HEYAN TANG

EDUCATION

Ph.D. Economics Xi'an Jiaotong University 2027 (expected)
M.A. Economics Shaanxi Normal University 2023

B.A. Economics Beijing Normal University 2019 (dual-degree)

B.S. Mathematics Beijing Normal University 2019

RESEARCH INTERESTS

Primary: Labor Economics, Development Economics

Secondary: Environmental Economics

PUBLICATIONS

In English

• Robot adoption and firm export: Evidence from China

- With Yuanyuan Cao, Shaojian Chen (2025)
- Technological Forecasting & Social Change

• Time preferences and energy consumption of rural household in China

- With Hui Mao, Chaoqian Shi, Yufeng Lu (2024)
- Energy Economics
- Exploring preference and willingness for rural water pollution control: A choice experiment approach incorporating extended theory of planned behaviour
 - With Lan Mu, Muge Mou, Shengrong Gao (2023)
 - Journal of Environmental Management
- Innovation-driven development and urban carbon emission reduction: A quasi-natural experiment in China
 - With Lan Fang, Muge Mou (2023)
 - Environmental Science and Pollution Research
- Does the water resource "fee to tax" policy alleviate water poverty? Evidence from a quasi-natural experiment
 - With Lan Mu, Muge Mou (2022)
 - Water Supply

In Chinese

- Research on the Carbon Emission Reduction Effect of Environmental Protection Interview Policy
 - With Shanshan Wang (2023)
 - Collected Essays on Finance and Economics
- Impacts of National Independent Innovation Demonstration Zone Construction on Urban Air Pollution: Evidence from a Quasi-Natural Experiment
 - With Lan Fang (2022)
 - Journal of Xi'an Jiaotong University (Social Science Edition)
- The Effect of Carbon Emissions Trading on Corporate Carbon Emission Reduction ——Analysis of Quasinatural Experimental Methods Based on Data from Chinese Listed Companies
 - With Lan Fang, Jun Li (2022)
 - Journal of Shaanxi Normal University (Philosophy and Social Science Edition)
- Study on Water Poverty Evaluation and Spatial-Temporal Differentiation Characteristics in the Yellow River Basin
 - With Muge Mou, Lan Mu (2023)
 - Yellow River

WORKING PAPERS

- The "War for Talents" and Regional Allocation Efficiency of Labor Factors: A Study Based on Quantitative Spatial General Equilibrium Model
- Assessing the impacts of innovation-driven policies on the carbon reduction performance of Chinese listed companies
- Do industrial robots affect the productivity of incumbent firms or new entrants?
- Intergenerational Effects of Fertility Restrictions on Reproductive Choices

HONORS & AWARDS

- 2022 National Scholarship
- 2021 The First Prize Scholarship at Shaanxi Normal University
- 2018 The First Prize Scholarship at Beijing Normal University

SKILLS

- Knowledge Base: Microeconomics; Macroeconomics; Econometrics
- Software Usage: Stata, Matlab, Python, ArcGIS, LaTex
- Methodologies: Empirical analysis (DID, DDD, RD, OLS+IV); Structural estimation
- Command of Language: Mandarin (native); English (practiced)