Mario Ventresca

List of Publications by Year
in descending order

37	911	567281 15	477307 29
papers	citations	h-index	g-index

37	37	37	893
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A hybrid genetic algorithm to maintain road networks using reliability theory. Structure and Infrastructure Engineering, 2023, 19, 810-823.	3.7	4
2	Social Influence Network Simulation Design Affects Behavior of Aggregated Entropy. IEEE Transactions on Computational Social Systems, 2022, 9, 594-604.	4.4	0
3	A morphospace of functional configuration to assess configural breadth based on brain functional networks. Network Neuroscience, 2021, 5, 666-688.	2.6	5
4	Toward an information theoretical description of communication in brain networks. Network Neuroscience, 2021, 5, 1-20.	2.6	15
5	Geodesic Distance on Optimally Regularized Functional Connectomes Uncovers Individual Fingerprints. Brain Connectivity, 2021, 11, 333-348.	1.7	15
6	A Graph-Based Ant Algorithm for the Winner Determination Problem in Combinatorial Auctions. Information Systems Research, 2021, 32, 1099-1114.	3.7	2
7	Modeling Communication Processes in the Human Connectome through Cooperative Learning. IEEE Transactions on Network Science and Engineering, 2020, 7, 476-488.	6.4	11
8	Improving neighbor-based collaborative filtering by using a hybrid similarity measurement. Expert Systems With Applications, 2020, 160, 113651.	7.6	33
9	Examining the variability in network populations and its role in generative models. Network Science, 2020, 8, S43-S64.	1.0	1
10	Uncovering differential identifiability in network properties of human brain functional connectomes. Network Neuroscience, 2020, 4, 698-713.	2.6	15
11	Markov chain modulated Poisson process to stimulate the number of blockages in sewer networks. Canadian Journal of Civil Engineering, 2019, 46, 1174-1186.	1.3	6
12	System of Systems Approach for Maintaining Wastewater System. Journal of Computing in Civil Engineering, 2019, 33, 04019022.	4.7	2
13	Multiple traveling salesman problem with drones: Mathematical model and heuristic approach. Computers and Industrial Engineering, 2019, 129, 14-30.	6.3	207
14	Evaluating the Natural Variability in Generative Models for Complex Networks. Studies in Computational Intelligence, 2019, , 743-754.	0.9	0
15	An Ant Colony Approach for the Winner Determination Problem. Lecture Notes in Computer Science, 2018, , 174-188.	1.3	2
16	New Multiobjective Optimization Approach to Rehabilitate and Maintain Sewer Networks Based on Whole Lifecycle Behavior. Journal of Computing in Civil Engineering, 2018, 32, .	4.7	12
17	The bi-objective critical node detection problem. European Journal of Operational Research, 2018, 265, 895-908.	5.7	29
18	Dynamic Generative Model of the Human Brain in Resting-State. Studies in Computational Intelligence, 2018, , 1271-1283.	0.9	1

#	Article	IF	Citations
19	Action-Based Model for Topologically Resilient Supply Networks. Studies in Computational Intelligence, 2018, , 658-669.	0.9	1
20	A Mechanism Design Approach to Blockchain Protocols. , 2018, , .		2
21	Modeling topologically resilient supply chain networks. Applied Network Science, 2018, 3, .	1.5	16
22	Evolutionary Algorithm for Selecting Wastewater System Configuration. Journal of Computing in Civil Engineering, 2018, 32, .	4.7	4
23	Action-based Modeling of Complex Networks. Scientific Reports, 2017, 7, 6673.	3.3	18
24	A Multi-objective Optimization Approach for Generating Complex Networks. , 2016, , .		3
25	Multi-Objective Optimization Algorithm for Sewer Network Rehabilitation Using Life Cycle Cost Analysis and Semi-Markov Deterioration Models. , 2016, , .		4
26	A meta-analysis of centrality measures for comparing and generating complex network models. Journal of Computational Science, 2016, 17, 205-215.	2.9	18
27	Network robustness versus multi-strategy sequential attack. Journal of Complex Networks, 2015, 3, 126-146.	1.8	33
28	Efficiently identifying critical nodes in large complex networks. Computational Social Networks, 2015, 2, .	2.1	40
29	Investigating Fitness Measures for the Automatic Construction of Graph Models. Lecture Notes in Computer Science, 2015, , 189-200.	1.3	2
30	A derandomized approximation algorithm for the critical node detection problem. Computers and Operations Research, 2014, 43, 261-270.	4.0	41
31	Genetic Programming for the Automatic Inference of Graph Models for Complex Networks. IEEE Transactions on Evolutionary Computation, 2014, 18, 405-419.	10.0	26
32	A Fast Greedy Algorithm for the Critical Node Detection Problem. Lecture Notes in Computer Science, 2014, , 603-612.	1.3	7
33	Evaluation of strategies to mitigate contagion spread using social network characteristics. Social Networks, 2013, 35, 75-88.	2.1	36
34	The Polyfunctionality of Human Memory CD8+ T Cells Elicited by Acute and Chronic Virus Infections Is Not Influenced by Age. PLoS Pathogens, 2012, 8, e1003076.	4.7	72
35	An intuitive distance-based explanation of opposition-based sampling. Applied Soft Computing Journal, 2012, 12, 2828-2839.	7.2	55
36	Global search algorithms using a combinatorial unranking-based problem representation for the critical node detection problem. Computers and Operations Research, 2012, 39, 2763-2775.	4.0	76

#	Article	IF	Citations
37	Local Search Genetic Algorithms for the Job Shop Scheduling Problem. Applied Intelligence, 2004, 21, 99-109.	5.3	97