

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	Invitation to data reduction and problem kernelization. ACM SIGACT News, 2007, 38, 31-45.	0.1	277
2	Graph-Modeled Data Clustering: Exact Algorithms for Clique Generation. Theory of Computing Systems, 2005, 38, 373-392.	1.1	144
3	Compression-based fixed-parameter algorithms for feedback vertex set and edge bipartization. Journal of Computer and System Sciences, 2006, 72, 1386-1396.	1.2	131
4	Automated Generation of Search Tree Algorithms for Hard Graph Modification Problems. Algorithmica, 2004, 39, 321-347.	1.3	124
5	A more effective linear kernelization for cluster editing. Theoretical Computer Science, 2009, 410, 718-726.	0.9	114
6	Parameterized Complexity of Vertex Cover Variants. Theory of Computing Systems, 2007, 41, 501-520.	1.1	94
7	Fixed-parameter tractability results for feedback set problems in tournaments. Journal of Discrete Algorithms, 2010, 8, 76-86.	0.7	69
8	Graph-based data clustering with overlaps. Discrete Optimization, 2011, 8, 2-17.	0.9	58
9	Improved Algorithms and Complexity Results for Power Domination in Graphs. Algorithmica, 2008, 52, 177-202.	1.3	55
10	Fixed-parameter algorithms for Kemeny rankings. Theoretical Computer Science, 2009, 410, 4554-4570.	0.9	55
11	A Structural View on Parameterizing Problems: Distance from Triviality. Lecture Notes in Computer Science, 2004, , 162-173.	1.3	52
12	Drug repurposing by integrated literature mining and drug-gene-disease triangulation. Drug Discovery Today, 2017, 22, 615-619.	6.4	45
13	Complexity and parameterized algorithms for Cograph Editing. Theoretical Computer Science, 2012, 461, 45-54.	0.9	37
14	Parameterized computational complexity of Dodgson and Young elections. Information and Computation, 2010, 208, 165-177.	0.7	34
15	A Quadratic Vertex Kernel for Feedback Arc Set in Bipartite Tournaments. Algorithmica, 2015, 71, 87-97.	1.3	34
16	Error Compensation in Leaf Power Problems. Algorithmica, 2006, 44, 363-381.	1.3	31
17	A More Relaxed Model for Graph-Based Data Clustering: k -Plex Cluster Editing. SIAM Journal on Discrete Mathematics, 2010, 24, 1662-1683.	0.8	31
18	Problem Kernels for NP-Complete Edge Deletion Problems: Split and Related Graphs. , 2007, , 915-926.		28

#	ARTICLE	IF	CITATIONS
19	Feedback arc set in bipartite tournaments is NP-complete. Information Processing Letters, 2007, 102, 62-65.	0.6	23
20	Iterative Compression for Exactly Solving NP-Hard Minimization Problems. Lecture Notes in Computer Science, 2009, , 65-80.	1.3	20
21	A More Effective Linear Kernelization for Cluster Editing. Lecture Notes in Computer Science, 2007, , 36-47.	1.3	17
22	Improved Algorithms for Bicliaster Editing. , 2008, , 445-456.		14
23	Editing Graphs into Disjoint Unions of Dense Clusters. Algorithmica, 2011, 61, 949-970.	1.3	13
24	A Complexity Dichotomy for Finding Disjoint Solutions of Vertex Deletion Problems. ACM Transactions on Computation Theory, 2011, 2, 1-23.	0.7	13
25	Error Compensation in Leaf Root Problems. Lecture Notes in Computer Science, 2004, , 389-401.	1.3	13
26	Cograph Editing: Complexity and Parameterized Algorithms. Lecture Notes in Computer Science, 2011, , 110-121.	1.3	10
27	Graph-Based Data Clustering with Overlaps. Lecture Notes in Computer Science, 2009, , 516-526.	1.3	8
28	Closest 4-leaf power is fixed-parameter tractable. Discrete Applied Mathematics, 2008, 156, 3345-3361.	0.9	5
29	An effective branching strategy based on structural relationship among multiple forbidden induced subgraphs. Journal of Combinatorial Optimization, 2015, 29, 257-275.	1.3	5
30	Possible winner problems on partial tournaments: a parameterized study. Journal of Combinatorial Optimization, 2017, 33, 882-896.	1.3	4
31	THE COMPUTATIONAL COMPLEXITY OF AVOIDING FORBIDDEN SUBMATRICES BY ROW DELETIONS. International Journal of Foundations of Computer Science, 2006, 17, 1467-1484.	1.1	2
32	Parameterized Complexity of Voter Control in Multi-Peaked Elections. Theory of Computing Systems, 2018, 62, 1798-1825.	1.1	2
33	The Longest Common Exemplar Subsequence Problem. , 2018, , .		2
34	Sorting a Permutation by Best Short Swaps. Algorithmica, 2021, 83, 1953-1979.	1.3	2
35	An Effective Branching Strategy for Some Parameterized Edge Modification Problems with Multiple Forbidden Induced Subgraphs. Lecture Notes in Computer Science, 2013, , 555-566.	1.3	1
36	Undirected Feedback Vertex Set. , 2008, , 995-996.		1

#	ARTICLE	IF	CITATIONS
37	A Complexity Dichotomy for Finding Disjoint Solutions of Vertex Deletion Problems. Lecture Notes in Computer Science, 2009, , 319-330.	1.3	1
38	Fixed-Parameter Algorithms for Graph-Modeled Date Clustering. Lecture Notes in Computer Science, 2009, , 39-48.	1.3	1
39	Undirected Feedback Vertex Set. , 2016, , 2289-2291.		0
40	A Quadratic Vertex Kernel for Feedback Arc Set in Bipartite Tournaments. Lecture Notes in Computer Science, 2012, , 825-835.	1.3	0
41	Kernelization and Parameterized Complexity of Star Editing and Union Editing. Lecture Notes in Computer Science, 2012, , 126-135.	1.3	0
42	Complexity of Disjoint $\hat{1}$ -Vertex Deletion for Disconnected Forbidden Subgraphs. Lecture Notes in Computer Science, 2014, , 286-297.	1.3	0