DuÅ¡an Knop

List of Publications by Year
in descending order

34 papers	**202** citations	1478458 **6** h-index	1281846 **11** g-index
39 all docs	**39** docs citations	**39** times ranked	**98** citing authors

#	Article	IF	Citations
1	Scheduling meets n-fold integer programming. Journal of Scheduling, 2018, 21, 493-503.	1.9	35
2	Combinatorial n-fold integer programming and applications. Mathematical Programming, 2020, 184, 1-34.	2.4	17
3	Voting and Bribing in Single-Exponential Time. ACM Transactions on Economics and Computation, 2020, 8, 1-28.	1.1	12
4	Integer programming in parameterized complexity: Five miniatures. Discrete Optimization, 2022, 44, 100596.	0.9	11
5	Tight Complexity Lower Bounds for Integer Linear Programming with Few Constraints. ACM Transactions on Computation Theory, 2020, 12, 1-19.	0.7	11
6	Evaluating and Tuning n-fold Integer Programming. Journal of Experimental Algorithmics, 2019, 24, 1-22.	1.0	9
7	Parameterized Complexity of Length-bounded Cuts and Multicuts. Algorithmica, 2018, 80, 3597-3617.	1.3	8
8	Simplified Algorithmic Metatheorems Beyond MSO: Treewidth and Neighborhood Diversity. Lecture Notes in Computer Science, 2017, , 344-357.	1.3	7
9	Solving Integer Linear Programs with a Small Number of Global Variables and Constraints. , 2017, , .		7
10	Parameterized Algorithms for Finding a Collective Set of Items. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 1838-1845.	4.9	7
11	Parameterized complexity of distance labeling and uniform channel assignment problems. Discrete Applied Mathematics, 2018, 248, 46-55.	0.9	6
12	Adapting Stable Matchings to Evolving Preferences. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 1830-1837.	4.9	6
13	Unary Integer Linear Programming with Structural Restrictions. , 2018, , .		6
14	High-Multiplicity Fair Allocation. , 2019, , .		5
15	Partitioning graphs into induced subgraphs. Discrete Applied Mathematics, 2020, 272, 31-42.	0.9	4
16	Parameterized Approximation Schemes for Steiner Trees with Small Number of Steiner Vertices. SIAM Journal on Discrete Mathematics, 2021, 35, 546-574.	0.8	4
17	Multidimensional Stable Roommates withÂMaster List. Lecture Notes in Computer Science, 2020, , 59-73.	1.3	4
18	Parametrized Complexity of Length-Bounded Cuts and Multi-cuts. Lecture Notes in Computer Science, 2015, , 441-452.	1.3	4

#	Article	IF	Citations
19	Fixed Parameter Complexity of Distance Constrained Labeling and Uniform Channel Assignment Problems. Lecture Notes in Computer Science, 2016, , 67-78.	1.3	3
20	The complexity landscape of decompositional parameters for ILP: Programs with few global variables and constraints. Artificial Intelligence, 2021, 300, 103561.	5.8	3
21	Kernelization of Graph Hamiltonicity: Proper H-Graphs. SIAM Journal on Discrete Mathematics, 2021, 35, 840-892.	0.8	3
22	Integer Programming and Incidence Treedepth. Lecture Notes in Computer Science, 2019, , 194-204.	1.3	3
23	Target Set Selection in Dense Graph Classes. SIAM Journal on Discrete Mathematics, 2022, 36, 536-572.	0.8	3
24	Computational complexity of distance edge labeling. Discrete Applied Mathematics, 2018, 246, 80-98.	0.9	2
25	Graph isomorphism restricted by lists. Theoretical Computer Science, 2021, 860, 51-71.	0.9	2
26	Computational Complexity of Distance Edge Labeling. Lecture Notes in Computer Science, 2016, , 287-298.	1.3	2
27	Anti-Path Cover on Sparse Graph Classes. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 233, 82-86.	0.8	2
28	Solving Integer Quadratic Programming via Explicit and Structural Restrictions. Proceedings of the AAAI Conference on Artificial Intelligence, 0, 33, 1477-1484.	4.9	2
29	Partitioning Graphs into Induced Subgraphs. Lecture Notes in Computer Science, 2017, , 338-350.	1.3	1
30	IV-matching is strongly NP -hard. Information Processing Letters, 2017, 125, 5-8.	0.6	1
31	Length-bounded cuts: Proper interval graphs and structural parameters. Journal of Computer and System Sciences, 2022, 126, 21-43.	1.2	1
32	The Clever Shopper Problem. Theory of Computing Systems, 2020, 64, 17-34.	1.1	0
33	Local linear set on graphs with bounded twin cover number. Information Processing Letters, 2021, 170, 106118.	0.6	0
34	Parameterized complexity of configuration integer programs. Operations Research Letters, 2021, 49, 908-913.	0.7	0