Yi JIN



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Faculty	MSB
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Academic Qualification

2008-2013 Ph.D, University of Birmingham (U.K.), with three-year University Scholarship

2007-2008 Master, University of Birmingham (U.K.), Major in International Money and Banking

2003-2007 Bachelor, Jiangnan University, Major in International Economics and Trade

Working Experience

2026-Present Associate Professor/ Macau University of Science and Technology

2023-2026 Assistant Professor/ Macau University of Science and Technology

2015-2023 Assistant Professor / Tianjin University of Finance and Economics

2013-2015 Post-dr./ Nankai University

Visiting Experience

2010 Exter College, Oxford University, U.K.

2017-18 John Chambers College of Business and Economics, West Virgina University, U.S.

Teaching Activities

- Advanced Theory in Finance (DPM)
- Financial Markets and Institutions (MBA)
- Financial Management (ACCA)

- Bank Management (Undergraduate)
- Foreign Exchange and International Financial Markets (Undergraduate)

Preferred Qualifications for Ph.D. Candidate

- Strong academic motivation, self-discipline, and a proactive attitude toward research
- Proficiency in at least one statistical/computational tool (Stata/Matlab/Python/R)
- Research interests in:
  GIS/RS/LLM/Big Data applications in Finance, Climate Change, Energy Transition, Environmental Science, or interdisciplinary studies

Research Areas

Environmental Economics, Energy Economics, and Financial Institutions

Selected Publications

1. X. Ren, S. Hu, **Y. Jin*** (2027). Mr. Link or Mr. Leap: The Role of Supply Chain Relational Embeddedness in Corporate Exploratory Innovation, Journal of Organizational Studies and Innovation, accept.
2. **Y. Jin***, T. Wang (2027). Energy Transition Pressures and Corporate Green Strategies: An Institutional Theory and Resource-Based Perspective. Accounting and Finance, accept.
3. L. Bu, S. Liu, **Y. Jin** (2026). Green Rural Development, Financial Development, and Common Prosperity, Modern Financial Research, 368(8):98-112 (CSSCI, in Chinese).
4. X. Zhou, J. Xu, F. Zhang, **Y. Jin***, A. Niu (2026). Fusing Causal Inference and Explainable AI: Dynamic Mechanisms and Extreme Event Simulation in Carbon Markets, Applied Energy, 411:127607 (SCI, **JCR Q1**, **IF=11**, Rank 6.5%).
5. X. Ren, X .Zhu, **Y. Jin*** (2026). Peer Effect and Corporate Total Factor Productivity: Evidence from China, International Journal of Emerging Markets (SSCI, JCR Q1, IF=3.0, Rank 18.3%).
6. X. Ren, W. Yang, W. Yang, **Y.Jin*** (2026). Extreme Volatility of Crude Oil Futures in the Wake of a Black Swan, Risk Management, 28:16 (SSCI, JCR Q2, IF=1.7, Rank 27.3%).

7. X. Ren, S. Hu, **Y. Jin*** (2026). Climate Risk and Corporate Carbon Emissions: A Global Perspective, Business Strategy and Development (JCR Q2, IF=4.2, Rank 25.6%).
8. X. Ren, S. Wang, **Y. Jin*** (2026). Navigating Systemic Risk: A Dynamic Analysis of Multi-layer Interdependencies in the Energy Industrial Chain, International Journal of Energy Sector Management (JCR Q2, IF=3.3, Rank 41.5%).
9. X. Ren, Q. Lu, **Y. Jin*** (2026). The Club Convergence in Green Economy: Evidence from 120 Countries, International Journal of Green Economics, 29:1.
10. X. Zhou, J. Xu, F. Zhang, P. Ma, **Y. Jin*** (2025). The logic of policies for energy price regulation in the future: A synergistic developmental perspective based on energy and carbon markets, Renewable and Sustainable Energy Reviews, 222:115940 (SSCI, **JCR Q1**, **IF=16.3**, Rank 2.5%, **Top in the energy field**).
11. **Y. Jin,** S. Deng, X. Pu, Z. Zhu* (2025). Carbon emissions and bank risk around the world, British Accounting Review, 101750 (SSCI, **JCR Q1**, **IF=9.4, Top 1 in accounting**).
12. X. Ren, C. Fu, **Y. Jin*** (2025). Climate risk perception and oil financialization in China: Evidence from a time-varying Granger model, Research in International Business and Finance, 74: 102662 (SSCI, **JCR Q1**, IF=6.3).
13. X. Ren, W. Yang, **Y. Jin***, G. Gozgor (2025). The role of FinTech in carbon emission convergence across Chinese prefecture-level cities, Environment Development and Sustainability (SSCI, JCR Q2).
14. J. Ling, **Y. Jin*** (2025). Balancing Industrialization with Pollution: Evidence from Marine Ecological Civilization Demonstration Zone Program in China, Sustainability, 17: 14 (SSCI, JCR Q2).
15. X. Ren, Y. Cheng, **Y. Jin***(2025). Climate risk and international trade: Navigating challenges for sustainable development, Journal of Environmental Assessment Policy and Management, 27, 3:2550009.
16. L.Li, **Y. Jin***, S. Liu (2025). Biodiversity and financial corporation green bond price, Applied Economics Letter, 02 (SSCI, JCR Q3).
17. **Y. Jin,** S. Liu, Y. Sun, J. Fang (2024). Energy transition and housing market bubbles: Evidence from prefecture cities in China, Energy Economics, 107485 (SSCI, **JCR Q1**, **IF=12.8**, Rank 0.1%, **Top 1 in economics**).

18. X. Ren, W. Yang, **Y. Jin***(2024). Geopolitical risk and renewable energy consumption: Evidence from a spatial convergence perspective, Energy Economics, 131, 108384 (SSCI, **JCR Q1, IF=12.8,** Rank 0.1%, **Top 1 in economics, Highly cited paper**).
19. X. Zhou, S. Xing, **Y. Jin**, M. Zhang, Z. Liu (2024). Carbon price signal failure and regulatory policies: A systematic review, Environmental Impact Assessment Review, 105: 107444 (SSCI, **JCR Q1**, IF=7.9, Rank 10%).
20. X. Ren, Y. Xiao，S. Xiao, **Y. Jin***, F.Taghizadeh-Hesary**(2024). The effect of climate vulnerability on global carbon emissions: Evidence from a spatial convergence perspective, Resources Policy, 90: 104817 (SSCI, **JCR Q1**, **IF=9.2,** Rank 5.6%, **Hot paper, Highly cited paper**).
21. **Y. Jin**, C. Liu (2024). Promoting New Productive Forces and the Development Path of Higher Education in Macau, Macau Education, 2024.04 (Teaching paper).
22. **Y. Jin,** S. Wang, L. Bu, P. Zhai (2023). Unconventional, conventional monetary policies, and optimal energy supply structure in China, Finance Research Letters, 54: 103732 (SSCI, **JCR Q1, IF=10.4, Top 1 in finance**).
23. **Y. Jin**, H. Zhao, L. Bu, D. Zhang (2023). Geopolitical risk, climate risk and energy markets: A dynamic spillover analysis, International Review of Financial Analysis 87:102597 (SSCI, **JCR Q1**, IF=8.2, Rank 3.6%, **Highly cited paper**).
24. Z. Zhu, W. Ding, **Y. Jin***, D. Shen**(2023). Dissecting the idiosyncratic volatility puzzle: A fundamental analysis approach, Research in International Business and Finance, 66: 102085 (SSCI, **JCR Q1**, IF=6.5).
25. Z. Zhu, Z. Qi, **Y. Jin** (2023). Familiarity bias and economic decisions: Evidence from a survey experiment, Economics Letters, 229: 111197 (SSCI, JCR Q2).
26. M. Yang, **Y. Jin** (2023). Building a community with a shared future for mankind to inject the strongest impetus for the low-carbon transition of the power sector, Global Energy Interconnection Information 2023.01.
27. **Y. Jin** (2023). Xi Jinping's cultural ideology guides the development of higher education in the Greater Bay Area of Guangdong, Hong Kong, and Macau in the new era, Macau Education, 2023.04 (Teaching paper).
28. **Y. Jin,** Gao, X., and Li, D. (2022). The effect of individualism on bank risk and bank performance: An international study, Journal of International Financial Markets, Institutions & Money, 80: 101634. (SSCI, **JCR Q1,** IF=6.1).

29. **Y. Jin,** Zhai, P., and Zhu, Z. (2022). Oil price shocks and bank risk around the world, The Energy Journal, 43. (SSCI, JCR Q2, Top in Energy field).
30. Ma, R., Sun, B., Zhai, P., and **Y. Jin*** (2021). Hedging stock market risks: Can gold really beat bonds? Finance Research Letters, 101918. (SSCI, **JCR Q1**, **IF=10.4, Top 1 in finance**).
31. **Y. Jin,** Gao, X., and Wang, M.(2021). The financing efficiency of listed energy conservation and environmental protection firms: Evidence and implications for green finance in China. Energy Policy, 112254. (SSCI, SCI, **JCR Q1, IF=9.2，Highly cited paper**).
32. N. Guo, **Y. Jin,** H. Xu, J. Zhang (2021). Analysis of risk taking effect and influencing factors of shadow banking in China -- from the perspective of capital adequacy ratio, Huabei Finance, 10:537 (in Chinese).
33. Zhang, Q., Chen, S., and **Y. Jin*** (2020). The impact of off-balance-sheet regulations on bank risk-taking: Evidence from China. Research in International Business and Finance, 2020,54: 101297. (SSCI, **JCR Q1**, IF=6.9).
34. Wang, Y., Lai, N., Mao, G., Zuo, J., Crittenden, J., **Y. Jin,** and Moreno-Cruz, J. (2017). Air pollutant emissions from economic sectors in China: A linkage analysis. Ecological Indicators, 2017,77: 250-260. (SCI, **JCR Q1,** IF=7.4).
35. **Y. Jin**, and Zhu, W. (2017). The Research on the Impact of Financial Business Diversification on Bank Net Interest Margins---Based on the Empirical Test of More than 500 European and American Commercial Banks, Financial Supervision Research, 2017,1:16-33 (in Chinese).
36. Y. Jin. (2017). Research on the Development of Modern Western Banking Practice and Theory, Management Observer, 07, 33-36 (in Chinese).
37. Sun, P., **Y. Jin**, and Zhang, L. (2011). Can Financial Services Diversification Really Improve Bank Performance? Based on the Empirical Study of OECD359 Commercial Banks, Financial Research, 11:112-124 (CSSCI, in Chinese).

Book

1. Gao X., **Jin Y.** (Chapter Author). Introduction to Energy Finance, Nankai University Press, 2017.
2. Sun P., **Jin Y.** (Chapter author), Jin S. China's Development and Harmonization: Towards a Balance with Nature, Society and the International Community, 2011.

Research Projects

1. Science and Technology Development Fund of Macau, principal investigator.
2. Macau Foundation Academic Research Project, completed, principal investigator, completed.
3. Macau University of Science and Technology Faculty Research Grants, completed, principal investigator.
4. National Natural Science Foundation of China, co- principal investigator.
5. General Program of the National Social Science Fund of China, participant.
6. China Postdoctoral Science Foundation, completed, principal investigator.
7. Tianjin Administration of Foreign Experts Affairs Project, principal investigator.
8. Chinese Philosophy and Social Science Planning Project, completed, participant.
9. Tianjin Philosophy and Social Science Planning Project General Project, completed, co- principal investigator.
10. Construction of Tianjin Green Financial System and Evaluation Criteria and Effective Connection between Tianjin Carbon Emission Trading Pilot Project and the National Carbon Market, completed, co- principal investigator.
11. Major Project of Philosophy and Social Science of Ministry of Education, completed, participant.

Conference Proceedings

1. Oil Price Shocks and Coherent Risk of Global Clean Energy Market
   - 2024 Energy Transition Conference, Nanjing, China
2. The Club Convergence in Green Economy: International Evidence
   - 2024 The 5th High-Level Forum on Carbon Neutrality and Climate Finance, Wuhan, China
3. The Effect of Climate Vulnerability on Renewable Electricity Generation: Evidence from A Spatial Convergence Perspective
   - 2024 International Conference on Climate and Energy Finance, Weihai, China
4. FinTech and Carbon Emissions: A Spatial Convergence Perspective
   - 2023 Asia-Pacific Applied Economics Annual Conference, Zhuhai, China
5. Carbon Risk and Banks around the World
   - 2023 China Management Annual Conference, Xinjiang, China
6. The Transition of Financial Structure and the Urban-Rural Income Inequality in China

- 2022 9th International Workshop on Regional Urban, and Spatial Economics in China, Chengdu, China

7. The Spillovers between Climate Change Risk and Geopolitical Risk: Transmitter or Receiver?
   - 2022 International Society for Energy Transition Studies Forums, Chengdu, China
8. New Look into Energy, Geopolitical Risk, and Climate Change
   - 2022 International Conference on Climate and Energy Finance **(Best paper reward)**, Nanjing, China
9. Oil Price Shocks and Bank Risk around the World
   - 2021 Financial Markets and Corporate Governance Conference, New Zealand
   - 2021 International Conference on Climate and Energy Finance **(Best paper reward)**, Xiamen, China
   - 2021 AIB conference, Michigan University, the U.S.
   - Camphor Tree Economics Forum (Changsha)
10. An investigation on the Credit Risk of Interbank Lending Business of Chinese Commercial Banks from the Perspective of Financial Regulation
    - 2018 Annual Conference of China Finance, Kunming, China
11. The Heterogeneous Impact of Interbank Lending Business on the Credit Risk of Banks: An Empirical Study Based on 108 Chinese Commercial Banks
    - 2018 Annual Conference of China Financial Association, Guangzhou, China
12. Bank Competition and Bank Risk-taking: An International Study
    - 2013 Asia Economic Community Forum, Inchon, South Korea
    - 2014 Economic and Social Research Forum, Birmingham, the U.K.

Other Professional Activities

- ✧ CFA
- ✧ Associate Editor in *Energy Finance*
- ✧ Editorial Member in *Frontiers in Environmental Research*
- ✧ Guest Editor for the *Economic Analysis and Policy* (JCR Q1, Rank 2%), *Journal of Climate Finance*
- ✧ Topic Editors for *Climate, Economies, Energies, Environments, Sustainability*
- ✧ Council Member, Society for the Studies of Climate Finance
- ✧ Assistant Secretary, International Society for Energy Transition Studies (ISETS)
- ✧ *Ad hoc* Reviewer for Academic Journals: *Energy Policy, Energy Journal, Energy*

Economics, Energy, Sustainable Science, Environment Development and Sustainability, Economic Analysis and Policy, Technology in Society, Environment and Development Economics, Economic Change and Restructuring, Journal of the Asia Pacific Economy, Applied Economics, Resources Policy, International Review of Financial Analysis, North American Journal of Economics and Finance, Finance Research Letters, Journal of Climate Finance, International Review of Economics and Finance, Global Finance Journal, Emerging Markets Finance and Trade, Journal of Green Building, Journal of Industrial and Management Optimization, Review of Accounting and Finance, Research in International Business and Finance, Journal of Chinese Economic and Business Studies

Honors/Awards

- 5 Research Awards, School of Business, Macau University of Science and Technology, 2025
- Best Research Output Award, Macau University of Science and Technology, 2024
- Tianjin A-level Talent (Provincial talent), 2015
- Tianjin young scientist cultivation library (Provincial talent project), 2016-2023
- Excellent mentor at the Tianjin University of Finance and Economics, 2020
- The 8th National College Students' Energy Economy Academic Creativity Competition, Tianjin, Supervisor (Third prize), 2022
- PhD Scholarship, University of Birmingham 2009-2012