

EMPLOYMENT

University of Miami – Miami Herbert Business School

<i>Associate Dean for Research</i>	2024–
<i>Miami Herbert Centennial Endowed Chair</i>	2023–
<i>Professor of Business Technology (with tenure)</i>	2022–

University of Houston – C. T. Bauer College of Business

<i>C. T. Bauer Endowed Professor of Artificial Intelligence & Digital Society</i>	2021–2022
<i>Professor of Information Systems & Business Analytics (with tenure)</i>	2020–2022
<i>Director, Bauer College PhD Programs</i>	2020–2022
<i>Faculty Lead, Bauer Initiative on AI and Digital Society</i>	2020–2022
<i>C. T. Bauer Senior Fellow</i>	2020–2022

Arizona State University – W. P. Carey School of Business

<i>Nita and Phil Francis Faculty Fellow</i>	2020
<i>Associate Professor of Information Systems (promotion with tenure 5/2018)</i>	2018–2020
<i>IS PhD Program Coordinator</i>	2017–2020
<i>Co-Director, Digital Society Initiative</i>	2016–2020
<i>Assistant Professor of Information Systems</i>	2014–2018

China International Capital Corporation (CICC), Beijing Office

<i>Analyst</i>	2008–2009
----------------	-----------

The 29th International Olympic Games

<i>English Language Specialist & Interpreter</i>	2008
--	------

EDUCATION

PhD Business Administration

2009–2014

Fox School of Business, Temple University

- ▶ Thesis: “Three Essays on Global Online Labor Markets for IT Services”
 - Outstanding PhD Alumni Award, Fox School of Business (2020)
 - ACM SIGMIS Doctoral Dissertation Award (2014)
 - INFORMS Information Systems Society Nunamaker-Chen Dissertation Award (2014)
 - Best Dissertation Award, Temple University (2014)

RESEARCH AREAS

Digital Platform Design & Strategy

- Matching Markets, Cold-start Problem, Online Reputation

Human-AI Interaction

- AI Agents, Workflow Automation, Human-AI Teaming, Bots

Digital Media & Content

- User-generated Content, Live Streaming, Algorithm/AI-generated Content, Content Moderation

Societal Impact of Technology

- Future of Work, Sharing & Gig Economy, Remote Work, Monitoring, FinTech

Business Analytics

- Recommender Systems, Text Analytics, Business Value of Analytics

Preferred Methods

- Econometrics, Experiments, Machine Learning

EDITORIAL BOARD

Editorial Board Appointments

- Guest Senior Editor, *Information Systems Research* (2024–)
- Associate Editor, *Information Systems Research* (2018–)
- Senior Editor, *Production and Operations Management* (2019–)
- Associate Editor, *Journal of the Association for Information Systems* (2019–)
- Editorial Board Member, *Journal of the Association for Information Systems* (2017–)

Special Issue Editors

- Co-Editor, *Production and Operations Management*, Special Issue on “Social Technologies in Operations” (2021–)
- Senior Editor, *Production and Operations Management*, Special Issue on “Responsible Data Science”
- Senior Editor, *Production and Operations Management*, Special Issue on “Disruptive Technologies in Operations”
- Senior Editor, *Production and Operations Management*, Special Issue on “Role of National Culture in Operations Management”
- Senior Editor, *Production and Operations Management*, Special Issue on “New Business Models and Operations Innovations”
- Associate Editor, *Information Systems Research*, Special Issue on “Humans, Algorithms, and Augmented Intelligence: The Future of Work, Organizations and Society”
- Associate Editor, *Information Systems Research*, Special Issue on “Market Design and Analytics”
- Editorial Board, *Journal of the Association for Information Systems* Special Issue on “Addressing Societal Challenges through Analytics”

SELECTED PROFESSIONAL AWARDS

- 2025 POM J. George Shanthikumar Best Data Science and E-Operations Paper Award Runnerup
- 2024 INFORMS Information Systems Society Best Paper Runnerup, INFORMS
- 2023 Provost's Research Award, University of Miami
- 2022 Lead Trainer, AI for Current Workforce Program, Intel
- 2022 INFORMS Social Media Analytics Best Student Paper Award Finalist, INFORMS
- 2021 Kauffman Best Paper Award Nomination, International Conference on Information Systems
- 2021 Best Paper in Track Award (IS Design, Development and Project Management Track), International Conference on Information Systems
- 2021 Best Overall Conference Paper Award Nomination, International Conference on Information Systems
- 2021 Best Student Paper Award Nomination, International Conference on Information Systems
- 2021 Best Paper Award (runner-up), INFORMS eBiz Cluster
- 2021 Best Paper Award Nomination, Conference on Information Systems and Technology
- 2021 Research Star Award, Bauer College of Business, University of Houston
- 2020 Best Conference Paper (first runner-up), International Conference on Information Systems
- 2020 AIS Distinguished Member, Association for Information Systems
- 2020 Best Paper in Track Award (AI Track), International Conference on Information Systems
- 2020 Best Paper Award Nomination, INFORMS eBiz Cluster
- 2020 Outstanding PhD Alumni Award, Fox School of Business, Temple University
- 2020 W. P. Carey School Dean's List for Teaching Impact, Arizona State University
- 2020 Huizingh Award for Undergraduate Service to Students Finalist, Arizona State University
- 2020 ASU Outstanding Doctoral Mentor Finalist, Arizona State University
- 2019 Best Associate Editor of the Year Award, Information Systems Research
- 2019 Best Paper Nomination, Conference on Information Systems and Technology
- 2019 Sandy Slaughter Early Career Award, INFORMS Information Systems Society
- 2019 Huizing Undergraduate Teaching Award Finalist, Arizona State University
- 2018 Best Paper Award, Workshop on Information Systems and Economics
- 2018 Best Conference Theme Paper (runner up), International Conference on Information Systems
- 2018 Best Paper Nomination (×2), International Conference on Information Systems
- 2018 AIS Early Career Award, Association for Information Systems
- 2018 Best Paper Award, The 12th China Summer Workshop on Information Management

- 2018 Best Paper Nomination, Pacific Asia Conference on Information Systems
- 2017 Management Science Meritorious Service Award
- 2017 W. P. Carey Faculty Research Award, Arizona State University
- 2017 Best Paper Award, Hawaii International Conference on System Sciences
- 2016 Outstanding Teaching Award, Department of Information Systems (ASU)
- 2014 Best Paper Nomination, International Conference on Information Systems
- 2014 ACM SIGMIS Doctoral Dissertation Award, AIS and Association for Computing Machinery
- 2014 Nunamaker-Chen Dissertation Award (runner up), INFORMS Information Systems Society
- 2014 Best Dissertation Award, Fox School of Business, Temple University
- 2014 Dean's Outstanding Publication Award, Fox School of Business, Temple University
- 2014 Doctoral Consortium Fellow, International Conference on Information Systems
- 2013 Distinguished Award for Excellence in Teaching, Temple University
- 2013 Harry A. Cochran Award for Research Excellence, Temple University
- 2013 Best Dissertation Proposal Award, Fox School of Business, Temple University
- 2013 Lynne A. Cronfield Foundation Research Award, Temple University
- 2012 Best Conference Paper (runner up), International Conference on Information Systems
- 2012 Best Conference Paper (runner up), America's Conference on Information Systems
- 2009 Outstanding Graduate, Beijing Foreign Studies University
- 2008 Outstanding Language Specialist, International Olympics Committee

SELECTED JOURNAL PUBLICATIONS (UTD-24 & FT-50)

1. Zhao K, Hong Y, Ma T, Lu Y, Hu Y (2025) "Lost in the Crowd: How Group Size and Content Moderation Shape User Engagement in Live Streaming," *Information Systems Research*, Forthcoming.
2. He Q, Hong Y, Raghu TS (2025) "Platform Governance with Algorithm-based Content Moderation: An Empirical Study on Reddit," *Information Systems Research*, 36(2):1078–1095.
3. Sarkar S, Bala H, Hong Y, Kankanhalli A, Rossi M, Gu B, Oestreicher-Singer G (2025) "Advancing Next-Generation Multimethod Research in Information Systems: A Framework and Some Recommendations for Authors and Evaluators," *Information Systems Research*, 36(2):647–668.
4. Liang C, Hong Y, Gu B (2025) "Monitoring and Home Bias in Global Hiring: Evidence from an Online Labor Platform," *Information Systems Research*, 36(1):600–620.
5. He Y, Xu X, Huang N, Hong Y, Liu D (2025) "Enhancing User Privacy Through Ephemeral Sharing Design: Experimental Evidence from the Online Dating Context," *Information Systems Research*, 36(1):162–183.
6. Liang C, Hong Y, Gu B (2025) "Monitoring and the Cold Start Problem in Digital Platforms: Theory and Evidence from Online Labor Markets," *Information Systems Research*, 36(1):600–620.

7. Huang N, Wang L, Hong Y, Lin L, Guo X, Chen G (2024) "When the Clock Strikes: A Multimethod Investigation of On-the-Hour Effects in Online Learning," *Information Systems Research*, 35(2):766–782.
8. Zheng X, Cao J, Hong Y, Yang S, Ren X (2023) "Differential Effects of Multi-dimensional Review Evaluations on Product Sales for Mainstream vs. Niche Products," *MIS Quarterly*, 47(2):833–856.
9. Sarkar S, Whitley EA, Goh KY, Hong Y, Mähring M, Sanyal P, Su N, Xu H, Xu DJ, Zhang J, Zhao H (2023) "Some Thoughts on Reviewing for Information Systems Research and Other Leading Information Systems Journals," *Information Systems Research*, 34(4):1321–1338.
10. Zhao K, Lu Y, Hu Y, Hong Y (2023) "Direct and Indirect Spillovers from Content Providers' Switching: Evidence from Online Livestreaming," *Information Systems Research*, 34(3):847–866.
11. Wang L, Huang N, Hong Y, Liu L, Guo X, Chen G (2023) "Voice-Based AI in Call Center Customer Service: A Natural Field Experiment," *Production and Operations Management*, 32(4):1002–1018.
12. Sabzehzar A, Burtch G, Hong Y, Raghu TS (2023) "Putting Religious Bias in Context: How Offline and Online Contexts Shape Religious Bias in Online Pro-social Lending," *MIS Quarterly*, 47(1):33–62.
13. Liang C, Peng J, Hong Y, Gu B (2023) "The Hidden Costs and Benefits of Monitoring in the Gig Economy," *Information Systems Research*, 34(1):297–318.
14. Huang N, Burtch G, He Y, Hong Y (2022) "Managing Congestion in a Matching Market via Demand Information Disclosure," *Information Systems Research*, 33(4):1196–1220.
15. Liang C, Hong Y, Chen PY, Shao BBM (2022) "The Screening Role of Design Parameters for Service Procurement Auctions in Online Service Outsourcing Platforms," *Information Systems Research*, 33(4):1324–1343.
16. Burtch G, He Q, Hong Y, Lee D (2022) "How Do Peer Awards Motivate Creative Content? Experimental Evidence From Reddit," *Management Science*, 68(5):3488–3506.
17. Hu Y, Hong Y (2022) "SHEDR: An End-to-End Neural Event Detection and Recommendation Framework for Hyperlocal News Using Social Media," *INFORMS Journal on Computing*, 34(2):790–806.
18. Li Z, Liang C, Hong Y, Zhang Z (2022) "How Do On-demand Ridesharing Services Affect Traffic Congestion? The Moderating Role of Urban Compactness," *Production and Operations Management*, 31(1):239–258.
19. Chen PY, Hitt LM, Hong Y, Wu SY (2021) "Measuring Product Type and Purchase Uncertainty with Online Product Ratings: A Theoretical Model and Empirical Application," *Information Systems Research*, 32(4):1470–1489.
20. Hong Y, Peng J, Burtch G, Huang N (2021) "Just DM Me (Politely): Direct Messaging, Politeness, and Hiring Outcomes in Online Labor Markets," *Information Systems Research*, 32(3):786–800.
21. Burtch G, Hong Y, Kumar Senthil (2021) "When Does Dispute Resolution Substitute for a Reputation System? Empirical Evidence from a Service Procurement Platform," *Production and Operations Management*, 30(6):1565–1582 (Lead Article).
22. Li Z, Hong Y, Zhang Z (2021) "The Empowering and Competition Effects of the Platform-Based Sharing Economy on the Supply and Demand Sides of the Labor Market," *Journal of Management Information Systems*, 38(1):140–165.
23. Hong Y, Shao BBM (2021) "On Factors that Moderate the Effect of Buyer-Supplier Experience on E-Procurement Platforms," *Production and Operations Management*, 30(4):1034–1051.

24. Huang N, Burtch G, Hong Y, Pavlou PA (2020) "Unemployment and Worker Participation in the Gig Economy: Evidence from An Online Labor Market," *Information Systems Research*, 31(2):431–448.
25. Hu Y, Xu A, Hong Y, Gal D, Sinha V, Akkiraju R (2019) "Generating Business Intelligence Through Social Media Analytics: Measuring Brand Personality with Consumer-, Employee-, and Firm-Generated Content," *Journal of Management Information Systems*, 36(3):893–930.
26. Huang N, Burtch G, Gu B, Hong Y, Liang C, Wang K, Fu D, Yang B (2019) "Motivating User-Generated Content with Performance Feedback: Evidence from Randomized Field Experiments," *Management Science*, 65(1):327–345.
27. Kuang L, Huang N, Hong Y, Yan Z (2019) "Spillover Effects of Financial Incentives on Non-Incentivized User Engagement: Evidence from an Online Knowledge Exchange Platform," *Journal of Management Information Systems*, 36(1):289–320.
28. Kanat I, Hong Y, Raghu TS (2018) "Surviving in Global Online Labor Markets for IT Services: A Geo-economic Analysis," *Information Systems Research*, 29(4):893–909.
29. Chen PY, Hong Y, Liu Y (2018) "The Value of Multi-dimensional Rating Systems: Evidence from a Natural Experiment and Randomized Experiments," *Management Science*, 64(10):4629–4647.
30. Gong J, Hong Y, Zentner A (2018) "Role of Monetary Incentives in the Digital and Physical Inter-Border Labor Flows," *Journal of Management Information Systems*, 35(3):866–899.
31. Hong Y, Hu Y, Burtch G (2018) "Embeddedness, Pro-Sociality, and Social Influence: Evidence from Online Crowdfunding," *MIS Quarterly*, 42(4):1211–1224.
32. Burtch G, Hong Y, Bapna R, Griskevicius V (2018) "Stimulating Online Reviews by Combining Financial Incentives and Social Norms," *Management Science*, 64(5):2065–2082.
33. Burtch G, Hong Y, Liu D (2018) "The Role of Provision Points in Online Crowdfunding," *Journal of Management Information Systems*, 35(1):117–144.
34. Huang N, Hong Y, Burtch G (2017) "Social Network Integration and User Content Generation: Evidence from Natural Experiments," *MIS Quarterly*, 41(4):1035–1058 (Lead Article).
35. Hong Y, Pavlou PA (2017) "On Buyer Selection of Service Providers in Online Outsourcing Platforms for IT Services," *Information Systems Research*, 28(3):547–562.
36. Hong Y, Pavlou PA, Shi N, Wang K (2016) "On the Role of Fairness and Social Distance in Designing Effective Social Referral Systems," *MIS Quarterly*, 41(3):787–809.
37. Huang N, Burtch G, Hong Y, Polman E (2016) "Effects of Multiple Psychological Distances on Construal and Consumer Evaluation: A Field Study of Online Reviews," *Journal of Consumer Psychology*, 26(4):474–482.
38. Hong Y, Wang CA, Pavlou PA (2016) "Comparing Open and Sealed Bid Auctions: Evidence from Online Labor Markets," *Information Systems Research*, 27(1):49–69.
39. Hong Y, Pavlou PA (2014) "Product Fit Uncertainty in Online Markets: Nature, Effects, and Antecedents," *Information Systems Research*, 25(2):328–344.
40. Dimoka A, Hong Y, Pavlou PA (2012) "On Product Uncertainty in Online Markets: Theory and Evidence," *MIS Quarterly*, 36(2):395–426.

OTHER PUBLICATIONS

1. Liu Q, Du Q, Tang C, Hong Y, Fan W (2025) “An Exploration and Exploitation of Value Cocreation-based Machine Learning Framework for Automated Idea Screening,” *Decision Support Systems*, Forthcoming.
2. Hsieh J, Hong Y, Burtch G, Zhu H (2022) “A Little Too Personal: Effects of Standardization versus Personalization on Job Acquisition, Work Completion, and Revenue for Online Freelancers,” *CHI '22: Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems*, 50:1–11.
3. Zhao K, Hu Y, Hong Y, Westland C (2021) “Understanding Characteristics of Popular Streamers on Live Streaming Platforms: Evidence from Twitch.tv,” *Journal of the Association for Information Systems*, 22(4):1076–1098.
4. Liu Q, Du Q, Hong Y, Fan W, Wu S (2020) “User Idea Implementation in Open Innovation Communities: Evidence from a New Product Development Crowdsourcing Community,” *Information Systems Journal*, 30(5):899–927.
5. Fu D, Hong Y, Wang K, Fan W (2018) “Effects of Membership Tier on User Content Generation Behavior in an Online Marketplace,” *Electronic Commerce Research*, 18(3):457–483.
6. Hong Y, Huang N, Burtch G, Li C (2016) “Culture, Conformity and Emotional Suppression in Online Reviews,” *Journal of the Association for Information Systems*, 17(11):308–329.
7. Hong Y, Pavlou PA (2011) “Online Labor Markets: An Informal Freelancer Economy,” *IBIT Report*, Fall 2011.
8. Wang S, Hong Y, Archer N, Wang Y (2011) “Modeling the Success of Small and Medium Sized Online Vendors in Business to Business Electronic Marketplaces in China: A Motivation–Capability Framework,” *Journal of Global Information Management*, 19(4):45–75.

SELECTED FUNDING AND GRANTS

- National Science Foundation, “Harnessing the Data Revolution (HDR): Data Science Corps (DSC),” \$607,010 (Senior Personnel, 2021–2022).
- NET Institute, “Voice-Based AI in Call Center Customer Service: Evidence from a Field Experiment,” \$3,000 (co-PI, 2020).
- NET Institute, “Gender Wage Gap in Online Gig Economy and Gender Differences in Job Preferences,” \$3,000 (co-PI, 2018).
- National Science Foundation, Decision, Risk and Management Sciences (DRMS), “Expectation Bias and the Gender Wage Gap in the Online Gig Economy,” \$15,914 (PI, 2018–2020).
- NET Institute, “Home Bias in Global Employment,” \$4,500 (co-PI, 2017).
- Robert Wood Johnson Foundation, “Future of Work Pioneering Grant,” \$120,024 (PI, 04/2017–01/2020).
- Google, “Cloud Platform Education Grants (Teaching Grant),” \$11,100 (PI, 2016).
- NET Institute, “Effects of IT-enabled Monitoring on Labor Contracting in Online Platforms: Evidence from a Natural Experiment,” \$4,500 (co-PI, 2016).
- NET Institute, “Digital Social Visibility, Anonymity and User Content Generation: Evidence from Natural Experiments,” \$3,000 (co-PI, 2015).

- NET Institute, “Measuring Product Type with Dynamics of Online Product Review Variances: A Theoretical Model and the Empirical Applications,” \$3,000 (co-PI, 2014).
- NET Institute, “How Does Bid Visibility Matter in Buyer-Determined Auctions? Comparing Open and Sealed Bid Auctions in Online Labor Markets,” \$3,000 (PI, 2013).
- Department of Education, “CIBER Grant Award,” \$5,000 (co-PI, 2010).

INVITED RESEARCH SEMINARS AND TALKS

1. University of Texas at Austin, McCombs School of Business, 3/2026
2. Virginia Tech, Pamplin College of Business, 9/2025
3. Cheung Kong Graduate School of Business (CKGSB), 6/2025
4. India School of Business (ISB), 11/2024
5. University of Illinois Urbana-Champaign, Gies College of Business, 11/2024
6. New York University, Stern School of Business, ISPOC, 5/2024
7. ZEVEDI-Lecture Series: Responsible Algorithmic Decision-Making in the Workplace, 4/2024
8. Boston University, Questrom School of Business, 11/2023
9. University of Delaware, Lerner College of Business & Economics, 10/2023
10. University of Southern California, Marshall School of Business, 12/2022
11. Florida State University, College of Business, 10/2022
12. University of Rochester, Simon Business School, 4/2022
13. University of Georgia, Terry College of Business, 4/2022
14. University of Pittsburgh, Katz Graduate School of Business, 11/2021
15. University of Miami, Herbert Business School, 11/2021
16. University of Wisconsin-Madison, Wisconsin School of Business, 11/2021
17. Tsinghua University, School of Economics and Management, 11/2021
18. National University of Singapore, NUS Business School, 10/2021
19. University of Maryland, Robert H. Smith School of Business, 9/2021
20. Erasmus University, Rotterdam School of Management, 5/2021
21. University of Houston, Hewlett Packard Enterprise Data Science Institute, 4/2021
22. University of Oklahoma, Price College of Business, 4/2021
23. University of Connecticut, School of Business, 2/2021
24. Lehigh University, College of Business, 1/2021
25. University of Washington, Foster School of Business, 2/2020
26. University of Houston, Bauer College of Business, 12/2019

27. Georgia State University, Robinson College of Business, 11/2019
28. University of Arizona, Eller College of Management, 10/2019
29. University of North Carolina at Charlotte, Belk College of Business, 10/2019
30. University of Utah, Eccles School of Business, 9/2019
31. Hong Kong Polytechnic University, Faculty of Business, 6/2019
32. Boston College, Carroll School of Management, 5/2019
33. George Washington University, College of Business, 4/2019
34. University of Illinois at Chicago, College of Business, 11/2018
35. MentorStudents.org, 03/2018
36. University of Minnesota, Carlson School of Management, 03/2018
37. Special Libraries Association, Invited Keynote Speech, 07/2017
38. Arizona State University, Ira A Fulton School of Engineering, 03/2017
39. Temple University, Fox School of Business, 02/2017
40. Uber PHX HQ, 10/2016
41. Arizona State University, Information Systems Research Workshop, 02/2016
42. Temple University, CIBER, 04/2014
43. Arizona State University, W. P. Carey School of Business, 11/2013
44. University of Virginia, McIntire School of Commerce, 10/2013
45. Nanyang Technological University, Nanyang Business School, 10/2013
46. HKUST, School of Business, 07/2013
47. City University of Hong Kong, School of Business, 07/2013

PHD/POSTDOC STUDENTS PLACEMENT

Dissertation Committee Co-Chair / Chair

- Amin Sabzehzar (2022) – Assistant Professor, *Freeman School of Business, Tulane University*
- Qinglai He (2021) – Assistant Professor, *Wisconsin School of Business, University of Wisconsin-Madison*
– *ACM SIGMIS Doctoral Dissertation Award Runnerup (2021)*
- Chen Liang (2019) – Associate Professor, *School of Business, University of Connecticut*
– *Association for Information Systems Early Career Award (2024)*
– *INFORMS ISS Gordon B. Davis Young Scholar Award (2023)*
- Ying Liu (2018) – Assistant Professor, *Isenberg School of Management, University of Massachusetts Amherst*

Postdoc Co-Advisor / Advisor

- Jason Wu (2023) – Assistant Professor, *UNSW Business School, University of New South Wales*
- Yumei He (2022) – Assistant Professor, *Freeman School of Business, Tulane University*

Dissertation Committee Member

- Aida Sanatizadeh (2024) – Assistant Professor, *College of Business, Northern Illinois University*
- Jingbo Hou (2023) – Assistant Professor, *Leavey School of Business, Santa Clara University*
- Tengteng Ma (2023) – Assistant Professor, *Muma College of Business, University of South Florida*
- Keran Zhao (2021) – Assistant Professor, *Smeal College of Business, Pennsylvania State University*
- Alvin Zuyin Zheng (2021) – Assistant Professor, *Renmin Business School, Renmin University of China*
- Cheng Chen (2020) – Assistant Professor, *Lubar School of Business, University of Wisconsin-Milwaukee*

Ongoing PhD Students Advising

- Alan Huang – 2nd year, *University of Miami*
- Dezhen Guo – 1st year, *University of Miami*

TECHNICAL SKILLS



Operating Systems: Linux, Mac OS, Windows



Programming Languages: C, Python, Perl, HTML, CSS, Javascript, bash, \LaTeX , lisp, Stata, R, SAS



Database Management Systems: MySQL, PostgreSQL, SQLite, Microsoft SQL Server, Microsoft Access, Google BigQuery, MongoDB



Cloud Computing: Amazon Web Services, Google Cloud Platform

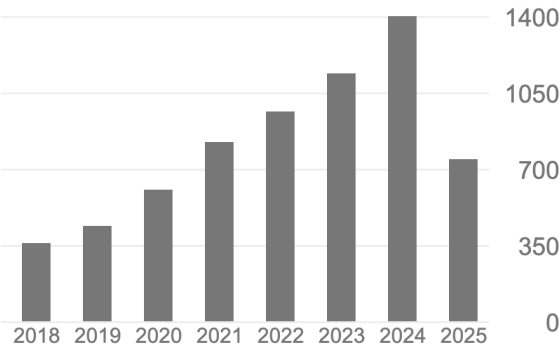
CITATIONS & CITATION MAP

Google Scholar Citations

Cited by

[VIEW ALL](#)

	All	Since 2020
Citations	7175	5704
h-index	37	34
i10-index	56	54



Google Scholar World Citation Map



📅 July 11, 2025