

Jia Wang



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| Dept/Fields: | Department of Applied Economics |

Academic Qualification

2009 – 2014 Ph.D.: Macau University of Science and Technology, Finance.
2005 – 2008 Master: Macau University of Science and Technology, Finance.
2001 – 2005 BS/BA: University of Macau, Economics and International Finance.

Working Experience

2019 – Present Associate Professor / MUST
2014 – 2019 Assistant Professor / MUST
2008 – 2014 Lecturer / MUST

Teaching Activities

Econometrics
Corporate Finance
Financial Management

Research Interest

Economics
Corporate finance
Applied econometrics

Selected Publications

- 1) **Jia Wang**, Lanze Li, Tao Shen. (2025). "Interstage market spillovers of the photovoltaic industry chain in China." *Scientific Reports*. (SCI)
- 2) **Jia Wang**, Hangdi Zhao. (2025). " Smart Tourism Cities and Income Equity: How Digital Economy Reshapes Urban-Rural Disparities." *International Journal of Economic*. (ESCI)
- 3) **Jia Wang**, Hangdi Zhao. (2025). "Enterprise digital transformation and sustainable productivity." *Discover Sustainability*. (ESCI)
- 4) Hongying Wang, **Jia Wang***, Yufei Lyu, Xuetao Li. (2025). "The impact of supply chain digitisation on sustainable development in global panel data. Does the energy efficiency matter? " *Energy Economics*. (SSCI)
- 5) Baolin Li, **Jia Wang***, Abdelmohsen A. Nassani, Rima H. Binsaeed, Zeyun Li. (2023). "The future of Green energy: A panel study on the role of renewable resources in the transition to a Green economy." *Energy Economics*. (SSCI)
- 6) Didong Xu, Yadi Chen, **Jia Wang***, and Xiaoyue Huang. (2023). "Legal environmental regulation and green technology innovation of energy enterprises: Based on panel threshold regression." *Frontiers in Energy Research*. (SCI)
- 7) Xuetao Li, **Jia Wang***, Chengying Yang. (2023). "Risk prediction in financial management of listed companies based on optimized BP neural network under digital economy." *Neural Computing & Applications*. (SCI)
- 8) Liu, Jie; Wang, Jia*; Geng, Zhibiao; Wang, Yifu. (2021). "Linking leader–member exchange to employee voice behavior: The mediating role of self-efficacy. " *Social Behavior and Personality: an international journal*, Volume 49, Number 12, 2021, pp. 1-8(8). (SSCI)
- 9) Liang Li, **Jia Wang***, Xuetao Li. (2020). "Efficiency Analysis of Machine Linearning Intelligent Investment Based on K-means Algorithm." *Ieee Access* (Online). (SCI)
- 10) Rong Wang, Chuangang Yu, and **Jia Wang***. (2019). "Construction of Supply Chain Financial Risk Management Mode Based on Internet of Things." *Ieee Access*, 7: 110323-110332. (SCI)
- 11) **Jia Wang**, Chuangang Yu, and Juying Zhang*. (2019). "Constructing the regional intelligent economic decision support system based on fuzzy C-mean clustering algorithm. " *Soft Computing*. (SCI)

- 12) Zhuo Zhang* and **Jia Wang**. (2019). "Financial Model based on Principle Component Analysis and Support Vector Machine." *International Journal of Circuits, Systems and Signal Processing*, 13: 183-190.
- 13) **Jia Wang***, Zhuo Zhang, Peng Bei. (2017). "Demand prediction of papermaking investment for public welfare area based on principal component nonlinear regression model. " *Paper Asia*, Compendium1: 17-21
- 14) Li Sheng*, Tao Li, and **Jia Wang**. (2017). "Tourism and externalities in an urban context: Theoretical model and empirical evidence." *Cities*, 70: 40-45. (SSCI)
- 15) **Jia Wang***, Zhuo Zhang, Bei Peng. (2017). "Product pricing model in E-commerce based on strategic behavior of consumers. " *Boletin Tecnico*, 55(13): 137-149.
- 16) **Jia Wang**, Shaosong Wang, Xinyang Zhang. (2022). "An empirical study of herding behavior in Chinese gold futures market." *Journal of Macau University of Science and Technology*, Vol 17 (1), 48.
- 17) Zhuo Zhang, **Jia Wang**. (2018). "International Comparison of Accounting for Pension Plans." *Financial and Accounting Monthly*, 791: 111-118.
- 18) **Jia Wang**, Zhuo Zhang. (2016). "The experience of American agricultural insurance development model and its enlightenment to China. " *Agricultural Economy*, 4: 117-119.
- 19) **Jia Wang**, Zhuo Zhang. (2015). "Effect of Efficiency of Urban and Rural Trade Circulation on Urbanization and Empirical Test. " *Journal of Commercial Economics*, 659: 9-18.
- 20) Zhuo Zhang, **Jia Wang**. (2015). "The empirical Study of the corporate earnings quality of Chinese US-Listed Companies. " *Friends of Accounting*, 8: 64-67.
- 21) Fei Huang, **Jia Wang**. (2013). "A research in customer behavior on the basis of Customer Perceived Value. " *Commercial Research*, 434: 19-27
- 22) Fei Huang, **Jia Wang**. (2013). "The empirical study of logistics service quality evaluation within online shopping in China. " *Techno economics & Management Research*, 10: 54-58.

Other Professional Activities.

- 1) Research on the Development of Cross-border Elderly Care Strategies in Macao - A Case Study of the Greater Bay Area. Macau University of Science and Technology, The Institute for Sustainable Development, 2024
- 2) State of Energy efficiency in the Macau S.A.R, 2021. Macao Environmental Protection Bureau. 2021
- 3) *Investigation on the program contact rate and audience receiving multimedia Channels of TDM.* TDM, 2020.
- 4) *Consultation in the New Long & Mid-Term Proposal of Macau Youth Policy (Phase II).* Education and Youth Affairs Bureau of the Macau S.A.R, 2019 – 2020.
- 5) *The Study of Non-Tertiary “National Education” in Macau.* CPPCC National Committee (Macau S.A.R), 2019.
- 6) *Study of “The Financing Policy of Macau Healthcare”.* Health Bureau of Macau S.A.R, 2019.
- 7) *The Survey of Public Attitude Toward the Government of Macau in 2018.* Macau Foundation, 2019.
- 8) *The Research in Macau Technological Innovations and Industry Development.* Science and Technology Development Fund of Macau, 2018 – 2019.
- 9) *The Survey of Public Attitude Toward the Government of Macau in the Third Quarter of 2017.* Macau Foundation, 2018.
- 10) *A Quantitative Analysis of Gambling in Macau (2020-2030) from the Perspective of Regional Competitiveness and the Industrial Development.* Economic Bureau of Macau S.A.R, 2017 – 2018.
- 11) *Pricing Model of E-Commerce Products on the Basis of Customer Behavior (FRG-17-008-MSB).* Macau University of Science and Technology Foundation, 2017.
- 12) *A Research in the Macau Community Economy.* Economic Bureau of Macau S.A.R, 2016 – 2017.
- 13) *A Survey of Implementation of District Cooling System in Macau.* Macau Tongmin Clean Energy Ltd., 2016 – 2017.

- 14) *The Project of “New Macau Neighborhood”, Hengqing District*. Affairs Bureau of Macau (Hengqing District, Zhuhai, China), 2016.
- 15) *A Policy for Promoting Conviviality in Local Families that Hire Domestic Helpers: Culture, Conflicts and Satisfaction*. The Women’s General Association of Macau, 2016.
- 16) *Strategic Development of Macau and Hongkong Banks in Greater Bay Area*. Luso International Banking, Ltd., 2016.
- 17) *A Study of Current Situations of Exchange Rate System in Macau*. The Institute for Sustainable Development (TISD) of Macau University of Science and Technology, 2011-2012.
- 18) *Report on Social & Economic Impact of Macau Light Rapid Transit System (Phase I & II)*. Transportation Infrastructure Office of Macau S.A.R, 2010-2011.