



刘雪松

讲师

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教育背景

大连理工大学博士（2018年）
大连理工大学学士（2012年）

研究领域

演化博弈理论
生物统计
多智能体协调控制

代表性成果

论文类：

- (1) Fixation probabilities in evolutionary games with the Moran and Fermi processes, *Journal of Theoretical Biology* 364: 242-248, 2015. (SCI)
- (2) Fixation times in evolutionary games with the Moran and Fermi processes, *Journal of Theoretical Biology* 387: 214-220, 2015. (SCI)
- (3) Aspiration promotes cooperation in the prisoner's dilemma game with the imitation rule, *Physical Review E* 94: 012124, 2016. (SCI)
- (4) Fixation of strategies with the Moran and Fermi processes in evolutionary games, *Physica A: Statistical Mechanics and its Applications* 484: 336-344, 2017. (SCI)
- (5) Evolution of cooperation in a spatial structure with compensation mechanisms, *Chaos, Solitons & Fractals* 104: 503-507, 2017. (SCI)
- (6) Evolution of Cooperation through Adaptive Interaction in a Spatial Prisoner's Dilemma Game, *Physica A: Statistical Mechanics and its Applications* 492: 571-581, 2018. (SCI)

(7) Promotion of cooperation in evolutionary game dynamics with local information, *Journal of Theoretical Biology* 437: 1-8, 2018. (SCI)

(8) Promotion of cooperation in evolutionary game dynamics under asymmetric information, *Physica A: Statistical Mechanics and its Applications* 521: 258-266, 2019. (SCI)

(9) Stochastic dynamics in the fitness-based process which can be on behalf of the standard Moran, local and Wright-Fisher processes, *Journal of Theoretical Biology* 460: 79-84, 2019. (SCI)

代表性项目

(1) 中央高校基本科研业务费青年教师科技创新项目, 3132018219, 基于演化博弈理论的合作演化分析, 2018/01-2018/12, 已结题, 主持.

(2) 国家自然科学基金委员会青年科学基金项目, 11801052, 非生物因子对外来浮游植物入侵影响的模型研究, 2019/01-2021/12, 在研, 参与.

荣誉奖励

(1) 第三届全国数学建模微课程(案例)教学竞赛一等奖.
(2019)

(2) 国家级线下一流课程《数学建模》课程团队成员.
(2020)

社会兼职

其他