# 黄晨晨

出生年月：1996.01 ◇ 民族：汉族 ◇ 政治面貌：中共党员 ◇ 籍贯：福建福州
+(86) 13774655466 ◇ huangcc@stu.xmu.edu.cn ◇ https://chenchen-huang.github.io/
福建省厦门市思明区思明南路 422 号厦门大学，邮编 361005

## 教育经历

**厦门大学**（管理学博士） *2021.9 - 2025.6*（预计）
· 技术经济及管理专业 (能源管理与政策)，导师：**林伯强** (2007 年度“长江学者”特聘教授)
· 研究方向：**能源经济**、**数字经济**，博士毕业论文：《数字经济的节能减排效应研究》

**华北电力大学**（管理学硕士） *2018.9 - 2021.6*
· 技术经济及管理专业，导师：孙薇

**华北电力大学**（管理学学士） *2014.9 - 2018.6*
· 工商管理专业，以专业第一的成绩保研

## 学术成果

**已发表成果:15 篇（6 一作 | 6 通讯 | 6 ESI 高被引）**

· **黄晨晨**, Boqiang Lin*, Improving Energy Efficiency Through the Digital Economy in Mainland China: Easier Said Than Done. **IEEE Transactions on Engineering Management**, 72: 326-334, 2025. （ABS 3，中科院 3 区，SCI、SSCI）

· **黄晨晨**, Boqiang Lin*, The impact of digital economy on energy rebound effect in China: A stochastic energy demand frontier approach. **Energy Policy**, 182: 113735, 2025. （中科院 2 区，SCI、SSCI）

· **黄晨晨**, Anna Min Du, Boqiang Lin*, How Does the Digital Economy Affect the Green Transition: The Role of Industrial Intelligence and E-Commerce. **Research in International Business and Finance**, 102541, 2024. （中科院 2 区，SSCI）

· **黄晨晨**, Boqiang Lin*, Digital economy solutions towards carbon neutrality: The critical role of energy efficiency and energy structure transformation. **Energy**, 306: 132524, 2024. （中科院 1 区，SCI）

· **黄晨晨**, Boqiang Lin*, How digital economy index selection and model uncertainty will affect energy green transition. **Energy Economics**, 107774, 2024. （ABS 3，中科院 2 区，SSCI）

· **黄晨晨**, Boqiang Lin*, Promoting decarbonization in the power sector: How important is digital transformation? **Energy Policy**, 182: 113735, 2023. （中科院 2 区，SCI、SSCI）

· Boqiang Lin*, **黄晨晨**, How will promoting the digital economy affect electricity intensity? **Energy Policy**, 173: 113341, 2023. （中科院 2 区，SCI、SSCI、**ESI 高被引**）

· Boqiang Lin*, **黄晨晨**, Promoting variable renewable energy integration: The moderating effect of digitalization. **Applied Energy**, 337: 120891, 2023. （中科院 1 区，SCI、**ESI 高被引**）

· Boqiang Lin*, **黄晨晨**, Nonlinear relationship between digitization and energy efficiency: Evidence from transnational panel data, **Energy**, 276: 127601, 2023. （中科院 1 区，SCI）

· Boqiang Lin*, **黄晨晨**, Analysis of emission reduction effects of carbon trading: Market mechanism or government intervention?, **Sustainable Production and Consumption**, 33: 28–37, 2022. （中科院 1 区，SCI、SSCI、**ESI 高被引**）

**工作论文**

- **黄晨晨**, 林伯强 *, 数字经济的绿色悖论：能源转型有多重要 **Working Paper**

## 项目经历

- 碳中和框架下的能源产业升级、环境污染治理与经济高质量发展 (**国家自然科学基金委重点项目**) **主要参与**
- “双碳”目标对生产率的中长期影响测度与动态监测研究 (**教育部哲学社会科学重大攻关项目**) **主要参与**
- 电力清洁低碳与安全高效发展研究 (自然资源保护协会咨询项目) **主要参与**
- “双碳”目标下新型电力系统建设与电价政策研究 (兴业银行咨询项目) **主要参与**
- 新型电力系统建设效率效益评估标准与指标体系研究 (国家电网福建省电力有限公司咨询项目) **主要参与**

## 获奖情况

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| 博士研究生国家奖学金 | 教育部 | 博士阶段 |
| 硕士研究生国家奖学金 | 教育部 | 硕士阶段 |
| 河北省优秀硕士学位论文 | 河北省教育厅 | 硕士阶段 |
| 河北省三好学生 | 河北省教育厅 | 硕士阶段 |
| 河北省普通高校优秀毕业生 | 河北省教育厅 | 本科阶段 |

## 其他

**学术会议**

- 2023.6：第五届能源环境与气候变化经济学者论坛，经济研究编辑部
- 2022.8：第四届能源环境与气候变化经济学者论坛，经济研究编辑部
- 2022.8：2022 International Conference on Climate and Energy Finance (ICEF 2022)

**助教经历**

- 2023.9-2024.6，研究生课程：电力工程与技术、高级计量经济学，厦门大学管理学院
- 2022.9-2023.1，本科生课程：宏观经济学，厦门大学管理学院

**学术兼职**

- 担任 Energy Conversion and Management, Technological Forecasting and Social Change, Journal of Cleaner Production, Energy, Financial Innovation, Process Safety and Environmental Protection 等期刊匿名审稿人。

**专著撰写**

- 《中国能源发展报告》系列丛书（主编：林伯强）：2022-2023 年，共两册，主要参与。
- 《新质生产力引领下的绿色转型》（主编：林伯强）：2024 年，主要参与。
- 《新质生产力引领下的能源变革》（主编：林伯强）：2024 年，主要参与。

# Chenchen Huang

https://chenchen-huang.github.io/ | huangcc@stu.xmu.edu.cn | +86 13774655466

## Summary

I am currently a Ph.D Candidate at the Xiamen University, a research affiliate at the China Institute for Studies in Energy Policy. My research interests include energy economics, digital economy, and climate change.

## Education

2021 - present PhD at **Xiamen University**, Technical Economy and Management (Research interests: Energy management and policy),Tutor: Prof. Lin Boqiang

2018 - 2021 Master's Degree at **North China Electric Power University**, Technical Economy and Management

2014 - 2018 Bachelor's Degree at **North China Electric Power University**, Business Administration

## Publications

Huang, Chenchen and Boqiang Lin (2025a). "Improving Energy Efficiency Through the Digital Economy in Mainland China: Easier Said Than Done". In: *IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT* 72, pp. 326–334. ISSN: 0018-9391. DOI: 10.1109/TEM.2024.3524514.

– (Jan. 2025b). "The impact of digital economy on energy rebound effect in China: A stochastic energy demand frontier approach". In: *ENERGY POLICY* 196. ISSN: 0301-4215. DOI: 10.1016/j.enpol.2024.114418.

Huang, Chenchen et al. (Jan. 2025). "How does the digital economy affect the green transition: The role of industrial intelligence and E-commerce". In: *RESEARCH IN INTERNATIONAL BUSINESS AND FINANCE* 73.A. ISSN: 0275-5319. DOI: 10.1016/j.ribaf.2024.102541.

Huang, Chenchen and Boqiang Lin (Oct. 2024a). "Digital economy solutions towards carbon neutrality: The critical role of energy efficiency and energy structure transformation". In: *ENERGY* 306. ISSN: 0360-5442. DOI: 10.1016/j.energy.2024.132524.

– (Aug. 2024b). "How digital economy index selection and model uncertainty will affect energy green transition". In: *ENERGY ECONOMICS* 136. ISSN: 0140-9883. DOI: 10.1016/j.eneco.2024.107774.

– (Nov. 2023). "Promoting decarbonization in the power sector: How important is digital transformation?" In: *ENERGY POLICY* 182. ISSN: 0301-4215. DOI: 10.1016/j.enpol.2023.113735.

Lin, Boqiang and Chenchen Huang (Feb. 2023a). "How will promoting the digital economy affect electricity intensity?" In: *ENERGY POLICY* 173. ISSN: 0301-4215. DOI: 10.1016/j.enpol.2022.113341.

– (Aug. 2023b). "Nonlinear relationship between digitization and energy efficiency: Evidence from transnational panel data". In: *ENERGY* 276. ISSN: 0360-5442. DOI: 10.1016/j.energy.2023.127601.

– (May 2023c). "Promoting variable renewable energy integration: The moderating effect of digitalization". In: *APPLIED ENERGY* 337. ISSN: 0306-2619. DOI: 10.1016/j.apenergy.2023.120891.

Lin, Boqiang and Chenchen Huang (Sept. 2022). "Analysis of emission reduction effects of carbon trading: Market mechanism or government intervention?" In: *SUSTAINABLE PRODUCTION AND CONSUMPTION* 33, pp. 28–37. ISSN: 2352-5509. DOI: 10.1016/j.spc.2022.06.016.

Sun, Shufen and Chenchen Huang (Feb. 2021). "Energy structure evaluation and optimization in BRICS: A dynamic analysis based on a slack based measurement DEA with undesirable outputs". In: *ENERGY* 216. ISSN: 0360-5442. DOI: 10.1016/j.energy.2020.119251.

Sun, Wei and Chenchen Huang (Nov. 2020a). "A hybrid air pollutant concentration prediction model combining secondary decomposition and sequence reconstruction". In: *ENVIRONMENTAL POLLUTION* 266.3. ISSN: 0269-7491. DOI: 10.1016/j.envpol.2020.115216.

– (Sept. 2020b). "A novel carbon price prediction model combines the secondary decomposition algorithm and the long short-term memory network". In: *ENERGY* 207. ISSN: 0360-5442. DOI: 10.1016/j.energy.2020.118294.

## Experience

**Teaching assistant**

- Advanced Econometrics, Postgraduate course, Xiamen University, School of Management, 2023 and 2024.
- Electric Power Engineering and Technology, Postgraduate course, Xiamen University, School of Management, 2024.
- Macroeconomics, Undergraduate course, Xiamen University, School of Management, 2022.

**Reviewer**

Serves as an anonymous reviewer for the following journals: Energy Conversion and Management, Renewable Energy, Technological Forecasting and Social Change, Journal of Cleaner Production, Energy, Financial Innovation, Process Safety and Environmental Protection, etc.

**Academic conference**

- Aug 2022: 2022 International Conference on Climate and Energy Finance (ICEF, Organized by the Climate Finance Research Branch of China Society of Optimal Selection Law and Economic Mathematics).
- 2022-2023: The 4th and 5th China Energy, Environment and Climate Change Economic Scholars Forum (Organized by the Economic Research Editorial Department).

## Projects

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| Key Participant | Research on Clean, Low-carbon and Safe and Efficient Development of Electricity (Natural Resources Defense Council, 2023) |
| Key Participant | Study on the measurement and dynamic monitoring of the medium and long term influence of dual carbon target on productivity (Major research topics in philosophy and social sciences of Ministry of Education, 2022) |

## Honor and Awards

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| Dec 2024 | National Scholarship for Ph.D Students |
| Jan 2023 | Excellent Master's Degree Thesis in Hebei Province |
| May 2021 | Merit Student in Hebei Province |
| Dec 2020 | National Scholarship for Master's Students |
| May 2018 | Outstanding Graduates of Colleges and Universities in Hebei Province |