

James R Riehl

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

305
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1163117

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1281871

11
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docs citations

16
times ranked

234
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The lower convergence tendency of imitators compared to best responders. <i>Automatica</i> , 2022, 139, 110185. | 5.0 | 4 |
| 2 | Computing and optimizing over all fixed-points of discrete systems on large networks. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200126. | 3.4 | 1 |
| 3 | Incentive-Based Control of Asynchronous Best-Response Dynamics on Binary Decision Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2019, 6, 727-736. | 3.7 | 20 |
| 4 | A Centrality-Based Security Game for Multihop Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2018, 5, 1507-1516. | 3.7 | 7 |
| 5 | Homophily, heterophily and the diversity of messages among decision-making individuals. <i>Royal Society Open Science</i> , 2018, 5, 180027. | 2.4 | 9 |
| 6 | A survey on the analysis and control of evolutionary matrix games. <i>Annual Reviews in Control</i> , 2018, 45, 87-106. | 7.9 | 45 |
| 7 | Towards Optimal Control of Evolutionary Games on Networks. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 458-462. | 5.7 | 40 |
| 8 | High-energy brain dynamics during anesthesia-induced unconsciousness. <i>Network Neuroscience</i> , 2017, 1, 431-445. | 2.6 | 15 |
| 9 | Networks of conforming or nonconforming individuals tend to reach satisfactory decisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12985-12990. | 7.1 | 63 |
| 10 | Optimal defensive resource allocation for a centrality-based security game on multi-hop networks. , 2015, , . | | 2 |
| 11 | Towards control of evolutionary games on networks. , 2014, , . | | 9 |
| 12 | Formation control for cooperative containment of a diffusing substance. , 2014, , . | | 1 |
| 13 | Cooperative Search by UAV Teams: A Model Predictive Approach using Dynamic Graphs. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2011, 47, 2637-2656. | 4.7 | 59 |
| 14 | Honey-pot constrained searching with local sensory information. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2006, 65, 1773-1793. | 1.1 | 30 |
| 15 | String Stability of Energy-Saving Aircraft Formations. <i>Journal of Guidance, Control, and Dynamics</i> , 0, , 1-9. | 2.8 | 0 |