

Jiong Guo

List of Publications by Year in descending order

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42
papers

1,572
citations

430874

18
h-index

361022

35
g-index

43
all docs

43
docs citations

43
times ranked

539
citing authors

#	ARTICLE	IF	CITATIONS
1	Sorting a Permutation by Best Short Swaps. <i>Algorithmica</i> , 2021, 83, 1953-1979.	1.3	2
2	Parameterized Complexity of Voter Control in Multi-Peaked Elections. <i>Theory of Computing Systems</i> , 2018, 62, 1798-1825.	1.1	2
3	The Longest Common Exemplar Subsequence Problem. , 2018, , .		2
4	Possible winner problems on partial tournaments: a parameterized study. <i>Journal of Combinatorial Optimization</i> , 2017, 33, 882-896.	1.3	4
5	Drug repurposing by integrated literature mining and drug-gene-disease triangulation. <i>Drug Discovery Today</i> , 2017, 22, 615-619.	6.4	45
6	Undirected Feedback Vertex Set. , 2016, , 2289-2291.		0
7	A Quadratic Vertex Kernel for Feedback Arc Set in Bipartite Tournaments. <i>Algorithmica</i> , 2015, 71, 87-97.	1.3	34
8	An effective branching strategy based on structural relationship among multiple forbidden induced subgraphs. <i>Journal of Combinatorial Optimization</i> , 2015, 29, 257-275.	1.3	5
9	Complexity of Disjoint $\hat{1}$ -Vertex Deletion for Disconnected Forbidden Subgraphs. <i>Lecture Notes in Computer Science</i> , 2014, , 286-297.	1.3	0
10	An Effective Branching Strategy for Some Parameterized Edge Modification Problems with Multiple Forbidden Induced Subgraphs. <i>Lecture Notes in Computer Science</i> , 2013, , 555-566.	1.3	1
11	Complexity and parameterized algorithms for Cograph Editing. <i>Theoretical Computer Science</i> , 2012, 461, 45-54.	0.9	37
12	A Quadratic Vertex Kernel for Feedback Arc Set in Bipartite Tournaments. <i>Lecture Notes in Computer Science</i> , 2012, , 825-835.	1.3	0
13	Kernelization and Parameterized Complexity of Star Editing and Union Editing. <i>Lecture Notes in Computer Science</i> , 2012, , 126-135.	1.3	0
14	Editing Graphs into Disjoint Unions of Dense Clusters. <i>Algorithmica</i> , 2011, 61, 949-970.	1.3	13
15	Graph-based data clustering with overlaps. <i>Discrete Optimization</i> , 2011, 8, 2-17.	0.9	58
16	A Complexity Dichotomy for Finding Disjoint Solutions of Vertex Deletion Problems. <i>ACM Transactions on Computation Theory</i> , 2011, 2, 1-23.	0.7	13
17	Cograph Editing: Complexity and Parameterized Algorithms. <i>Lecture Notes in Computer Science</i> , 2011, , 110-121.	1.3	10
18	Parameterized computational complexity of Dodgson and Young elections. <i>Information and Computation</i> , 2010, 208, 165-177.	0.7	34

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19	Fixed-parameter tractability results for feedback set problems in tournaments. <i>Journal of Discrete Algorithms</i> , 2010, 8, 76-86.	0.7	69
20	A More Relaxed Model for Graph-Based Data Clustering: <i>s</i> -Plex Cluster Editing. <i>SIAM Journal on Discrete Mathematics</i> , 2010, 24, 1662-1683.	0.8	31
21	A more effective linear kernelization for cluster editing. <i>Theoretical Computer Science</i> , 2009, 410, 718-726.	0.9	114
22	Fixed-parameter algorithms for Kemeny rankings. <i>Theoretical Computer Science</i> , 2009, 410, 4554-4570.	0.9	55
23	Iterative Compression for Exactly Solving NP-Hard Minimization Problems. <i>Lecture Notes in Computer Science</i> , 2009, , 65-80.	1.3	20
24	Graph-Based Data Clustering with Overlaps. <i>Lecture Notes in Computer Science</i> , 2009, , 516-526.	1.3	8
25	A Complexity Dichotomy for Finding Disjoint Solutions of Vertex Deletion Problems. <i>Lecture Notes in Computer Science</i> , 2009, , 319-330.	1.3	1
26	Fixed-Parameter Algorithms for Graph-Modeled Date Clustering. <i>Lecture Notes in Computer Science</i> , 2009, , 39-48.	1.3	1
27	Closest 4-leaf power is fixed-parameter tractable. <i>Discrete Applied Mathematics</i> , 2008, 156, 3345-3361.	0.9	5
28	Improved Algorithms and Complexity Results for Power Domination in Graphs. <i>Algorithmica</i> , 2008, 52, 177-202.	1.3	55
29	Improved Algorithms for Bicliaster Editing. , 2008, , 445-456.		14
30	Undirected Feedback Vertex Set. , 2008, , 995-996.		1
31	Invitation to data reduction and problem kernelization. <i>ACM SIGACT News</i> , 2007, 38, 31-45.	0.1	277
32	A More Effective Linear Kernelization for Cluster Editing. <i>Lecture Notes in Computer Science</i> , 2007, , 36-47.	1.3	17
33	Feedback arc set in bipartite tournaments is NP-complete. <i>Information Processing Letters</i> , 2007, 102, 62-65.	0.6	23
34	Parameterized Complexity of Vertex Cover Variants. <i>Theory of Computing Systems</i> , 2007, 41, 501-520.	1.1	94
35	Problem Kernels for NP-Complete Edge Deletion Problems: Split and Related Graphs. , 2007, , 915-926.		28
36	Compression-based fixed-parameter algorithms for feedback vertex set and edge bipartization. <i>Journal of Computer and System Sciences</i> , 2006, 72, 1386-1396.	1.2	131

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37	Error Compensation in Leaf Power Problems. <i>Algorithmica</i> , 2006, 44, 363-381.	1.3	31
38	THE COMPUTATIONAL COMPLEXITY OF AVOIDING FORBIDDEN SUBMATRICES BY ROW DELETIONS. <i>International Journal of Foundations of Computer Science</i> , 2006, 17, 1467-1484.	1.1	2
39	Graph-Modeled Data Clustering: Exact Algorithms for Clique Generation. <i>Theory of Computing Systems</i> , 2005, 38, 373-392.	1.1	144
40	A Structural View on Parameterizing Problems: Distance from Triviality. <i>Lecture Notes in Computer Science</i> , 2004, , 162-173.	1.3	52
41	Automated Generation of Search Tree Algorithms for Hard Graph Modification Problems. <i>Algorithmica</i> , 2004, 39, 321-347.	1.3	124
42	Error Compensation in Leaf Root Problems. <i>Lecture Notes in Computer Science</i> , 2004, , 389-401.	1.3	13