

黃贊



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教研領域

供應鏈管理；旅遊供應鏈管理；綠色供應鏈；庫存管理；博弈論；排序。

學歷

2006-2010 香港大學（中國香港）/ 物流與供應鏈管理專業 / 博士學位
2004-2006 浙江大學（中國杭州）/ 運籌學與控制論專業 / 碩士學位
2000-2004 東南大學（中國南京）/ 信息與計算科學專業 / 學士學位

教學經驗

2023 -至今 澳門科技大學 / 商學院 / 教授
2016- 2023 澳門科技大學 / 商學院 / 副教授
2011- 2016 澳門科技大學 / 商學院 / 助理教授
2010 - 2011 香港理工大學 / 酒店與旅遊管理學院 / 副研究員

學術成果

期刊文章：

Journal Papers:

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. 2022. 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.
- 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.

專著章節：

- 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.

會議論文:

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.

研究項目

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 Discrete 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

科普項目

2013 Supply Chain Management and Logistics Information System Summer Camp/ Project Investigator/Funded by Macau Science and Technology Development Foundation

專業資格認證及獎項

CILT Chartered Member, 中國運籌學會理事