Talal Rahwan

List of Publications by Year
in descending order

27 papers	1,112 citations	567144 15 h-index	580701 25 g-index
29 all docs	29 docs citations	29 times ranked	1090 citing authors

#	Article	IF	Citations
1	How Members of Covert Networks Conceal the Identities of Their Leaders. ACM Transactions on Intelligent Systems and Technology, 2022, 13, 1-29.	2.9	2
2	Hiding in Temporal Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 1645-1657.	4.1	4
3	Explainable Artificial Intelligence for Tabular Data: A Survey. IEEE Access, 2021, 9, 135392-135422.	2.6	37
4	Traffic networks are vulnerable to disinformation attacks. Scientific Reports, 2021, 11, 5329.	1.6	12
5	Attacking Similarity-Based Sign Prediction. , 2021, , .		3
6	How weaponizing disinformation can bring down a city's power grid. PLoS ONE, 2020, 15, e0236517.	1.1	18
7	The Shapley value for a fair division of group discounts for coordinating cooling loads. PLoS ONE, 2020, 15, e0227049.	1.1	11
8	Hiding in Multilayer Networks. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 1021-1028.	3.6	5
9	A Measure of Added Value in Groups. ACM Transactions on Autonomous and Adaptive Systems, 2019, 13, 1-46.	0.4	0
10	How to Hide One's Relationships from Link Prediction Algorithms. Scientific Reports, 2019, 9, 12208.	1.6	15
11	Manipulating Residents' Behavior to Attack the Urban Power Distribution System. IEEE Transactions on Industrial Informatics, 2019, 15, 5575-5587.	7.2	22
12	Behavioural evidence for a transparency–efficiency tradeoff in human–machine cooperation. Nature Machine Intelligence, 2019, 1, 517-521.	8.3	88
13	Enumerating Connected Subgraphs and Computing the Myerson and Shapley Values in Graph-Restricted Games. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-25.	2.9	7
14	Hiding individuals and communities in a social network. Nature Human Behaviour, 2018, 2, 139-147.	6.2	114
15	The preeminence of ethnic diversity in scientific collaboration. Nature Communications, 2018, 9, 5163.	5.8	251
16	Online Prediction via Continuous Artificial Prediction Markets. IEEE Intelligent Systems, 2017, 32, 61-68.	4.0	27
17	Automatic HVAC control with real-time occupancy recognition and simulation-guided model predictive control in low-cost embedded system. Energy and Buildings, 2017, 154, 141-156.	3.1	116
18	Efficient algorithms for game-theoretic betweenness centrality. Artificial Intelligence, 2016, 231, 39-63.	3.9	21

#	ARTICLE	IF	CITATIONS
19	A hybrid exact algorithm for complete set partitioning. Artificial Intelligence, 2016, 230, 14-50.	3.9	45
20	A new approach to measure social capital using game-theoretic techniques. , 2015, 14, 95-100.		2
21	Defeating Terrorist Networks with Game Theory. IEEE Intelligent Systems, 2015, 30, 53-61.	4.0	15
22	Coalition structure generation: A survey. Artificial Intelligence, 2015, 229, 139-174.	3.9	122
23	Implementation and Computation of a Value for Generalized Characteristic Function Games. ACM Transactions on Economics and Computation, 2014, 2, 1-35.	0.7	5
24	Anytime coalition structure generation in multi-agent systems with positive or negative externalities. Artificial Intelligence, 2012, 186, 95-122.	3.9	46
25	On representing coalitional games with externalities. , 2009, , .		10
26	An algorithm for distributing coalitional value calculations among cooperating agents. Artificial Intelligence, 2007, 171, 535-567.	3.9	49
27	Agent-Based Support for Mobile Users Using AgentSpeak(L). Lecture Notes in Computer Science, 2004, , 45-60.	1.0	17