



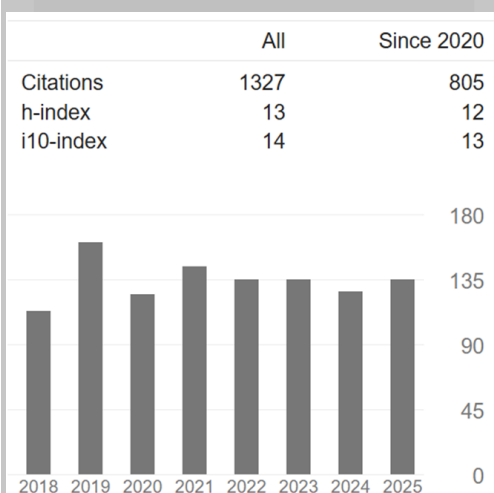
Dr. TIAN Yihui
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Research Area

Sustainable Supply Chain Management
 Digital Operations Management
 Regional and Industrial Carbon Emission
 Environmental and Health Data Analysis
 Industrial Policy

Google Scholar



Publication in Refereed Journal

English journal (SCI&SSCI) :

- ◆ Yihui Tian*, Qinyuan Zhang, Tiffany C. H. Leung (2025). Multi-factor Driving Paths of Green Supply Chain Management Implementation in Leading Manufacturers: A Fuzzy-set Qualitative Comparative Analysis. *International Journal of Production and Economics*, 287, 109689. (SSCI Q1, ABDC-A, ABS-3)
- ◆ Yihui Tian*, Enyi Lai, Yuxi Fu, Yanchen Li (2025). Exploring the Impacts of ESG Disclosure on Corporate Financing Constraints: A Perspective of Classifying Corporate Carbon Emissions. *Corporate Social Responsibility and Environmental Management*, 1-28. (SSCI Q1, ABS-1)
- ◆ Yihui Tian, Lingjun Ou, Jingwei Guo, Zhen-Song Chen*, Zhaxi Chen (2025). A Configuration of Green Supply Chain Management Strategy in the Net Zero Economy : An Assessment of Global Leading Companies. *Energy*, 135642. (SCI Q1)
- ◆ Qi Shen, Jingwei Guo*, Yihui Tian, Zhen-Song Chen, (2025). An EMD-based forecasting framework integrating GMM and BiLSTM for helicopter engine anomaly detection. *Journal of Industrial Information Integration*, 48, 101003. (SCIE Q1)
- ◆ Yihui Tian*, Qinyuan Zhang, Enyi Lai, Kevin Hannam (2025). How to improve the sustainability of end-of-life vehicles (ELVs): Exploring extended producer responsibility in the Chinese automobile industry. *Transportation Journal*, 64(4), e70012. (SSCI, ABDC-B)
- ◆ Lingjun Ou, Yihui Tian* (2025). Decoding Enterprise Digital Transformation: A Multi-Theoretical Exploration. *Information Development*, 02666669251315838. (SSCI Q2)
- ◆ Yihui Tian*, Lingjun Ou (2024). Exploring the influencing mechanisms of different digital transformation stages: an industry perspective. *Enterprise Information Systems*, 18(2), 2417407. (SCI Q1, ABDC-A, ABS-2)
- ◆ Jingwei Guo, Xiang Guo, Yihui Tian, Hao Zhan, Zhen-Song Chen, Muhammet Deveci* (2024). Making data classification more effective: An automated deep forest model. *Journal of Industrial Information Integration*, 42, 100738. (SCI Q1)
- ◆ Qi Chang, Yihui Tian*, Nan Xia, Lingyun Gao (2024). Challenges and countermeasures for China's centralized volume-based procurement policy in healthcare. *International Journal of Health Planning and Management*, 39(5), 1-20. (SSCI)



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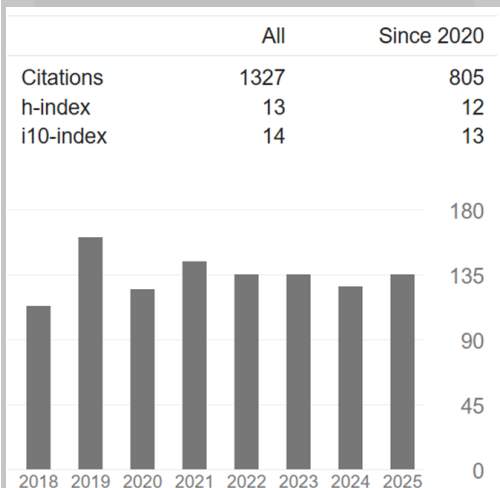
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- ◆ Yihui Tian*, Lingjun Ou (2023). How do personality traits of college students affect their learning flow experience? *Learning and Motivation*, 83, 101917. (SSCI)
- ◆ Haifen Lin*, Tingchen Qu, Li Li, Yihui Tian (2020). The paradox of stability and change: a case study, *Chinese Management Studies*, 14(1), 185-21. (SSCI, ABS-1)
- ◆ Wenhua Wang, Yihui Tian, Qinghua Zhu* (2017). Barriers for household e-waste collection in China: Perspectives from formal collecting enterprises in Liaoning Province, *Journal of Cleaner Production*. 153, 299-308. (SCI Q1, ABDC-A, ABS-1)
- ◆ Peijia Huang*, Juan Zhao, Yong Geng, Yihui Tian, Ping Jiang (2017). Energy-related GHG emissions of the textile industry in China, *Resources, Conservation and Recycling*, 119, 69-77. (SCI Q1)
- ◆ Qinghua Zhu*, Yihui Tian (2016). Developing a remanufacturing supply chain management system: A case of a successful truck engine remanufacturer in China, *Production Planning & Control*, 27(9), 708-716. (SCI Q1, ABDC-A, ABS-3)
- ◆ Martin Agyemang, Qinghua Zhu*, Yihui Tian (2016). Analysis of Opportunities for Greenhouse Emission Reduction in the Global Supply Chains of Cashew Industry in West Africa, *Journal of Cleaner Production*, 115, 149-161. (SCI Q1, ABDC-A, ABS-1)
- ◆ Yunting Feng, Yihui Tian, Qinghua Zhu* (2016). A combined input-output/Decision Making Trial and Evaluation Laboratory method for evaluating effect of the remanufacturing sector development, *Journal of Cleaner Production*, 114, 103-113. (SCI Q1, ABDC-A, ABS-1)
- ◆ Yihui Tian, Qinghua Zhu* (2015). Greenhouse Gas Emission Assessment of Chinese Container Terminals: A Hybrid Approach of IPCC method and Input-Output Analysis, *International Journal of Shipping and Transport Logistics*, 7(6), 758-779. (SSCI, ABS-1)
- ◆ Yihui Tian, Kannan Govindan*, Qinghua Zhu (2014). A system dynamics model based on evolutionary game theory for green supply chain management diffusion among manufactures, *Journal of Cleaner Production*, 80, 96-105. (SCI Q1, Highly cited paper, ABDC-A, ABS-1)



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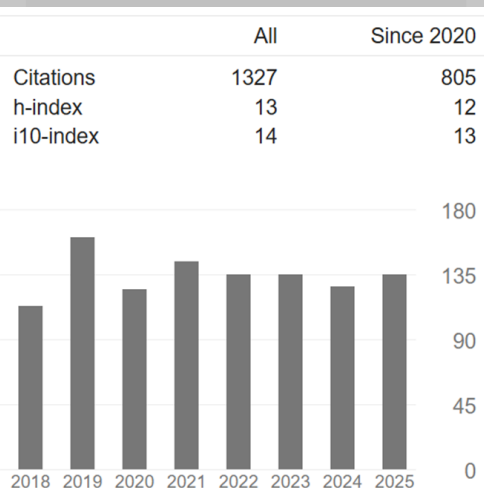
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- ◆ Yihui Tian, Qinghua Zhu*, Kee-hung Lai, Y.H. Venus Lun (2014). Analysis of greenhouse gas emissions of freight transport sector in China, *Journal of Transport Geography*, 40, 43-52. (SSCI Q1, ABDC-A, ABS-2)
- ◆ Yihui Tian, Qinghua Zhu, Yong Geng* (2013). An analysis of energy-related greenhouse gas emissions in the Chinese iron and steel industry, *Energy Policy*, 56: 352-361. (SSCI Q1, Highly cited paper, ABDC-A, ABS-2)
- ◆ Qinghua Zhu, Yihui Tian, Joseph Sarkis* (2012). Diffusion of selected green supply chain management practices: an assessment of Chinese enterprises, *Production Planning & Control*, 23(10-11): 837-850. (SCI Q1, ABDC-A, ABS-3)

Chinese journal (CSSCI) :

- ◆ 田一輝*, 常琦, 夏楠 (2024). 我國汽車製造企業實施綠色供應鏈管理的驅動因素分析, *鄭州大學學報(哲學社會科學版)*, 57(01), 59-64. (CSSCI)
- ◆ 付小勇, 朱慶華, 田一輝 (2021). 基於系統動力學的政府和處理商演化博弈分析, *運籌與管理*, 30(7), 83-88. (CSSCI, 國自科管理 A 類, FMS T2)
- ◆ 田一輝*, 朱慶華 (2016). 政府價格補貼下綠色供應鏈管理擴散博弈模型, *系統工程學報*, 31(4), 526-535. (CSSCI, 國自科管理 A 類, FMS T1)
- ◆ 朱慶華, 馮雲婷, 田一輝 (2014). 基於投入產出法的中國再製造產業經濟影響分析, *中國軟科學*, 6, 34-43. (CSSCI, 國自科管理 A 類, FMS T1)
- ◆ 朱慶華, 王一雷, 田一輝 (2014). 基於系統動力學的地方政府與製造企業碳減排演化博弈分析, *運籌與管理*, 23(3), 71-82. (國自科管理 A 類, FMS T2, CSSCI, CNKI 高 PCSI, 高被引, 高下載論文)
- ◆ 李英, 朱慶華, 田一輝 (2013). 基於創新擴散理論的中國綠色食品認證與生產發展研究, *大連理工大學學報(社科版)*, 34(4), 25-30. (CSSCI)
- ◆ 朱慶華, 田一輝 (2010). 企業實施綠色供應鏈管理動力模型研究, *管理學報*, 7(5), 723-727. (國自科管理 B 類, FMS T1, CSSCI)



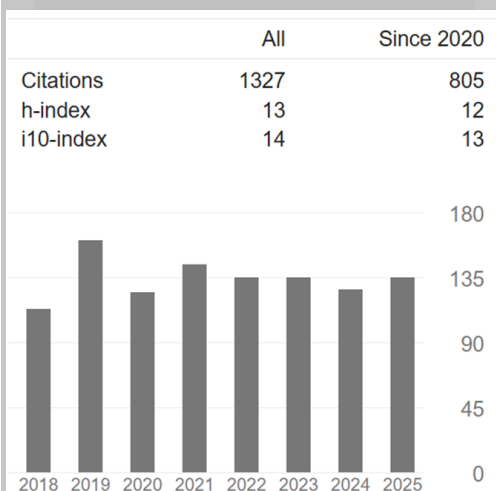
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Book & Chapter

- ◆ 劉震，田一輝，賴恩毅 (2024). 企業社會責任理論與實踐. 北京，現代出版社. ISBN 978-7-5231-1101-7.
- ◆ Azevedo, S., Cruz-Machado, V., Hofstetter, J., Cudney, E., Yihui Tian (2013). Chapter title: 'Importance of green and resilient SCM practices for the competitiveness of the automotive industry', Reverse supply Chains issues and analysis, CRC Press, ISBN 978-1-439-89902-1, 229-252.

Patent for Invention

- ◆ 第一發明人，基於物聯網的能源管理平臺 (CN117933660A)
- ◆ 第一發明人，大數據驅動的節能減排決策支持系統 (CN117974053A)
- ◆ 第一發明人，基於區塊鏈的能源交易與監管系統 (CN11793264A)
- ◆ 第三發明人，一種工業碳減排即時監測裝置 (CN119572885A)

Social Organization Standards

- ◆ 企業環境社會治理 (ESG) 披露指南 (T/CAS 868-2024)，中國標準化協會