

James R Riehl

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

305
citations

1162367

8
h-index

1281420

11
g-index

16
all docs

16
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.	3.0	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.	1.5	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.	2.4	20
4	A Centrality-Based Security Game for Multihop Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2018, 5, 1507-1516.	2.4	7
5	Homophily, heterophily and the diversity of messages among decision-making individuals. <i>Royal Society Open Science</i> , 2018, 5, 180027.	1.1	9
6	A survey on the analysis and control of evolutionary matrix games. <i>Annual Reviews in Control</i> , 2018, 45, 87-106.	4.4	45
7	Towards Optimal Control of Evolutionary Games on Networks. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 458-462.	3.6	40
8	High-energy brain dynamics during anesthesia-induced unconsciousness. <i>Network Neuroscience</i> , 2017, 1, 431-445.	1.4	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.	3.3	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.	2.6	59
14	Honey-pot constrained searching with local sensory information. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2006, 65, 1773-1793.	0.6	30
15	String Stability of Energy-Saving Aircraft Formations. <i>Journal of Guidance, Control, and Dynamics</i> , 0, , 1-9.	1.6	0