

RESEARCH INTERESTS	Innovation Management, Intellectual Property Management, NLP& LLMs and Patent Analysis, Innovation Economic Geography, Green Innovation	
EDUCATION	<b>University of Tokyo</b>	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
	<b>Beijing University of Posts and Telecommunications</b>	Beijing, China
	M.S.& B.E. in Computer Science, School of Cyberspace Security	2013.09 – 2020.06
PUBLICATION	<b>* As the corresponding author</b>	
	1. <b>Zhao, Q.</b> , 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> (SSCI, JCR Q1, ABS3).	
	2. <b>Zhao, Q.*</b> , 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> (SSCI, JCR Q1, ABS3).	
	3. <b>Zhao, Q.*</b> , & 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> (SSCI, JCR Q3, ABS1).	
	4. Liu, X., & <b>Zhao, Q.*</b> (2024). Banking competition, credit financing and the efficiency of corporate technology innovation. <i>International Review of Financial Analysis</i> (SSCI, JCR Q1, ABS3).	
	5. Yang, Y., & <b>Zhao, Q.*</b> (2025). Recommended, purchased, disappointed? Exploring the divergent effects of algorithmic product recommendations on sales and satisfaction. <i>Applied Economics</i> (SSCI, JCR Q2, ABS2).	
	6. Teng, Z., Guo, C., <b>Zhao, Q.*</b> , & Mubarik, M. S. (2023). Antecedents of green process innovation adoption: An AHP analysis of China's gas sector. <i>Resources Policy</i> (ABS2).	
	7. Yang, Y., Wei, L., Fan, L., & <b>Zhao, Q.*</b> (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> (SSCI, JCR Q3).	
	8. Yang, W., Hua, R., & <b>Zhao, Q.*</b> (2021). A sequence-to-sequence traffic predictor on software-defined networking. <i>International Journal of Web and Grid Services</i> (SCI, JCR Q3).	
	9. <b>Zhao, Q.</b> , 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> (EI, CCF-C).	
	10. Chen, H., & <b>Zhao, Q.*</b> (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 &amp; Tourism</i> (ESCI, ABS1).	

WORKING PAPER	1. Motohashi, K., & <b>Zhao, Q.*</b> (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 ( <b>Accepted in AOM-2025</b> ).	
	2. <b>Zhao, Q.</b> (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> (SSCI, JCR Q1, ABS3).	
	3. <b>Zhao, Q.*</b> , & 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> (CCF-B).	
	4. Peiyu Li, & <b>Zhao, Q.*</b> . (2025). Can Public Data Openness Narrow the Technology Gap? Evidence from Manufacturing Firms in China and the United States. Under review of <i>Journal of Technology Transfer</i> (SSCI, JCR Q2, ABS3).	
	5. <b>Zhao, Q.</b> , Dang, J., & Motohashi, K. (2025). Market Responses to Patent Novelty and Impact Across Life Cycle - An Empirical Study on U.S. Listed Pharmaceutical Patents (Manuscript in preparation).	
	6. <b>Zhao, Q.*</b> , & Motohashi, K. (2025). Identifying the creation and impact of new technologies based on semantic change detection and diachronic word embedding (Manuscript in preparation).	
INTERN & PROJECT	Research Institute of Economy, Trade and Industry (RIETI) Research Assistant	2022.09 – 2025.03
	<ul style="list-style-type: none"> <li>· Research on the Economic Social Impact of Public Research Institute Reforms (2024)</li> <li>· Green Innovation in Emerging Asian Economies (2023)</li> <li>· Intellectual Property Systems of Technological Catching-up: Comparison of China, India and Thailand (2022)</li> </ul>	
	Beijing Academy of Science and Technology Research Assistant	2017.09 – 2019.04
OTHER	<ul style="list-style-type: none"> <li>· Disciplinary Knowledge Convergence and New Discipline Prediction System (2019)</li> <li>· Scoring and Recommendation System for Frontier Scientific and Technological Literature (2018)</li> <li>· Design and Research on New Knowledge Discovery System for Disciplinary Disciplines (2018)</li> <li>· Extraction of Textual Viewpoints and Management System for Chinese Internet (2017)</li> </ul>	
	China Information Technology Security Evaluation Center	2017.01 – 2017.10
	<p><b>Program</b> C, Java, Python, Javascript, R</p> <p><b>Tool</b> Git, Adobe Illustrator, Prezi, Matlab, L<sup>A</sup>T<sub>E</sub>X, ArcGis</p> <p><b>Language</b> Chinese, English (GRE 336), Japanese</p> <p><b>Reviewer</b> <i>Technological Forecasting and Social Change</i> (JCR Q1, ABS3), <i>Humanities and Social Sciences Communications</i> (JCR Q1), <i>PLOS ONE</i> (JCR Q1), <i>International Review of Financial Analysis</i> (JCR Q1, ABS3), <i>Financial Innovation</i> (JCR Q1, ABS2), <i>Scientific Reports</i> (JCR Q1), <i>Heliyon</i> (JCR Q1), <i>Asia Pacific Journal of Marketing and Logistics</i> (JCR Q1, ABS1), <i>Applied Economics</i> (JCR Q2, ABS2), <i>Applied Economics Letters</i> (JCR Q3, ABS1), <i>AOM Annual Meeting</i></p>	