Kai-Cheng Yang

Contact	Network Science Institute
INFORMATION	Northeastern University

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Boston, MA 02115, US Google Scholar

APPOINTMENTS Northeastern University, MA, US

AFFILIATIONS P.

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 –

Indiana University, IN, US

Research assistant	Aug. 2018 – May 2023
Teaching assistant	Aug. 2017 – May 2018

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 Interests

Current Focuses

- Generative AI in social contexts: creating fake accounts [R1], enhancing social bots [J1]; combating misinformation [R3, R4];
- 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 [R6, J22, J24];

PUBLICATIONS GOOGLE SCHOLAR

[†]as corresponding author

Journal Articles

- J1. **Yang, K.-C.**[†] & Menczer, F. Anatomy of an AI-powered malicious social botnet. *Forth-coming 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.[†], 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.[†], 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., Manikonda, A., Pierri, F., Menczer, F. & Yang, K.-C.†. 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.[†], 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.[†], 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

- R1. Yang, K.-C.[†], Singh, D. & Menczer, F. Characteristics and prevalence of fake social media profiles with AI-generated faces. *Preprint arXiv:2401.02627* (2024).
- R2. 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).
- R3. **Yang, K.-C.**[†] & Menczer, F. Large language models can rate news outlet credibility. *Preprint arXiv:2304.00228* (2023).
- R4. 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).
- R5. 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).
- R6. Xue, L., 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.[†], 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.[†]. *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/whatdoes-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[®] [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[®]: 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) [R5]: inferring moral appeals from text Scicolor (GitHub, Online color picker): color schemes for scientific visualization 	on
Grants	OpenAI Researcher Access Program (\$1,000 worth API credits). Role: PI. Northeastern University Internet Democracy Initiative Seed Grant (\$5,000). Role: Northeastern University Lab for Text, Maps & Networks seed grant (\$500). Role: Civic Health Project LLM Applications for Civic Health Grant, phase I (\$5,000). I	PI. 2024
Honors Awards	Selected for Rising Scholars 2023, MIT IU Informatics Luddy Graduate Research Award (\$500) IU Luddy Dean's Office Conference Travel Award (\$1,000) IU GISA Conference Travel Award (\$300) Best Reviewer Award at AAAI ICWSM 2022 Selected for Future Leaders Summit 2022, University of Michigan IU Luddy Outstanding Research Award (\$500) IU School of Public Health Big Idea Challenge (\$250) IU Informatics Ph.D. Student Conference Travel Award (\$1,000) IU GISA Conference Travel Award (\$700) IU Informatics Ph.D. Student Conference Travel Award (\$1,000) NSF Research Trainee scholarship in Complex Networks and Systems (\$5,000)	2023 2023 2022 2022 2022 2021 2020 2020
Presentation	 Tutorials and Demos Identifying social media manipulation with OSoMe tools 	
	Computation + Journalism Conference – C+J 2022 (Virtual) IC ² S ² 2020 (Virtual) Introduction to Botometer®	Jun. 2022 Jul. 2020
	Visit by former Dominican Republic president Leonel Fernández (Bloomington, US) Invited demo at the Learning Informatics Lab, University of Minnesota (Virtual) Knight Research Network Tool Demonstration Day (Virtual) Fast and flexible ranking on bipartite networks with Python and R Indiana University Network Institute workshop series (Bloomington, US)	Apr. 2022 Mar. 2022 Oct. 2021 Nov. 2021
	Talks	
	• 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 Manherst (Amherst, US) Invited talk at Yangtze Delta Region Institute (Huzhou), University of Electronic Technology of China (Huzhou, China) Invited talk at International Academic Center of Complex Systems, Beijing Normal	Nov. 2023 Science and Aug. 2023 University –
	Zhuhai (Zhuhai, China) Invited talk at Summer Institutes in Computational Social Science 2023 – Beijing (Be	Jul. 2023 ijing, China) Jul. 2023
	Invited talk at New Media Research Center, Beijing Normal University (Beijing, Chi	
	Invited talk at Social Computing Group, University of Zurich (Virtual) Invited talk at Computational Methods Research Group, UW-Madison (Virtual)	Feb. 2023 Feb. 2023

	• LLMs and cyber social unreats. Good, bad, and ugry [11, K5, K	.4]		
	Rising Scholars Conference at MIT (Cambridge, US)	Oct. 2023		
	Invited talk at Workshop on Applications of LLMs in Media (Beijin,	g, China) Jul. 2023		
	Invited talk at School of Journalism, Fudan University (Shanghai, C	China) Jun. 2023		
	• Wrestling with the changing API of social media platforms: T	he case of Botometer		
	Post-API Conference (Philadelphia, US)	Oct. 2023		
	• Large language models can rate news outlet credibility [R3]			
	Trust and Safety Research Conference (Palo Alto, US)	Aug. 2023		
	 Artificial intelligence is ineffective and potentially harmful for 	_		
	Politics and Computational Social Science Conference (Los Angeles,	C		
	• The COVID-19 Infodemic: prevalence, adverse actors, and real	<u> </u>		
	2022 INFORMS Annual Meeting (Indianapolis, US)	Oct. 2022		
	Invited talk at Computational Social Science Lab at Penn (Virtual)	Jun. 2022		
	Future Leaders Summit 2022 (Ann Arbor, US)	Apr. 2022		
	• The COVID-19 Infodemic: Twitter versus Facebook [J11]	•		
	Social Media Lab Guest Speaker Series (Virtual)	Oct. 2021		
	IC^2S^2 2021 (Virtual)	Jul. 2021		
	NetSci 2021 (Virtual)	Jul. 2021		
	Computation + Journalism Symposium – C+J 2021 (Virtual)	Feb. 2021		
	The 3rd North American Social Networks Conference - NASN 202	1 (Virtual) Jan. 2021		
	Bipartite network centrality comparison: A study of opioid do	octor shopping [J4]		
	IC^2S^2 2020 (Virtual)	Jul. 2020		
	 Prevalence of low-credibility information on Twitter during th 	e COVID-19 outbreak [<mark>W4</mark>]		
	CySoc 2020 (Virtual)	Jun. 2020		
	• BotometerLite [C2]			
	IC^2S^2 2020 (Virtual)	Jul. 2020		
	AAAI 2020 (New York, US)	Feb. 2020		
	 Bot Electioneering Volume [W6] 			
	CyberSafety 2019 (San Francisco, US)	May 2019		
Work	U.S. Senate Aging Committee, remote			
EXPERIENCE	Individual consultant on the use of AI for scamming	Aug., Nov. 2023		
	Analysis Group, MA, US	σ,		
	Consultant for the trial of Elon Musk vs. Twitter	Aug. 2022 – Oct. 2022		
	TikTok Inc. (ByteDance), CA, US	9		
	Security engineering intern	May 2021 – Aug. 2021		
To a correct	In diana Hairragita, INI LIC			
TEACHING	Indiana University, IN, US	T 11 0000		
EXPERIENCE	Guest lecturer, INFO-T100 Social Media Manipulation 101	Fall 2022		
	Associate instructor, INFO-I590 Applied Data Science	Fall 2017, Spring 2018		
Service	Research Community Advocate for Open Access to Social Media Data:			
	• 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

Tech Policy Press

• Outreaching to news media to express concerns: Reuters, The Verge, TechCrunch, CNN,

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); 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 sciences: New Media & Society (23); HKS Misinformation Review (23); 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 [R3]: 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);
- Substitution of nonpharmacologic therapy with opioid prescribing for pain during the COVID-19 pandemic [J12]: Clinical Pain Advisor (Jan. 2022); Everyday Health (Dec. 2021); Health Day (Dec. 2021);
- Systematic evaluation of state policy interventions targeting the US opioid epidemic [J13]: MedPage Today (Jan. 2022); U.S. Pharmacist (Mar. 2021); News-Medical (Feb. 2021);
- Hoaxy®: MakeUseOf (Jan. 2023); MIT Technology Review (Dec. 2022); Media Matters for America (Dec. 2022); The Conversation (Oct. 2022); Bloomberg (Nov. 2020); NBC News (Feb. 2020);
- The spread of low-credibility content by social bots [J23]: ABC (Mar. 2024); Scientific American (Feb. 2024); Salon (Sep. 2020); ScienceNews (Nov. 2018); MIT Technology Review (Aug. 2017);

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