

姜慧敏



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教育背景

2010-2014 博士：香港理工大学，工业与系统工程
2006-2009 硕士：南开大学，系统工程
2002-2006 学士：湘潭大学，自动化

工作经验

2020-至今 助理教授/澳门科技大学
2018-2020 助理教授/深圳大学
2018 研究员/香港理工大学
2017-2018 博士后/香港理工大学
2013-2017 副研究员/香港理工大学

教学活动

应用统计；商务统计；电子商务；信息技术服务管理

研究领域

智能建模与优化，人工智能，新产品设计与开发，数据挖掘，消费者动态偏好分析

学术成果

期刊论文

Huimin Jiang, Xianhui Wu, Farzad Sabetzadeh, and Kit Yan Chan (2023). Developing explicit customer preference models using fuzzy regression with nonlinear structure.

Complex & Intelligent Systems, 2023.

Huimin Jiang, Farzad Sabetzadeh, and Kit Yan Chan (2023). Developing Nonlinear Customer Preferences Models for Product Design Using Opinion Mining and Multiobjective PSO-Based ANFIS Approach. *Computational Intelligence and Neuroscience*, 2023, 6880172.

Huimin Jiang, Farzad Sabetzadeh, Zhijun Lin, and Huajun Tang (2022). Nonlinear time series fuzzy regression for developing explainable consumer preferences models based on online comments. *IEEE Transactions on Fuzzy Systems*, 30(10), 4460-4470.

Huimin Jiang, Gaicong Guo, Farzad Sabetzadeh, Kit Yan Chan (2022). Model variational consumer preferences based on online reviews using sentiment analysis and PSO-based DENFIS approaches. *Journal of Intelligent & Fuzzy Systems*, 43(3), 2407-2418.

Huimin Jiang, C.K. Kwong, G.E. Okudan Kremerc, and W.Y. Park (2019). Dynamic modelling of customer preferences for product design using DENFIS and opinion mining. *Advanced Engineering Informatics*, 42, 100969.

Huimin Jiang, C. K. Kwong, C.Y. Chan and K. L. Yung (2019). A Multi-Objective Evolutionary Approach for Fuzzy Regression Analysis. *Expert Systems with Applications*, 130(2019), 225-235.

Huimin Jiang, C.K. Kwong, W.Y. Park and K.M. Yu (2018). A multi-objective PSO approach of mining association rules for affective design based on online customer reviews. *Journal of Engineering Design*, 29(7), 381-403.

学术会议论文

Huimin Jiang, and Farzad Sabetzadeh (2022). Defining the Settings of Product Attributes for Product Design Using an Innovative NSGA-II. *2022 International Conference on Frontiers of Artificial Intelligence and Machine Learning (FAIML 2022)*, Hangzhou, 1-8.

Huimin Jiang, Chunsheng Li, and Farzad Sabetzadeh (2021). Modelling Time Series Customer Preference Based on E-commerce Website. *Proceedings of the 2021 3rd International Conference on Economic Management and Cultural Industry (ICEMCI 2021)*, Xi'an, 3222-3227.

Huimin Jiang, Farzad Sabetzadeh, and C.K.Kwong (2021). Dynamic analysis of customer needs using opinion mining and fuzzy time series approaches. *2021 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)*, Luxembourg, 1-6.

Huimin Jiang, Gaicong Guo, and Farzad Sabetzadeh (2021). Opinion mining and DENFIS approaches for modelling variational consumer preferences based on online comments. *Proceedings of 2nd International Conference on Advanced Intelligent Technologies (ICAIT 2021)*, Xi'an. In the book *Advanced Intelligent Technologies for*

Industry, 285, 229-238.

其他专业资格 / 奖项 / 活动

研究项目

2020-2022 基于在线评论的动态客户偏好建模和产品优化研究/项目主持人/国家自然科学基金青年项目（71901149）