Howard Karloff

List of Publications by Year
in descending order

28 papers	947 citations	471509 17 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	496 citing authors

#	Article	IF	Citations
1	On generating near-optimal tableaux for conditional functional dependencies. Proceedings of the VLDB Endowment, 2008, 1, 376-390.	3.8	121
2	New Results on the Old k-opt Algorithm for the Traveling Salesman Problem. SIAM Journal on Computing, 1999, 28, 1998-2029.	1.0	95
3	A better lower bound for on-line scheduling. Information Processing Letters, 1994, 50, 113-116.	0.6	80
4	Improved Approximation Algorithms for Prize-Collecting Steiner Tree and TSP. SIAM Journal on Computing, 2011, 40, 309-332.	1.0	68
5	Sequential dependencies. Proceedings of the VLDB Endowment, 2009, 2, 574-585.	3.8	60
6	Fast algorithms for approximately counting mismatches. Information Processing Letters, 1993, 48, 53-60.	0.6	57
7	Approximation Algorithms for the 0-Extension Problem. SIAM Journal on Computing, 2005, 34, 358-372.	1.0	43
8	Lower Bounds for Randomized k-Server and Motion-Planning Algorithms. SIAM Journal on Computing, 1994, 23, 293-312.	1.0	39
9	A Better Approximation Algorithm for Finding Planar Subgraphs. Journal of Algorithms, 1998, 27, 269-302.	0.9	37
10	OPTVersusLOADin Dynamic Storage Allocation. SIAM Journal on Computing, 2004, 33, 632-646.	1.0	37
11	How Good is the Goemans--Williamson MAX CUT Algorithm?. SIAM Journal on Computing, 1999, 29, 336-350.	1.0	36
12	Lower bounds for linear locally decodable codes and private information retrieval. Computational Complexity, 2006, 15, 263-296.	0.3	32
13	On the Integrality Ratio for the Asymmetric Traveling Salesman Problem. Mathematics of Operations Research, 2006, 31, 245-252.	1.3	31
14	Data Auditor. Proceedings of the VLDB Endowment, 2010, 3, 1641-1644.	3.8	31
15	A lower bound of on the integrality ratio of the CÄƒlinescuâ€"Karloffâ€"Rabani relaxation for multiway cut. Information Processing Letters, 2000, 75, 43-50.	0.6	25
16	A Decomposition Theorem for Task Systems and Bounds for Randomized Server Problems. SIAM Journal on Computing, 2000, 30, 1624-1661.	1.0	21
17	â„¢ 2 2 Spreading Metrics for Vertex Ordering Problems. Algorithmica, 2010, 56, 577-604.	1.3	20
18	Approximating Directed Multicuts. Combinatorica, 2005, 25, 251-269.	1.2	19

#	Article	IF	Citations
19	Improved Approximation Algorithms for Label Cover Problems. Algorithmica, 2011, 61, 190-206.	1.3	17
20	SEPARATING POINTS BY AXIS-PARALLEL LINES. International Journal of Computational Geometry and Applications, 2005, 15, 575-590.	0.5	16
21	Competitive Algorithms for Layered Graph Traversal. SIAM Journal on Computing, 1998, 28, 447-462.	1.0	14
22	Disjoint-Path Facility Location: Theory and Practice. , 2011, , 60-74.		12
23	Scheduling to Minimize Staleness and Stretch in Real-Time Data Warehouses. Theory of Computing Systems, 2011, 49, 757-780.	1.1	11
24	On Earthmover Distance, Metric Labeling, and 0-Extension. SIAM Journal on Computing, 2009, 39, 371-387.	1.0	9
25	Near-Optimal Disjoint-Path Facility Location Through Set Cover by Pairs. Operations Research, 2020, 68, 896-926.	1.9	7
26	Thresholds and optimal binary comparison search trees. Journal of Algorithms, 2002, 44, 338-358.	0.9	6
27	Caching with Expiration Times for Internet Applications. Internet Mathematics, 2005, 2, 165-184.	0.7	2
28	Sequential dependency computation via geometric data structures. Computational Geometry: Theory and Applications, 2014, 47, 141-148.	0.5	1