

黄赞



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教研领域

供应链管理；旅游供应链管理；绿色供应链；库存管理；博弈论；排序。

学历

2006-2010 香港大学（中国香港）/ 物流与供应链管理专业 / 博士学位
2004-2006 浙江大学（中国杭州）/ 运筹学与控制论专业 / 硕士学位
2000-2004 东南大学（中国南京）/ 信息与计算科学专业 / 学士学位

教学经验

2023–至今 澳门科技大学 / 商学院 / 教授
2016–2023 澳门科技大学 / 商学院 / 副教授
2011–2016 澳门科技大学 / 商学院 / 助理教授
2010–2011 香港理工大学 / 酒店与旅游管理学院 / 副研究员

学术成果

期刊文章：

Journal Papers:

Y Huang, Z Fang, K Wang. 2024. How to subsidize ecotourism in a tourism supply chain? An examination with a three-party evolutionary game model. *Journal of Cleaner Production*, 477, 143878.
Y Liu, C Ma, **Y Huang***. 2024. An Internet of Things-Based Production Scheduling for Distributed Two-Stage Assembly Manufacturing with Mold Sharing. *Machines*, 12(5), 310.
S Zhang, Q Yu, S Wan, H Cao, **Y Huang***. 2024. Digital supply chain: literature review of seven related technologies. *Manufacturing Review*. 11, 8.
J.R. Chen, **Y. Huang***, E. Q. Wu, R. Ip, K. Wang. 2023. How does rural tourism experience affect green consumption in terms of memorable rural-based tourism experiences, connectedness to nature and environmental awareness? *Journal of Hospitality and Tourism Management*, 54, 166-177.
Y. Xiu, D. Li, M. Zhang, H. Deng, R. Law, **Y. Huang***, E.Q. Wu, X. Xu. 2023. Finite-Time Sideslip Differentiator-Based LOS Guidance for Robust Path Following of Snake Robots, *IEEE/CAA Journal of Automatica Sinica*, 10(1), 1–15.

- Y. Huang**, K. Gao, K. Wang, H. Lv, F. Gao. 2022. Analytical target cascading for multi-level supply chain decisions in cloud perspective. *Industrial Management & Data Systems*. 122(6), 1480-1498.
- J. Yang, Y. Zhang, **Y. Huang***, J. Lv, K. Wang. 2022. Multi-objective optimization of milling process: exploring trade-off among energy consumption, time consumption and surface roughness, *International Journal of Computer Integrated Manufacturing*. Manuscript. DOI: 10.1080/0951192X.2022.2078511.
- Z. Wei, **Y. Huang***. 2022. Supply Chain Coordination under Carbon Emission Tax Regulation Considering Greening Technology Investment, *International Journal of Environmental Research and Public Health*. 19(15), 9232.
- K. Wang, Q. Hu, **Y. Huang***, M. Luo, L. Zhou. 2021. A survey on meta-heuristics for solving disassembly line balancing, planning and scheduling problems in remanufacturing. *Omega*. 57, 100719.
- K. Gao, **Y. Huang**, A. Sadollah, L. Wang. 2020. A Review of Energy-efficient Scheduling in Intelligent Production Systems. *Complex & Intelligent Systems*. 6 (2), 237-249. (H-index)
- Y. Huang**, K. Wang, K. Gao, T. Qu, H. Liu. 2019. Jointly Optimizing Microgrid Configuration and Energy Consumption Scheduling of Smart Homes. *Swarm and Evolutionary Computation*. 48, 251-261.
- X. Zhang, Z. Li, **Y. Huang**, H. Tang. 2017. Performance Analysis of Reverse Auction Mechanisms Based on Petri Nets. *Advances in Mechanical Engineering*. 9(9), 1-17.
- Y. Huang**, K. Wang, T. Zhang, C. Pang. 2016. Green Supply Chain Coordination with Carbon Emissions Management: A Game-theoretic Approach. *Journal of Cleaner production*. 112, 2004-2014.
- K. Wang, **Y. Huang***, H. Qin. 2016. A Fuzzy Logic-based Hybrid Estimation of Distribution Algorithm for Distributed Permutation Flowshop Scheduling Problems under Machine Breakdown. *Journal of the Operational Research Society*. 67, 68-82.
- S. Deng, R. Aydin, C.K. Kwong, **Y. Huang**. 2014. Integrated Product Line Design and Supplier Selection: A Multi-objective Optimization Paradigm. *Computers and Industrial Engineering*. 70, 150–158.
- Yun Huang**, H.Y. Song, G.Q. Huang, J. M. Lou. 2012. A Comparative Study of Tourism Supply Chains with Quantity Competition. *Journal of Travel Research*. 51, 717-729.
- K. Wang, S.H. Choi, H. Qin, **Y. Huang**. 2012. A Cluster-based Scheduling Model using SPT and SA for Dynamic Hybrid Flow Shop Problems. *International Journal of Advanced Manufacturing Technology*. 1-16, December.
- Y. Huang**, G.Q. Huang. 2011. Coordinating Pricing and Inventory Decisions in a Multi-Level Supply Chain: A Game-Theoretic Approach. *Transportation Research Part E: Logistics and Transportation Review*. 47(2), 115-129.

Y. Huang, G.Q. Huang. 2010. Price Coordination in a Three-Level Supply Chain with Different Channel Structures Using Game-Theoretic Approach. *International Journal of Management Science and Engineering Management (MSEM)*. 5(2), 83-94.

Y. Huang, G.Q. Huang. 2010. Joint Pricing and Inventory Replenishment Decisions in a Multi-level Supply Chain. *Engineering letter*. 18(4), EL_18_4_09.

Y. Huang, G.Q. Huang. 2010. Price Competition and Coordination in a Multi-echelon Supply Chain. *IAENG Engineering letter*. 18(4), EL_18_4_10.

专著章节:

Y. Huang, G.Q. Huang. Integrated Supplier Selection, Pricing and Inventory Decisions in a Multi-level Supply Chain, *Decision-Making for Supply Chain Integration*, Chapter 3, 2012.

Y. Huang, G.Q. Huang. Nash Game-Theoretic Model for Optimizing Pricing and Inventory Policies in a Three-Level Supply Chain. *Electrical Engineering and Applied Computing. LectureNotes in Electrical Engineering*. 2011.

会议论文:

F. Gao, R. Ip, **Y. Huang**, H.M. Jiang. 2022. Evolutionary Game between the crowdfunding Initiators and Crowdfunding Investors. *Proceedings of IEEE 9th International Conference on Industrial Engineering and Applications (ICIEA)*.

Y. Huang, K.F. Ip, W. Liang. 2019. Game Model for Optimizing Microgrid PPP Project. *Proceedings of IEEE 6th International Conference on Industrial Engineering and Applications (ICIEA)*.

Y. Huang, S.Y. Wang. 2016. Multi-level Green Supply Chain Coordination with Different Power structures and Channel Structures Using Game-theoretic Approach. *Proceedings of the World Congress on Engineering and Computer Science*. 1, 1100-1106.

Y. Huang. 2013. Decentralized Configuration, Pricing and Remanufacturing Decisions in a Multi-level Green Supply Chain. *Proceedings of the World Congress on Engineering and Computer Science*. 2, 1127-1136.

Y. Huang. 2013. Coordinating Pricing and Replenishment Strategies in a Three-level Supply Chain. *Proceeding of the International Conference on Computers and Industrial Engineering (CIE43)*. 1, 132-136.

Y. Huang. 2012. Price Competition in Tourism Supply Chain with Hotels and Travel Agency. *Proceeding of the International Conference on Low-carbon Transportation and Logistics, and Green Buildings*. 1, 419-424.

Y. Huang, G.Q. Huang, X.N. Liu. 2012. Cooperative Game-theoretic Approach for Supplier Selection, Pricing and Inventory Decisions in a Multi-level Supply Chain. *Proceeding of the International Multiconference of Engineers and Computer Scientists*. 2, 1402-1406.

Y. Huang, G.Q. Huang. 2010. Game-theoretic Coordination of Marketing and Inventory Policies in a Multi-Level Supply Chain (Best student paper award). *Proceedings of the World Congress on Engineering*.

Y. Huang, G.Q. Huang. 2010. Game-theoretic Price Coordination in a Three-Level Supply Chain with Different Channel Structures. Proceedings of International Conference of Manufacturing Engineering and Engineering Management.

Y. Huang, G.Q. Huang. 2009. Game Theory Approach for Coordinating Marketing and Inventory Policies in a Two-Echelon Supply Chain with Retailers Competition. Proceedings of INFORMS International Conference on Service Science.

Y. Huang, G.Q. Huang. 2008. Optimal Pricing for a Three-Level Supply Chain with Different Channel Structures Using Game-theoretic Approach. Proceedings of Hamburg International Conference of Logistics.

研究项目

2012 – 2013	Comparative Studies of Tourism Supply Chains with Price Competition/ Project Investigator/Funded by Macau University of Science and Technology
2012 – 2013	Development of Macau Tourism Supply Chain / Project Investigator/Funded by Macau Foundation
2014–2017	Petri-net Based Discreet Events System Asymptotic Stability Controller Synthesis and Optimization/Project Co-Investigator/Funded by Macau Science and Technology Development Foundation
2016-2019	Studies on the joint planning and scheduling of multiple hospital operating rooms under unconventional emergencies / Project Co-Investigator / The National Natural Science Foundation of China
2018–2020	Jointly Optimization for Coordinated Microgrid Configuration and Energy Consumption Scheduling of Smart Homes by a Stackelberg Game/ Project Investigator/Funded by Macau University of Science and Technology
2023-2024	Mode Sharing and Distributed Assembly Flow-shop Scheduling Problem with Internet of Things/ Project Investigator/Funded by Macau University of Science and Technology

科普项目

2013	Supply Chain Management and Logistics Information System Summer Camp/ Project Investigator/Funded by Macau Science and Technology Development Foundation
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专业资格认证及奖项

CILT Chartered Member, 中国运筹学会理事

ICIEA – committee member

MSIE – Committee member