

# James R Riehl

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2181909/publications.pdf>

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	Networks of conforming or nonconforming individuals tend to reach satisfactory decisions. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12985-12990.	3.3	63
2	Cooperative Search by UAV Teams: A Model Predictive Approach using Dynamic Graphs. IEEE Transactions on Aerospace and Electronic Systems, 2011, 47, 2637-2656.	2.6	59
3	A survey on the analysis and control of evolutionary matrix games. Annual Reviews in Control, 2018, 45, 87-106.	4.4	45
4	Towards Optimal Control of Evolutionary Games on Networks. IEEE Transactions on Automatic Control, 2017, 62, 458-462.	3.6	40
5	Honey-pot constrained searching with local sensory information. Nonlinear Analysis: Theory, Methods & Applications, 2006, 65, 1773-1793.	0.6	30
6	Incentive-Based Control of Asynchronous Best-Response Dynamics on Binary Decision Networks. IEEE Transactions on Control of Network Systems, 2019, 6, 727-736.	2.4	20
7	High-energy brain dynamics during anesthesia-induced unconsciousness. Network Neuroscience, 2017, 1, 431-445.	1.4	15
8	Towards control of evolutionary games on networks. , 2014, , .		9
9	Homophily, heterophily and the diversity of messages among decision-making individuals. Royal Society Open Science, 2018, 5, 180027.	1.1	9
10	A Centrality-Based Security Game for Multihop Networks. IEEE Transactions on Control of Network Systems, 2018, 5, 1507-1516.	2.4	7
11	The lower convergence tendency of imitators compared to best responders. Automatica, 2022, 139, 110185.	3.0	4
12	Optimal defensive resource allocation for a centrality-based security game on multi-hop networks. , 2015, , .		2
13	Formation control for cooperative containment of a diffusing substance. , 2014, , .		1
14	Computing and optimizing over all fixed-points of discrete systems on large networks. Journal of the Royal Society Interface, 2020, 17, 20200126.	1.5	1
15	String Stability of Energy-Saving Aircraft Formations. Journal of Guidance, Control, and Dynamics, 0, , 1-9.	1.6	0