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关于我

我于东京大学技术经营战略学专业取得工学博士学位，研究聚焦于企业战略中的技术创新与绿色转型管理。在东京大学攻读博士期间，我系统开展了围绕"科研协同—新知识生成—专利化—市场价值"全链条的研究，擅长将自然语言处理（NLP）、大语言模型（LLMs）和地理信息系统（GIS）等数据分析方法应用于企业创新行为与组织战略研究。

我的学术训练融合了战略管理、技术创新管理、科技政策、企业绿色战略与数据分析方法论，致力于服务企业在面对技术变革与政策转型背景下的战略决策与组织应变。我当前的研究兴趣包括：

- 企业技术创新战略与专利价值测度
- 区域创新生态系统与高新技术企业成长路径
- 大学与企业的知识协同与商业化战略
- 企业绿色转型路径与碳绩效影响机制
- 大语言模型赋能的战略洞察与文本分析
- 科研合作网络对组织创新绩效的影响

教育经历

东京大学   东京，日本

工学博士 工学系研究科技术经营战略学   *2022.04 – 2025.03*
指导老师：元桥一之 教授 (Research Policy 主编)
学位论文：Semantic Change-Driven Patent Innovation Measurement: Integrating Content and Citation Network Indicators and Its Empirical Study on Market Value
    （语义变化驱动的专利创新测度：融合内容与引文网络指标及其市场价值的实证研究)

北京邮电大学   北京，中国

工学硕士 网络空间安全学院   *2017.09 – 2020.06*
指导老师：杨文川 教授
学位论文：Discovery and Research of Frequent Item in Interdiscipline Based on Deep Learning
    （基于深度学习的交叉学科中频繁项集的发现与研究)

北京邮电大学   北京，中国

工学学士 计算机科学与技术·网络空间安全学院   *2013.09 – 2017.06*
指导老师：刘亮 教授
学位论文：Design and Implementation of Chaotic Compressive Sensing Algorithm
    （混沌压缩感知算法的设计与实现)
2017 年本科生优秀毕业论文奖

期刊论文

(* 本人作为通讯作者)

1. **Q. Zhao*** and L. Fan, "The triple power play: Green finance, green innovation, and renewable energy in transforming China's carbon footprint," *Applied Economics Letters*, vol. 0, no. 0, pp. 1–6, (ABS1，中科院四区).
2. Y. Yang, L. Wei, and **Q. Zhao**, "Fast and "furious": 24h pharmacy empathy in online reviews," *Kybernates*, Accepted (ABS1，中科院四区).
3. **Q. Zhao**, W. Wu, Y. Ge, and J. Xu, "Can intellectual property protection policy enhance enterprise innovation capability? Quasi-natural experimental study," en-US, *International Review of Financial Analysis*, vol. 103, p. 104 163, Jul. 2025, (ABS3，中科院一区 TOP).
4. **Q. Zhao***, L. Fan, H. Chen, Y. Yang, and Z. Wang, "Green innovation and carbon emission reduction: Empirical insights from spatial durbin and dynamic threshold models," *International Review of Financial Analysis*, vol. 101, p. 103 997, May 2025, (ABS3，中科院一区 TOP).
5. Y. Yang, L. Wei, L. Fan, and **Q. Zhao***, "Charting the path to consumer satisfaction: An innovative investigation into fresh e-commerce through text mining and spatiotemporal analysis," *E+M Ekonomie a Management*, pp. 1–21, 2025, (中科院四区).

6. H. Chen and **Q. Zhao***, "Exploring the voice of inbound tourists: A study on the perceived image of ethnic-minority village tourism with impact on satisfaction," *Journal of Quality Assurance in Hospitality & Tourism*, no. 0, pp. 1–24, 2025, (ABS1，中科院四区).

7. X. Liu and **Q. Zhao***, "Banking competition, credit financing and the efficiency of corporate technology innovation," *International Review of Financial Analysis*, p. 103 248, Mar. 2024, (ABS3，中科院一区 TOP).

8. Z.-l. Teng, C. Guo, **Q. Zhao***, and M. S. Mubarik, "Antecedents of green process innovation adoption: An AHP analysis of China's gas sector," *Resources Policy*, vol. 85, p. 103 959, Aug. 2023, (ABS2，中科院二区 TOP).

9. W. Yang, R. Hua, and **Q. Zhao***, "A sequence-to-sequence traffic predictor on software-defined networking," *International Journal of Web and Grid Services*, vol. 17, no. 3, pp. 268–291, Jan. 2021, (中科院四区).

会议论文

1. W. Yang, R. Hua, and **Q. Zhao**, "Sequence Generative Adversarial Network for Chinese Social Media Text Summarization," in *2019 Chinese Automation Congress (CAC)*, ISSN: 2688-092X, Nov. 2019, pp. 4620–4625.

2. W. Yang, **Q. Zhao**, and R. Hua, "Design and Implementation of Application Classification Based on Deep Learning," in *2019 Chinese Automation Congress (CAC)*, ISSN: 2688-092X, Nov. 2019, pp. 4821–4826.

3. W. Yang, **Q. Zhao**, and R. Hua, "A Method for Massive Scientific Literature Clustering Based on Hadoop," in *2019 Chinese Automation Congress (CAC)*, ISSN: 2688-092X, Nov. 2019, pp. 5518–5523.

4. **Q. Zhao**, W. Yang, and R. Hua, "Design and Research of Composite Web Page Classification Network Based on Deep Learning," in *2019 IEEE 31st International Conference on Tools with Artificial Intelligence (ICTAI)*, (CCF-C), Nov. 2019, pp. 1531–1535.

5. **Q. Zhao** and W. Yang, "Multi-label classification of technical articles based on deep neural network," in *2019 Chinese Control Conference (CCC)*, Guangzhou, China: IEEE, Jul. 2019, pp. 8391–8397.

工作论文

1. **Q. Zhao** and K. Motohashi, "Tracking semantic changes with contextual embeddings: A simple, stable, and interpretable method," Under review of ICML2025 (CCF-A).

2. **Q. Zhao*** and K. Motohashi, "Identifying the creation and impact of new technologies based on semantic change detection and diachronic word embedding," Under preparation.

3. Y. Yang and **Q. Zhao***, "Recommended, purchased, disappointed? - exploring the divergent effects of algorithmic product recommendations on sales and satisfaction," Under Review of *Journal of Retailing and Consumer Services*.

4. K. Motohashi and **Q. Zhao***, "University as a Knowledge Source of Innovation: A spatial analysis of the impact on local high-tech startup creation," Research Institute of Economy, Trade and Industry (RIETI), Discussion paper, Apr. 2023, Under review of AOM 2025.

实习经历

日本经济产业研究所 (RIETI) 研究助理   *2022.09 – 2025.03*
· 创新发现模型研究 (2024, JSPS, 参研)
· 数字创新模型-创新的地理分布研究 (2023, JSPS, 参研)
· 中国·印度·泰国的技术赶超研究 (2022, JSPS, 参研)

北京市科学技术情报研究所 项目成员   *2017.09 – 2019.04*
· 学科知识融合与新学科预测系统 (2019, 参研)
· 前沿科技文献的评分与推荐系统 (2018, 参研)
· 学科新知识发现系统的设计与研究 (2018, 参研)
· 中国互联网文本观点提取与管理系统 (2017, 参研)

中国信息安全测评中心 项目成员   *2017.01 – 2017.10*

获奖

日本政府文部科学省奖学金 (MEXT)	*2021 – 2025*
KAGGLE 大数据竞赛银奖·铜奖	*2018-2019*
科大讯飞大数据竞赛第四名	*2019*
北京邮电大学一等·二等奖学金	*2014 – 2019*
北京邮电大学三好学生	*2014 – 2018*
中国大学生数学建模全国二等奖	*2015*

其他	**编程**	C, Java, Python, Javascript, R
	工具	Git, Adobe Illustrator, Prezi, ArcGis, Matlab, Mathematics, LaTeX
	语言	Chinese, English (GRE 336), Japanese (N1)
	审稿	*Technological Forecasting and Social Change* (JCR Q1, ABS3), *Humanities and Social Sciences Communications* (JCR Q1), *PLOS ONE* (JCR Q1), *International Review of Financial Analysis* (JCR Q1, ABS3), *Financial Innovation* (JCR Q1, ABS2), *Heliyon* (JCR Q1), *Asia Pacific Journal of Marketing and Logistics* (JCR Q2, ABS1), *Applied Economics Letters* (JCR Q3, ABS1), *AOM Annual Meeting*