

RESEARCH INTERESTS	Innovation Management, Intellectual Property Management, NLP& LLMs and Patent Analysis, Innovation Economic Geography, Green Innovation	
EDUCATION	University of Tokyo	Tokyo, Japan
	Ph.D in Technology Management, School of Engineering Supervisor: Prof. Kazuyuki MOTOHASHI Thesis: Semantic Change-Driven Patent Innovation Measurement: Integrating Content and Citation Network Indicators and Its Empirical Study on Market Value	2022.04 – 2025.03
	Beijing University of Posts and Telecommunications	Beijing, China
	M.S.& B.E. in Computer Science, School of Cyberspace Security	2013.09 – 2020.06
PUBLICATION	* As the corresponding author	
	1. Zhao, Q. , Wu, W., Ge, Y., & Xu, J. (2025). Can intellectual property protection policy enhance enterprise innovation capability? Quasi-natural experimental study. <i>International Review of Financial Analysis</i> .	
	2. Zhao, Q.* , Fan, L., Chen, H., Yang, Y., & Wang, Z. (2025). Green innovation and carbon emission reduction: Empirical insights from spatial durbin and dynamic threshold models. <i>International Review of Financial Analysis</i> .	
	3. Zhao, Q.* , & Fan, L. (2025). The triple power play: Green finance, green innovation, and renewable energy in transforming China's carbon footprint. <i>Applied Economics Letters</i> .	
	4. Li, P., Zhou, H., Liu, X., & Zhao, Q.* (2025). Can public data openness narrow the technology gap? evidence from manufacturing firms in China and the United States. <i>Journal of Technology Transfer</i> .	
	5. Liu, X., & Zhao, Q.* (2024). Banking competition, credit financing and the efficiency of corporate technology innovation. <i>International Review of Financial Analysis</i> .	
	6. Yang, Y., & Zhao, Q.* (2025). Recommended, purchased, disappointed? Exploring the divergent effects of algorithmic product recommendations on sales and satisfaction. <i>Applied Economics</i> .	
	7. Teng, Z., Guo, C., Zhao, Q.* , & Mubarik, M. S. (2023). Antecedents of green process innovation adoption: An AHP analysis of China's gas sector. <i>Resources Policy</i> .	
	8. Yang, Y., Wei, L., Fan, L., & Zhao, Q.* (2025). Charting the path to consumer satisfaction: An innovative investigation into fresh e-commerce through text mining and spatiotemporal analysis. <i>E+M Ekonomie a Management</i> .	
	9. Yang, W., Hua, R., & Zhao, Q.* (2021). A sequence-to-sequence traffic predictor on software-defined networking. <i>International Journal of Web and Grid Services</i> .	
	10. Zhao, Q. , Yang, W., & Hua, R. (2019). Design and research of composite web page classification network based on deep learning. <i>2019 IEEE 31st International Conference on Tools with Artificial Intelligence (ICTAI)</i> .	
	11. Chen, H., & Zhao, Q.* (2025). Exploring the voice of inbound tourists: A study on the perceived image of ethnic-minority village tourism with impact on satisfaction. <i>Journal of Quality Assurance in Hospitality & Tourism</i> .	

WORKING PAPER	1. Motohashi, K., & Zhao, Q.* (2023). University as a knowledge source of innovation: A spatial analysis of the impact on local high-tech startup creation (RIETI Discussion Paper No. 23-E027). Research Institute of Economy, Trade and Industry (Accepted in AOM-2025).	
	2. Zhao, Q. (2025). Triple Helix Interactivity and Social Tie Embeddedness: Catalysts for Innovation Legitimacy and Sustainable Practice Institutionalization. Under review in <i>Technological Forecasting and Social Change</i> .	
	3. Zhao, Q.* , & Motohashi, K. (2025). Tracking semantic changes with contextual embeddings: A simple, stable, and interpretable method. Under review in the <i>28th European Conference on Artificial Intelligence (ECAI-2025)</i> .	
	4. Dang, J., Motohashi, K., & Zhao, Q.* (2025). Patent information disclosure and market reactions: Empirical investigation by using text-based novelty and impact indicators (RIETI Discussion Paper No. 25-E089). Research Institute of Economy, Trade and Industry.	
	5. Zhao, Q.* , & Motohashi, K. (2025). Identifying the creation and impact of new technologies based on semantic change detection and diachronic word embedding (Manuscript in preparation).	
	6. Yang, Y., & Zhao, Q.* (2025). “AI” increases the uncivil comments of users: the moderating role of voice sentiment. Under review in the <i>Information Processing & Management</i> .	
INTERN & PROJECT	Research Institute of Economy, Trade and Industry (RIETI) Research Assistant	2022.09 – 2025.03
	<ul style="list-style-type: none"> · Research on the Economic Social Impact of Public Research Institute Reforms (2024) · Green Innovation in Emerging Asian Economies (2023) · Intellectual Property Systems of Technological Catching-up: Comparison of China, India and Thailand (2022) 	
	Beijing Academy of Science and Technology Research Assistant	2017.09 – 2019.04
OTHER	<ul style="list-style-type: none"> · Disciplinary Knowledge Convergence and New Discipline Prediction System (2019) · Scoring and Recommendation System for Frontier Scientific and Technological Literature (2018) · Design and Research on New Knowledge Discovery System for Disciplinary Disciplines (2018) · Extraction of Textual Viewpoints and Management System for Chinese Internet (2017) 	
	China Information Technology Security Evaluation Center	2017.01 – 2017.10
	<p>Program C, Java, Python, Javascript, R</p> <p>Tool Git, Adobe Illustrator, Prezi, Matlab, L^AT_EX, ArcGis</p> <p>Language Chinese, English (GRE 336), Japanese</p> <p>Reviewer <i>Research Policy, Technological Forecasting and Social Change, Humanities and Social Sciences Communications, PLOS ONE, International Review of Financial Analysis, Financial Innovation, Scientific Reports, Asia Pacific Journal of Marketing and Logistics, Applied Economics, Applied Economics Letters, AOM Annual Meeting</i></p>	