

Alexander

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

312
citations

1162367

8
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940134

16
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all docs

17
docs citations

17
times ranked

245
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical nodes for distance-based connectivity and related problems in graphs. <i>Networks</i> , 2015, 66, 170-195.	1.6	73
2	Critical Nodes in River Networks. <i>Scientific Reports</i> , 2019, 9, 11178.	1.6	64
3	Minimum vertex cover problem for coupled interdependent networks with cascading failures. <i>European Journal of Operational Research</i> , 2014, 232, 499-511.	3.5	29
4	Exact MIP-based approaches for finding maximum quasi-cliques and dense subgraphs. <i>Computational Optimization and Applications</i> , 2016, 64, 177-214.	0.9	29
5	Finding groups with maximum betweenness centrality. <i>Optimization Methods and Software</i> , 2017, 32, 369-399.	1.6	26
6	Detecting critical node structures on graphs: A mathematical programming approach. <i>Networks</i> , 2019, 73, 48-88.	1.6	25
7	On maximum degree-based "quasi-clique" problem: Complexity and exact approaches. <i>Networks</i> , 2018, 71, 136-152.	1.6	18
8	Critical nodes in interdependent networks with deterministic and probabilistic cascading failures. <i>Journal of Global Optimization</i> , 2019, 74, 803-838.	1.1	8
9	Optimization of Value-at-Risk: computational aspects of MIP formulations. <i>Journal of the Operational Research Society</i> , 2018, 69, 676-690.	2.1	7
10	Critical arcs detection in influence networks. <i>Networks</i> , 2018, 71, 412-431.	1.6	7
11	Dense Percolation in Large-Scale Mean-Field Random Networks Is Provably "Explosive". <i>PLoS ONE</i> , 2012, 7, e51883.	1.1	6
12	Optimal design and augmentation of strongly attack-tolerant two-hop clusters in directed networks. <i>Journal of Combinatorial Optimization</i> , 2014, 27, 462-486.	0.8	6
13	Failure Mitigation and Restoration in Interdependent Networks via Mixed-Integer Optimization. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 1293-1304.	4.1	6
14	Robustness of solutions to critical node detection problems with imperfect data: a computational study. <i>Optimization Methods and Software</i> , 2017, 32, 250-273.	1.6	3
15	Exact algorithms for the minimum s-club partitioning problem. <i>Annals of Operations Research</i> , 2019, 276, 267-291.	2.6	3
16	Networks of materials: Construction and structural analysis. <i>AIChE Journal</i> , 2021, 67, e17051.	1.8	2
17	Networks of causal relationships in the U.S. stock market. <i>Dependence Modeling</i> , 2022, 10, 177-190.	0.2	0