

Howard Karloff

List of Publications by Year in descending order

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28
papers

947
citations

471509

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526287

27
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docs citations

28
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-Optimal Disjoint-Path Facility Location Through Set Cover by Pairs. <i>Operations Research</i> , 2020, 68, 896-926.	1.9	7
2	Sequential dependency computation via geometric data structures. <i>Computational Geometry: Theory and Applications</i> , 2014, 47, 141-148.	0.5	1
3	Improved Approximation Algorithms for Prize-Collecting Steiner Tree and TSP. <i>SIAM Journal on Computing</i> , 2011, 40, 309-332.	1.0	68
4	Disjoint-Path Facility Location: Theory and Practice. , 2011, , 60-74.		12
5	Improved Approximation Algorithms for Label Cover Problems. <i>Algorithmica</i> , 2011, 61, 190-206.	1.3	17
6	Scheduling to Minimize Staleness and Stretch in Real-Time Data Warehouses. <i>Theory of Computing Systems</i> , 2011, 49, 757-780.	1.1	11
7	Data Auditor. <i>Proceedings of the VLDB Endowment</i> , 2010, 3, 1641-1644.	3.8	31
8	â,,“ 2 2 Spreading Metrics for Vertex Ordering Problems. <i>Algorithmica</i> , 2010, 56, 577-604.	1.3	20
9	Sequential dependencies. <i>Proceedings of the VLDB Endowment</i> , 2009, 2, 574-585.	3.8	60
10	On Earthmover Distance, Metric Labeling, and 0-Extension. <i>SIAM Journal on Computing</i> , 2009, 39, 371-387.	1.0	9
11	On generating near-optimal tableaux for conditional functional dependencies. <i>Proceedings of the VLDB Endowment</i> , 2008, 1, 376-390.	3.8	121
12	Lower bounds for linear locally decodable codes and private information retrieval. <i>Computational Complexity</i> , 2006, 15, 263-296.	0.3	32
13	On the Integrality Ratio for the Asymmetric Traveling Salesman Problem. <i>Mathematics of Operations Research</i> , 2006, 31, 245-252.	1.3	31
14	Caching with Expiration Times for Internet Applications. <i>Internet Mathematics</i> , 2005, 2, 165-184.	0.7	2
15	Approximating Directed Multicuts. <i>Combinatorica</i> , 2005, 25, 251-269.	1.2	19
16	SEPARATING POINTS BY AXIS-PARALLEL LINES. <i>International Journal of Computational Geometry and Applications</i> , 2005, 15, 575-590.	0.5	16
17	Approximation Algorithms for the 0-Extension Problem. <i>SIAM Journal on Computing</i> , 2005, 34, 358-372.	1.0	43
18	OPTVersusLOADin Dynamic Storage Allocation. <i>SIAM Journal on Computing</i> , 2004, 33, 632-646.	1.0	37

#	ARTICLE	IF	CITATIONS
19	Thresholds and optimal binary comparison search trees. Journal of Algorithms, 2002, 44, 338-358.	0.9	6
20	A lower bound of on the integrality ratio of the Călinescu–Karloff–Rabani relaxation for multiway cut. Information Processing Letters, 2000, 75, 43-50.	0.6	25
21	A Decomposition Theorem for Task Systems and Bounds for Randomized Server Problems. SIAM Journal on Computing, 2000, 30, 1624-1661.	1.0	21
22	New Results on the Old k-opt Algorithm for the Traveling Salesman Problem. SIAM Journal on Computing, 1999, 28, 1998-2029.	1.0	95
23	How Good is the Goemans–Williamson MAX CUT Algorithm?. SIAM Journal on Computing, 1999, 29, 336-350.	1.0	36
24	A Better Approximation Algorithm for Finding Planar Subgraphs. Journal of Algorithms, 1998, 27, 269-302.	0.9	37
25	Competitive Algorithms for Layered Graph Traversal. SIAM Journal on Computing, 1998, 28, 447-462.	1.0	14
26	A better lower bound for on-line scheduling. Information Processing Letters, 1994, 50, 113-116.	0.6	80
27	Lower Bounds for Randomized k-Server and Motion-Planning Algorithms. SIAM Journal on Computing, 1994, 23, 293-312.	1.0	39
28	Fast algorithms for approximately counting mismatches. Information Processing Letters, 1993, 48, 53-60.	0.6	57