

# Mario Ventresca

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

911  
citations

567281

15  
h-index

477307

29  
g-index

37  
all docs

37  
docs citations

37  
times ranked

893  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple traveling salesman problem with drones: Mathematical model and heuristic approach. Computers and Industrial Engineering, 2019, 129, 14-30.	6.3	207
2	Local Search Genetic Algorithms for the Job Shop Scheduling Problem. Applied Intelligence, 2004, 21, 99-109.	5.3	97
3	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
4	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
5	An intuitive distance-based explanation of opposition-based sampling. Applied Soft Computing Journal, 2012, 12, 2828-2839.	7.2	55
6	A derandomized approximation algorithm for the critical node detection problem. Computers and Operations Research, 2014, 43, 261-270.	4.0	41
7	Efficiently identifying critical nodes in large complex networks. Computational Social Networks, 2015, 2, .	2.1	40
8	Evaluation of strategies to mitigate contagion spread using social network characteristics. Social Networks, 2013, 35, 75-88.	2.1	36
9	Network robustness versus multi-strategy sequential attack. Journal of Complex Networks, 2015, 3, 126-146.	1.8	33
10	Improving neighbor-based collaborative filtering by using a hybrid similarity measurement. Expert Systems With Applications, 2020, 160, 113651.	7.6	33
11	The bi-objective critical node detection problem. European Journal of Operational Research, 2018, 265, 895-908.	5.7	29
12	Genetic Programming for the Automatic Inference of Graph Models for Complex Networks. IEEE Transactions on Evolutionary Computation, 2014, 18, 405-419.	10.0	26
13	A meta-analysis of centrality measures for comparing and generating complex network models. Journal of Computational Science, 2016, 17, 205-215.	2.9	18
14	Action-based Modeling of Complex Networks. Scientific Reports, 2017, 7, 6673.	3.3	18
15	Modeling topologically resilient supply chain networks. Applied Network Science, 2018, 3, .	1.5	16
16	Uncovering differential identifiability in network properties of human brain functional connectomes. Network Neuroscience, 2020, 4, 698-713.	2.6	15
17	Toward an information theoretical description of communication in brain networks. Network Neuroscience, 2021, 5, 1-20.	2.6	15
18	Geodesic Distance on Optimally Regularized Functional Connectomes Uncovers Individual Fingerprints. Brain Connectivity, 2021, 11, 333-348.	1.7	15

#	ARTICLE	IF	CITATIONS
19	New Multiobjective Optimization Approach to Rehabilitate and Maintain Sewer Networks Based on Whole Lifecycle Behavior. <i>Journal of Computing in Civil Engineering</i> , 2018, 32, .	4.7	12
20	Modeling Communication Processes in the Human Connectome through Cooperative Learning. <i>IEEE Transactions on Network Science and Engineering</i> , 2020, 7, 476-488.	6.4	11
21	A Fast Greedy Algorithm for the Critical Node Detection Problem. <i>Lecture Notes in Computer Science</i> , 2014, , 603-612.	1.3	7
22	Markov chain modulated Poisson process to stimulate the number of blockages in sewer networks. <i>Canadian Journal of Civil Engineering</i> , 2019, 46, 1174-1186.	1.3	6
23	A morphospace of functional configuration to assess configural breadth based on brain functional networks. <i>Network Neuroscience</i> , 2021, 5, 666-688.	2.6	5
24	Multi-Objective Optimization Algorithm for Sewer Network Rehabilitation Using Life Cycle Cost Analysis and Semi-Markov Deterioration Models. , 2016, , .		4
25	Evolutionary Algorithm for Selecting Wastewater System Configuration. <i>Journal of Computing in Civil Engineering</i> , 2018, 32, .	4.7	4
26	A hybrid genetic algorithm to maintain road networks using reliability theory. <i>Structure and Infrastructure Engineering</i> , 2023, 19, 810-823.	3.7	4
27	A Multi-objective Optimization Approach for Generating Complex Networks. , 2016, , .		3
28	An Ant Colony Approach for the Winner Determination Problem. <i>Lecture Notes in Computer Science</i> , 2018, , 174-188.	1.3	2
29	A Mechanism Design Approach to Blockchain Protocols. , 2018, , .		2
30	System of Systems Approach for Maintaining Wastewater System. <i>Journal of Computing in Civil Engineering</i> , 2019, 33, 04019022.	4.7	2
31	Investigating Fitness Measures for the Automatic Construction of Graph Models. <i>Lecture Notes in Computer Science</i> , 2015, , 189-200.	1.3	2
32	A Graph-Based Ant Algorithm for the Winner Determination Problem in Combinatorial Auctions. <i>Information Systems Research</i> , 2021, 32, 1099-1114.	3.7	2
33	Dynamic Generative Model of the Human Brain in Resting-State. <i>Studies in Computational Intelligence</i> , 2018, , 1271-1283.	0.9	1
34	Action-Based Model for Topologically Resilient Supply Networks. <i>Studies in Computational Intelligence</i> , 2018, , 658-669.	0.9	1
35	Examining the variability in network populations and its role in generative models. <i>Network Science</i> , 2020, 8, S43-S64.	1.0	1
36	Social Influence Network Simulation Design Affects Behavior of Aggregated Entropy. <i>IEEE Transactions on Computational Social Systems</i> , 2022, 9, 594-604.	4.4	0

#	ARTICLE	IF	CITATIONS
37	Evaluating the Natural Variability in Generative Models for Complex Networks. Studies in Computational Intelligence, 2019, , 743-754.	0.9	0