

崔琦

副教授、硕导，经济学系

山东省泰山学者青年专家（2023）

办公室：文理楼533

电话：18810775966

Email: cuiqi@upc.edu.cn



研究兴趣

能源经济与政策

环境经济与管理

农业经济政策

可计算一般均衡模型

主讲课程

本科生《世界经济概论》、《国际能源合作》、《经济史》、《国际贸易综合模拟实验》等

研究生《高级计量经济学》《文献阅读与开题报告》

教育经历

2012-2016年，中国科学院大学，管理学博士（农业经济管理）

2009-2012年，辽宁大学，经济学硕士（西方经济学）

2005-2009年，北京理工大学，经济学学士（经济学）

工作经历

2023年至今，中国石油大学（华东）经济与管理学院，副教授

2021-2023年，北京师范大学经济与资源管理研究院，副教授

2018-2021年，北京师范大学经济与资源管理研究院，讲师

2016-2018年，北京大学国家发展研究院、现代农学院，博士后

承担项目

主持完成包括国家自然科学基金项目、国家重点研发计划子课题、北京市自然科学基金项目、山东省重点研发计划（软课题）在内的各类型科研项目 8 项，作为课题骨干参与完成国家自然科学基金、国家社会科学基金等项目 10 余项。

目前在研的重要科研项目包括：

1. 国家自然科学基金面上项目，72373163，碳中和目标下中国居民群体不平等影响研

究—基于微观模拟和CGE模型双向耦合，2024/1-2027/12，41万，在研，项目主持人。

2. 国家自然科学基金专项，72342005，面向区域融合的新型能源系统发展路径研究，2024/1-2027/12，200万，在研，子课题负责人。

3. 山东省重点研发计划（软科学）课题重点项目，2024RZB0105，“双碳”背景下山东省推进工业节能减排对策研究，2024/1-2025/12，6万，在研，项目主持人。

4. Australia Grain-Australia National University国际合作项目，HX20250329，Understanding and Prioritising Non-Tariff Measures，2024/11-2025/9，5万澳元，在研，项目主持人。

发表论著

在Nature Climate Change、Nature Communications、Nature Plants等综合类期刊、Energy Economics、Technological Forecasting & Social Change、China Economic Review、Transport Policy、Structural Change and Economic Dynamics、China Agricultural Economic Review、Applied Economics等学科领域内主流学术期刊及Applied Energy、RSER、EST Letter、JCP等SCI一区期刊发表论文 50 余篇，包含 3 篇ESI高被引论文；出版（合作出版）学术专著 3 部。

2025

Yu Liu, Mingxi Du, Lingyu Yang, Qi Cui, Yawen Liu, Xinbei Li, Nenggao Zhu, Ying Li, Chen Jiang, Peng Zhou, Qiuyu Liu & Canfei He. (2024). Mitigation policies interactions delay the achievement of carbon neutrality in China. Nature Climate Change, 15, 147–152. <https://doi.org/10.1038/s41558-024-02237-2> (共同通讯作者). Nature子刊. SCI Q1. ESI全球前1%高被引论文.

Cui, Q., Li, X., Bai, X., He, L., Liu, M., 2025a. How the synergy effect between renewable electricity deployment and terminal electrification mitigates transportation sectors' carbon emissions in China? Transport Policy 166, 135–147. <https://doi.org/10.1016/j.tranpol.2025.03.007> (第一作者) SSCI Q1, ABS2

Cui, Q., Zhang, X., Yang, L., Ali, T., Yang, Y., Wang, H., Liu, R., 2025b. Assessing decarbonization pathways by weighing carbon mitigation efficiency and risks in China's energy system. Environmental Impact Assessment Review 114, 107935. <https://doi.org/10.1016/j.eiar.2025.107935> (第一作者) SSCI Q1,

He, L., Chen, J., Chen, H., Cui, Q., 2025. Regional economic impact of flood disasters in Yangtze River Economic Zone: A TERM model with a decomposition analysis approach. International Journal of Disaster Risk Reduction 120, 105346. <https://doi.org/10.1016/j.ijdrr.2025.105346> (通讯作者) SCI Q1

Li, X., He, L., Cui, Q., Chen, H., 2025. Environmental and economic impact of modal

shift policy in China's freight transportation. *Transportation Research Part D: Transport and Environment* 140, 104617. <https://doi.org/10.1016/j.trd.2025.104617> (通讯作者) SSCI Q1, ABS2

2024

Li, Y., Jiang, C., Li, X., Zhang, J., Wang, Y., Yang, X., Cui, Q., Liu, Y., 2024. The structural change and determinants of global carbon footprint network embodied in international migration: A social network analysis. *Journal of Cleaner Production* 449, 141651. <https://doi.org/10.1016/j.jclepro.2024.141651> (通讯作者) SCI Q1

He, L., Li, X., Cui, Q., Guan, B., Li, M., Chen, H., (2024). Decarbonization pathways to subregional carbon neutrality in China based on the top-down multi-regional CGE model: A study of Guangxi. *Energy* 294, 130846. (通讯作者). SCI Q1

Zuo, M., Cui, Q., Yu, S., 2024. Digital transformation and household energy consumption: Evidence from the "Broadband China" policy. *Journal of Cleaner Production* 473, 143551. <https://doi.org/10.1016/j.jclepro.2024.143551> (通讯作者). SCI Q1

Xiang, T., Du, M., Yang, L., Wang, Z., Liu, Q., Zhong, H., Cui, Q., Liu, Y., 2024. Impacts of trade facilitation on greenhouse gas emissions in the Belt and Road Initiative countries. *Resources, Conservation and Recycling* 209, 107777. <https://doi.org/10.1016/j.resconrec.2024.107777> SCI Q1

Zhang, Liying, Liu, Z., Zhang, Lixiao, Liu, Yu, Shan, Y., Wang, X., Liu, Yize, Zhang, Lixiu, Li, Xinbei, Li, Xiaofan, Hao, Y., Cui, Q., 2024. Modelling the socio-economic impacts of coal-fired electricity phaseout under carbon neutrality target: A dynamic CGE-based study of China. *Resources, Conservation and Recycling* 205, 107563. <https://doi.org/10.1016/j.resconrec.2024.107563> SCI Q1

2017-2023（部分代表作）

Liu, Y., Du, M., Cui, Q., Lin, J., Liu, Y., Liu, Q., Tong, D., Feng, K., & Hubacek, K. (2022). Contrasting suitability and ambition in regional carbon mitigation. *Nature communications*, 13(1), 1-9. (共同第一作者). *Nature*子刊. SCI Q1

Cui, Q., Ali, T., Xie, W., Huang, J., & Wang, J. (2022). The uncertainty of climate change impacts on China's agricultural economy based on an integrated assessment approach. *Mitigation and Adaptation Strategies for Global Change*, 27(3), 1-22. (第一作者). SCI Q2.

Yanting Zheng, Huidan Yang, Jinyuan Huang, Qi Cui*, Jinyan Zhan. (2022). Industrial agglomeration measured by plants' distance and CO2 emissions: Evidence from 268 Chinese prefecture-level cities. *Technological Forecasting & Social Change*, 176, 121469. (共同通讯作者). SSCI Q1

Cui, Q., He, L., Liu, Y., Zheng, Y., Wei, W., Yang, B., & Zhou, M. (2021). The impacts

of COVID-19 pandemic on China' s transport sectors based on the CGE model coupled with a decomposition analysis approach. *Transport Policy*, 103, 103-115. (第一作者). SSCI Q1. ABS 2. ESI全球前1%高被引论文.

Cui, Q., Yuan, B., Zhou, Y., Chen, H., Hu, Y., 2021. Will bad air quality affect the siting of foreign-invested manufacturing enterprises? The evidence from China. *Applied Economics* 53, 5221–5241. <https://doi.org/10.1080/00036846.2021.1922588>. (第一作者). SSCI Q2. ABS 2.

Liu, Yawen, Cui, Q., Liu, Yu, Zhang, J., Zhou, M., Ali, T., Yang, L., Feng, K., Hubacek, K., Li, X., 2021. Countermeasures against economic crisis from COVID-19 pandemic in China: An analysis of effectiveness and trade-offs. *Structural Change and Economic Dynamics* 59, 482–495. <https://doi.org/10.1016/j.strueco.2021.09.017> (共同第一作者). SSCI Q1. ABS 2.

Cui, Q., Liu, Y., Ali, T., Gao, J., & Chen, H. (2020). Economic and climate impacts of reducing China' s renewable electricity curtailment: a comparison between CGE models with alternative nesting structures of electricity. *Energy Economics*, 91, 104892. (第一作者). SSCI Q1. ABS 3.

Cui, Q., He, L., Han, G., Chen, H., & Cao, J. (2020). Review on climate and water resource implications of reducing renewable power curtailment in China: A nexus perspective. *Applied Energy*, 267, 115114. (第一作者). SCI Q1.

Wei Xie, Wei Xiong, Jie Pan, Tariq Ali, Qi Cui, Dabo Guan, Jing Meng, Nathaniel D. Mueller, Erda Lin & Steven J. Davis. (2018). Decreases in global beer supply due to extreme drought and heat. *Nature Plants*, 4.11: 964-973. *Nature*子刊. SCI Q1. ESI全球前1%高被引论文.

奖励和荣誉

山东省泰山学者青年专家，2023

CAER期刊高被引论文将，2020

河南省社会科学优秀成果奖三等奖（排2），2018

科技部领跑者5000-中国精品科技期刊顶尖学术论文，2018

学术兼职

中国林牧渔业经济学会理事

《中国人口·资源与环境》期刊学术编辑

国家自然科学基金通讯评审专家

担任Energy Economics, Climatic Change, Technological Forecasting & Social

Change, Applied Economics, China Agriculture Economic Review, Australian Journal of Agricultural and Resource Economics, Energy等SCI/SSCI期刊匿名评审专家