



个人简介

李绍军，华东理工大学信息学院自动化系研究员。

研究方向

故障监控与诊断，进化优化算法，复杂系统的建模与优化

研究成果及主要发表文章

- 1) Qiong Jia, Shaojun Li, Process Monitoring Based on Multiblock Rolling Pin Vine Copula, *Industrial & Engineering Chemistry Research*, 2020, 59, 40, 18050-18060
- 2) Yang Zhou, Shaojun Li, Nonlinear Non-Gaussian and Multimode Process Monitoring Based Multi-subspace Vine Copula and Deep Neural Network, *Industrial & Engineering Chemistry Research*, 2020, 59, 32, 14385-14397
- 3) Yitong Tian, Yihui Jin, Shaojun Li, Modeling and optimization of inter-plant indirect heat exchanger network by difference evolutionary algorithm, *Chemical Engineering Science*, 2020, 227:115924
- 4) Qiong Jia, Shaojun Li, Process monitoring and fault diagnosis based on a regular vine and Bayesian network, *Industrial & Engineering Chemistry Research*, 2020, 59, 26, 12144-12155
- 5) Yitong Tian, Shihao Wang, Kai Liu, Shaojun Li, Multi-plant Direct Heat Integration Considering Safe Redundancy through a Bilevel Simultaneous Algorithm, *Chemical Engineering Science*, 2020, 222: 115662.
- 6) Yang Zhou, Xiang Ren, Shaojun Li, Probabilistic density-based copula regression model for soft sensing of complex industrial processes, *IEEE Transaction on Industrial Information*, 2020, 16 (11):6972-6981
- 7) Jianeng Ni, Shaojun Li, Hamiltonian Monte Carlo-Based C-vine Copula Regression Model for Soft Sensing Modeling of Complex Chemical Processes, *Industrial & Engineering Chemistry Research*, 2020, 59(4):1607-1618.
- 8) Yang Zhou, Shaojun Li, Ning Xiong, Improved Vine Copula-Based Dependence Description for Multivariate Process Monitoring based on Ensemble Learning, *Industrial & Engineering Chemistry Research*, 2019, 58(9):3782-3796
- 9) Huangji Pan, Yuhui Jin, Shaojun Li, Multi-plant Indirect Heat Integration Based on the Alopex-based Evolutionary Algorithm, *Energy*, 2018, 163:811-821.
- 10) Yang Zhou, Shaojun Li, Enhancing quality of Vine Copula-based dependence description for multivariate multimode process monitoring with active learning strategy, *Industrial & Engineering Chemistry Research*, 2018, 57:7961-7974.
- 11) Nan Zhou, Shaojun Li, Nonlinear and Non-Gaussian Process Monitoring Based on Simplified R-vine Copula, *Industrial & Engineering Chemistry Research*, 2018, 57:7566-7582
- 12) Yuhui Jin, Chuei-Tin Chang, Shaojun Li*, Da Jiang, On the Use of Risk-Based Shapley Values for Cost Sharing in Interplant Heat Integration Programs, *Applied Energy*, 2018, 211:904-920