCarty, M., Serrette, B., Pentchev, V. & Menczer, F. BotSlayer: real-time detection of bot amplification on Twitter. *Journal of Open Source Software* **4**, 1706 (2019).

#### Under Review (with manuscript to share)

- R1. **Yang, K.-C.**<sup>‡</sup>, Singh, D.<sup>†</sup> & Menczer, F. Characteristics and prevalence of fake social media profiles with AI-generated faces. *Preprint arXiv:2401.02627* (2024).
- R2. Alexander, J. H.<sup>†</sup>, Nanda, P. H., **Yang, K.-C.** & Sarvghad, A. Can GPT-4V Detect Misleading Visualizations? *In submission* (2024).

- R3. Cresci, S., **Yang, K.-C.**, Spognardi, A., Di Pietro, R., Menczer, F. & Petrocchi, M. Demystifying misconceptions in social bots research. *Preprint arXiv:2303.17251* (2024).
- R4. Scarano, S., Vasudevan, V., Samory, M., **Yang, K.-C.**, Yang, J. & Grabowicz, P. A. Election Polls on Social Media: Prevalence, Biases, and Voter Fraud Beliefs. *Preprint arXiv:2405.11146* (2024).
- R5. **Yang, K.-C.**<sup>†</sup> & Menczer, F. Large language models can rate news outlet credibility. *Preprint arXiv:2304.00228* (2023).
- R6. DeVerna, M. R., Yan, H., **Yang, K.-C.** & Menczer, F. Fact-checking information generated by a large language model can decrease news discernment. *Preprint arXiv:2308.10800* (2023).
- R7. Duan, Z., Shao, A., Hu, Y., Lee, H., Liao, X., Suh, Y. J., Kim, J., **Yang, K.-C.**, Chen, K. & Yang, S. Constructing Vec-tionaries to Extract Latent Message Features from Texts: A Case Study of Moral Appeals. *Preprint arXiv:2312.05990* (2023).
- R8. Xue, L.<sup>†</sup>, **Yang, K.-C.**, Cui, P.-B. & Di, Z. Network localization strength regulates innovation diffusion with macro-level social influence. *Preprint arXiv: 2301.00151* (2023).

### Book Chapters

- B1. **Yang, K.-C.**<sup>†</sup>, Varol, O., Nwala, A. C., Sayyadiharikandeh, M., Ferrara, E., Flammini, A. & Menczer, F. *Forthcoming in Handbook of Computational Social Science* (ed Yasseri, T.) chap. Social Bots: Detection and Challenges (Edward Elgar Publishing Ltd, 2024).
- B2. Yan, H. & **Yang, K.-C.**<sup>†</sup>. *Handbook of Critical Studies of Artificial Intelligence* (ed Lindgren, S.) chap. The landscape of social bot research: a critical appraisal. <https://doi.org/10.4337/9781803928562.00073> (Edward Elgar Publishing Ltd, 2023).

### Other Works

- O1. Brown, M., Lukito, J. & **Yang, K.-C.** *What Does CrowdTangle's Demise Signal for Data Access Under the DSA?* Tech Policy Press (<https://www.techpolicy.press/what-does-crowdtangles-demise-signal-for-data-access-under-the-dsa>). 2024.
- O2. **Yang, K.-C.** *Social Media Bots: Detection, Characterization, and Human Perception* PhD thesis (Indiana University, 2023).
- O3. **Yang, K.-C.** & Menczer, F. *How many bots are on Twitter? The question is difficult to answer and misses the point* The Conversation (<https://theconversation.com/how-many-bots-are-on-twitter-the-question-is-difficult-to-answer-and-misses-the-point-183425>). 2022.

## TOOLS

### Observatory on Social Media (OSoMe)

- **Botometer**<sup>®</sup> [J5, C3, J20], **BotometerLite** [C2]: bot detection tools handling ~ 250,000 daily requests from researchers, journalists, and social media users; used by Elon Musk's team in his dispute with Twitter (via **CNN**, **BBC**, and **Yahoo! Finance**)
- **BotAmp** [J5]: bot amplification level comparison
- **Midterm 2022 dashboard** [W1]: US 2022 midterm elections Twitter discussion
- **Hoaxy**<sup>®</sup>: visualization of information spreading online with tens of thousands of users
- **CoVaxxy** [W2]: dashboard for COVID-19 vaccine Twitter discussion

### Network Science

- **Persona2vec** (**GitHub**) [J16]: multi-role representations embedding for networks
- **BiRank** (**GitHub**, **PyPI**, **CRAN**) [W3]: bipartite network PageRank

## Others

- vMFD ([GitHub](#), [PyPI](#)) [R7]: inferring moral appeals from text
- Scicolor ([GitHub](#), [Online color picker](#)): color schemes for scientific visualization

GRANTS	OpenAI Researcher Access Program (\$1,000 worth API credits). Role: PI.	2024
	Northeastern University Internet Democracy Initiative Seed Grant (\$5,000). Role: PI.	2024
	Northeastern University Lab for Text, Maps & Networks seed grant (\$500). Role: PI.	2024
	<b>Civic Health Project</b> LLM Applications for Civic Health Grant, phase I (\$5,000). Role: Co-PI.	2024

HONORS AWARDS	Selected for <b>Rising Scholars 2023</b> , MIT	2023
	IU Informatics Luddy Graduate Research Award (\$500)	2023
	IU Luddy Dean's Office Conference Travel Award (\$1,000)	2023
	IU GISA Conference Travel Award (\$300)	2022
	Best Reviewer Award at AAAI ICWSM 2022	2022
	Selected for <b>Future Leaders Summit 2022</b> , University of Michigan	2022
	IU Luddy Outstanding Research Award (\$500)	2021
	IU School of Public Health Big Idea Challenge (\$250)	2020
	IU Informatics Ph.D. Student Conference Travel Award (\$1,000)	2020
	IU GISA Conference Travel Award (\$700)	2019
	IU Informatics Ph.D. Student Conference Travel Award (\$1,000)	2019
	<b>NSF Research Trainee scholarship</b> in Complex Networks and Systems (\$5,000)	2018

## PRESENTATIONS Tutorials and Demos

- Identifying social media manipulation with OSoMe tools  
*Computation + Journalism Conference – C+J 2022 (Virtual)* Jun. 2022  
*IC<sup>2</sup>S<sup>2</sup> 2020 (Virtual)* Jul. 2020
- Introduction to **Botometer**<sup>®</sup>  
*Visit by former Dominican Republic president Leonel Fernández (Bloomington, US)* Apr. 2022  
*Invited demo at the Learning Informatics Lab, University of Minnesota (Virtual)* Mar. 2022  
*Knight Research Network Tool Demonstration Day (Virtual)* Oct. 2021
- Fast and flexible ranking on bipartite networks with Python and R  
*Indiana University Network Institute workshop series (Bloomington, US)* Nov. 2021

## Talks

- Anatomy of AI-powered malicious social bots [J1]  
*Communication Horizons Conference at UC Davis (Davis, US)* May 2024
- Fantastic bots and how to find them [J3, J5, J14, J15, W4, C2, C3, J20]  
*Invited talk at Manning College of Information & Computer Sciences, University of Massachusetts Amherst (Amherst, US)* Nov. 2023  
*Invited talk at Yangtze Delta Region Institute (Huzhou), University of Electronic Science and Technology of China (Huzhou, China)* Aug. 2023  
*Invited talk at International Academic Center of Complex Systems, Beijing Normal University – Zhuhai (Zhuhai, China)* Jul. 2023  
*Invited talk at Summer Institutes in Computational Social Science 2023 – Beijing (Beijing, China)* Jul. 2023  
*Invited talk at New Media Research Center, Beijing Normal University (Beijing, China)*

	Invited talk at <i>Social Computing Group</i> , University of Zurich (Virtual)	Jul. 2023
	Invited talk at <i>Computational Methods Research Group</i> , UW-Madison (Virtual)	Feb. 2023
	• Revealing localness of news domains through sharing patterns on social media	
	<i>Annual Midwest Political Science Association Conference</i> (Chicago, US)	Apr. 2024
	• LLMs and cyber social threats: Good, bad, and ugly [J1, R5, R6]	
	<i>Rising Scholars Conference at MIT</i> (Cambridge, US)	Oct. 2023
	Invited talk at <i>Workshop on Applications of LLMs in Media</i> (Beijing, China)	Jul. 2023
	Invited talk at <i>School of Journalism, Fudan University</i> (Shanghai, China)	Jun. 2023
	• Wrestling with the changing API of social media platforms: The case of Botometer	
	<i>Post-API Conference</i> (Philadelphia, US)	Oct. 2023
	• Large language models can rate news outlet credibility [R5]	
	<i>Trust and Safety Research Conference</i> (Palo Alto, US)	Aug. 2023
	• Artificial intelligence is ineffective and potentially harmful for fact checking [R6]	
	<i>Politics and Computational Social Science Conference</i> (Los Angeles, US)	Aug. 2023
	• The COVID-19 Infodemic: prevalence, adverse actors, and real-world impact [J9, J11, W4]	
	<i>2022 INFORMS Annual Meeting</i> (Indianapolis, US)	Oct. 2022
	Invited talk at <i>Computational Social Science Lab at Penn</i> (Virtual)	Jun. 2022
	<i>Future Leaders Summit 2022</i> (Ann Arbor, US)	Apr. 2022
	• The COVID-19 Infodemic: Twitter versus Facebook [J11]	
	<i>Social Media Lab Guest Speaker Series</i> (Virtual)	Oct. 2021
	<i>IC<sup>2</sup>S<sup>2</sup> 2021</i> (Virtual)	Jul. 2021
	<i>NetSci 2021</i> (Virtual)	Jul. 2021
	<i>Computation + Journalism Symposium – C+J 2021</i> (Virtual)	Feb. 2021
	<i>The 3rd North American Social Networks Conference – NASN 2021</i> (Virtual)	Jan. 2021
	• Bipartite network centrality comparison: A study of opioid doctor shopping [J4]	
	<i>IC<sup>2</sup>S<sup>2</sup> 2020</i> (Virtual)	Jul. 2020
	• Prevalence of low-credibility information on Twitter during the COVID-19 outbreak [W4]	
	<i>CySoc 2020</i> (Virtual)	Jun. 2020
	• BotometerLite [C2]	
	<i>IC<sup>2</sup>S<sup>2</sup> 2020</i> (Virtual)	Jul. 2020
	<i>AAAI 2020</i> (New York, US)	Feb. 2020
	• Bot Electioneering Volume [W6]	
	<i>CyberSafety 2019</i> (San Francisco, US)	May 2019
WORK	<b>U.S. Senate Aging Committee</b> , remote	
EXPERIENCE	Individual consultant on the use of AI for scamming	Aug., Nov. 2023
	<b>Analysis Group</b> , MA, US	
	Consultant for the trial of Elon Musk vs. Twitter	Aug. 2022 – Oct. 2022
	<b>TikTok Inc. (ByteDance)</b> , CA, US	
	Security engineering intern	May 2021 – Aug. 2021
TEACHING	<b>Indiana University</b> , IN, US	
EXPERIENCE	Guest lecturer, INFO-T100 Social Media Manipulation 101	Fall 2022
	Associate instructor, INFO-I590 Applied Data Science	Fall 2017, Spring 2018
SERVICE	<b>Research Community Advocate for Open Access to Social Media Data:</b>	



- Drafting open letters regarding **Twitter** and **Reddit**'s decisions to restrict data access
- Conducting **survey** to gauge the impact of data loss (**cited by court ruling** that dismissed Twitter/X's lawsuit against CCDH) and coordinating **mutual aids**
- Outreaching to news media to express concerns: **Reuters**, **The Verge**, **TechCrunch**, **CNN**, **Tech Policy Press**
- Conducting **DSA Data Access Audit**

**Guest Editor:** EPJ Data Science: Special Issue on Computational Approaches for Cyber Social Threats;

**Conference Organizer:** Publicity chair @ 18th International AAAI Conference on Web and Social Media (ICWSM24);

**Workshop Organizer:** International Workshop on Cyber Social Threats 2024 (CySoc) @ ICWSM24; International Workshop on Cyber Social Threats 2023 (CySoc) @ WebConf23; International Workshop on Cyber Social Threats 2022 (CySoc) @ ICWSM22;

**Journal Reviewer:**

- **Interdisciplinary:** PNAS (23); PNAS Nexus (23); Scientific Reports (22, 23); PLoS ONE (21-23); Royal Society Open Science (22); Journal of the Royal Society Interface (22);
- **Computer/information sciences:** Nature Machine Intelligence (23); ACM Computing Surveys (23); ACM Digital Threats: Research and Practice (21); ACM Transactions on Information Systems (23); AI and Ethics (24); Applied Network Science (24); Behaviour & Information Technology (23); Big Data & Society (21); Computers & Security (21); Computer networks (24); Decision Support Systems (22); EPJ Data Science (23); IEEE Internet Computing (21); IEEE Transactions on Knowledge and Data Engineering (21); IEEE Transactions on Network Science and Engineering (23); Transactions on Asian and Low-Resource Language Information Processing (24); Information Processing & Management (21, 24); International Journal of Data Science and Analytics (21); International Journal of Human-Computer Interaction (22, 24); International Journal of Information Technology & Decision Making (21); Journal of Big Data (23, 24); Journal of Computational Social Science (22-24); Online Social Networks and Media (21, 22); PeerJ Computer Science (20, 22, 24); Progress in Artificial Intelligence (23); Social Network Analysis and Mining (21-24); Social Science Computer Review (24);
- **Social sciences:** New Media & Society (23); HKS Misinformation Review (23, 24); Humanities & Social Sciences Communications (21-23); Technology in Society (24); Telematics and Informatics (23); Information, Communication and Society (21); International Communication Gazette (21); Journal of Health Communication (23); Political Research Exchange (21); Public Understanding of Science (23); Socius (22);
- **Health:** Journal of Medical Internet Research (22, 23); BMC Digital Health (23); Drug and Alcohol Dependence (23); Frontiers in Public Health (22); JMIR Infodemiology (22, 23); JMIR Public Health and Surveillance (22);

**Conference Reviewer:** Complex Networks (23); CSCW (22, 23); CIKM (21-23); ICWSM (20-24); IC2S2 (24); WebSci (22-24); WebConf (22-24);

## IN THE PRESS

### Selected Quotations and Interviews

- **AI and information integrity:** *Time* (Feb. 2024);
- **Social media in general:** *Reuters* (Nov. 2023); *Reuters* (Jul. 2023); *The Verge* (May 2023); *TechCrunch* (Feb. 2023); *CNN* (Feb. 2023); *Tech Policy Press* (Feb. 2023);
- **Social bots and other inauthentic actors on social media:** *Tortoise* (Feb. 2024); *Business Insider* (Aug. 2023); *WIRED* (Sep. 2022); *WIRED* (Sep. 2022); *BBC* (Aug. 2022); *Ars Technica* (Aug. 2022); *Yahoo! Finance* (Aug. 2022); *CNN* (Aug. 2022); *Yahoo! Finance* (Aug. 2022); *CNN* (Jun. 2022); *The Wall Street Journal* (Jun. 2022); *The Washington Post* (May 2022);

*Politico (May 2022); Business Insider (May 2022); Yahoo! News (May 2022); Spectrum News (Apr. 2022);*

- **Online misinformation:** *WISH-TV (Sep. 2022); IEEE Spectrum (Jul. 2020);*

#### **Selected Media Coverage of My Works**

- **AI-powered inauthentic social media accounts [J1, R1]:** *MIT Technology Review (Mar. 2024); IEEE Spectrum (Feb. 2024); PolitiFact (Dec. 2023); Publico (Dec. 2023); Wired (Oct. 2023); Business Insider (Aug. 2023); Breitbart (Aug. 2023); New York Post (Aug. 2023); Wired (Aug. 2023); Mashable (Aug. 2023); Business Insider (Aug. 2023); MIT Technology Review (Aug. 2023); Tech Policy Press (Aug. 2023);*
- **Using AI to combat misinformation [R5]:** *RStreet (Aug. 2023);*
- **Botometer® [C3, J20] & BotAmp:** *Forbes (Aug. 2023); The Washington Post (Jun. 2023); Business Insider (May 2023); i (May 2023); The Hill (May 2023); Vice (Apr. 2023); PEN America Mar. 2023; ABC Action News (Jan. 2023); Poder360 (Jan. 2023); Newsweek (Dec. 2022); Business Insider (Nov. 2022); The Daily Star (Nov. 2022); USA Today (Oct. 2022); Daily Maverick (Oct. 2022); CNN (Oct. 2022); The Washington Times (Sep. 2022); The Economic Times (Sep. 2022); CNN (Sep. 2022); Quotidiano Nazionale (Aug. 2022); The Guardian (Aug. 2022); The National Interest (Aug. 2022); The Verge (Aug. 2022); Yahoo! Finance (Aug. 2022); CNN (Aug. 2022); CNBC (Aug. 2022); Washington Examiner (Aug. 2022); Engadget (Aug. 2022); The Washington Post (Aug. 2022); The New York Times (Aug. 2022); Inc. Magazine (Aug. 2022); Newsweek (Aug. 2022); Snopes (Jul. 2022); USA Today (Jun. 2022); Slate (Jun. 2022); Forbes (Jun. 2022); Wired (May 2022); The Washington Post (May 2022); Los Angeles Times (Apr. 2022);*
- **CoVaxxy [W2]:** *AP News (Oct. 2023); Washington Examiner (Jun. 2023); The New York Times (May 2022); AP News (Dec. 2021); USA Today (Mar. 2021);*
- **Online misinformation is linked to early COVID-19 vaccination hesitancy and refusal [J9]:** *ilpost (Nov. 2023); The Hill (Feb. 2023); Global Citizen (Aug. 2022); Medical News Today (Aug. 2022); Time (May 2022); News-Medical (May 2022); Tech Policy Press (Apr. 2022); Slate (Apr. 2022);*
- **Neutral bots probe political bias on social media [J14]:** *The Hill (Feb. 2023); NBC News (Apr. 2022); Metro (Apr. 2022); Rolling Stone (Apr. 2022);*
- **COVID-19 Infodemic on Twitter and Facebook [J11]:** *News 5 (Jan. 2022); The Conversation (Jul. 2021);*
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