

刘艳

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个人简介

刘艳，副教授，硕士生导师，2021年毕业于哈尔滨工业大学，主要从事随机复杂网络，控制理论、稳定性、同步性等相关方面的研究。目前，发表第一作者SCI论文30余篇，其中，高被引论文5篇，热点论文1篇，主持天津市青年基金一项，重点实验室开放课题一项。

学习经历

2016.9-2021.4	哈尔滨工业大学	应用数学	博士
2019.9-2020.9	滑铁卢大学	联合培养博士	
2014.9-2016.7	哈尔滨工业大学	应用数学	硕士

代表论文

- [1] Yan Liu, Jun Liu, Wenxue Li, Stabilization of highly nonlinear stochastic coupled systems via periodically intermittent control, *IEEE Transactions on Automatic Control*, 66 (10) (2021) 4799-4806.
- [2] Yan Liu, Wenxue Li, Jiqiang Feng, The stability of stochastic coupled systems with time-varying coupling and general topology structure, *IEEE Transactions on Neural Networks and Learning Systems*, 29(9) (2018) 4189-4200. **高被引，热点论文**
- [3] Yan Liu, Ming Wang, Jin-Liang Wang, Stabilization of stochastic highly non-linear multi-links systems via aperiodically intermittent control, *Automatica*, 142 (2022) 110405.
- [4] Yan Liu, Yi-Min Li, Jin-Liang Wang, Intermittent control to stabilization of stochastic highly non-linear coupled systems with multiple time delays, *IEEE Transactions on Neural Networks and Learning Systems*, 34 (8) (2023) 4674-4686.
- [5] Yan Liu, Zhiyu Yang, Hui Zhou, Periodic self-triggered intermittent control with impulse for synchronization of hybrid delayed multi-links systems, *IEEE Transactions on Network Science and Engineering*, 9(6) (2022) 4087-4100. **高被引论文**
- [6] Yan Liu, Wenbin Hu, Jin-Liang Wang, Stabilization of highly non-linear stochastic

- time-varying coupled systems via aperiodically intermittent control, *IEEE Transactions on Control of Network Systems*, 10 (2) (2023) 765-776.
- [7] Yan Liu, Wentao Xu, Shuo Sun, Synchronization of stochastic hybrid coupled systems via completely aperiodically intermittent discrete observation control, *IEEE Transactions on Automation Science and Engineering*, DOI: 10.1109/TASE.2023.3311040.
- [8] **Yan Liu**, Wenxue Li, Jiqiang Feng, Graph-theoretical method to the existence of stationary distribution of stochastic coupled systems, *Journal of Dynamics and Differential Equations*, 30(2) (2018) 667-685. **高被引论文**
- [9] **Yan Liu**, Pinrui Yu, Dianhui Chu, Huan Su, Stationary distribution of stochastic multi-group models with dispersal and telegraph noise, *Nonlinear Analysis: Hybrid Systems*, 33 (2019) 93-103. **高被引论文**
- [10] **Yan Liu**, Ming Wang, Dianhui Chu, Huan Su, Feedback control based on discrete-time state observations on synchronization of stochastic impulsive coupled systems, *Nonlinear Analysis: Hybrid Systems*, 39 (2021) 100987. **高被引论文**