

# David S Johnson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10959311/publications.pdf>

Version: 2024-02-01

27  
papers

6,146  
citations

471061

17  
h-index

676716

22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2955  
citing authors

#	ARTICLE	IF	CITATIONS
1	Approximation algorithms for combinatorial problems. Journal of Computer and System Sciences, 1974, 9, 256-278.	0.9	1,686
2	Unit disk graphs. Discrete Mathematics, 1990, 86, 165-177.	0.4	1,159
3	Optimization by Simulated Annealing: An Experimental Evaluation; Part I, Graph Partitioning. Operations Research, 1989, 37, 865-892.	1.2	1,099
4	How easy is local search?. Journal of Computer and System Sciences, 1988, 37, 79-100.	0.9	514
5	Fast algorithms for bin packing. Journal of Computer and System Sciences, 1974, 8, 272-314.	0.9	437
6	The NP-completeness column: an ongoing guide. Journal of Algorithms, 1985, 6, 434-451.	0.9	240
7	Local optimization and the Traveling Salesman Problem. , 1990, , 446-461.		223
8	A Catalog of Complexity Classes. , 1990, , 67-161.		164
9	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1982, 3, 182-195.	0.9	99
10	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1987, 8, 438-448.	0.9	77
11	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1987, 8, 285-303.	0.9	74
12	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1981, 2, 393-405.	0.9	65
13	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1984, 5, 284-299.	0.9	56
14	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1992, 13, 502-524.	0.9	51
15	Unit Disk Graphs. Annals of Discrete Mathematics, 1991, 48, 165-177.	1.4	39
16	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1982, 3, 288-300.	0.9	36
17	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1983, 4, 189-203.	0.9	30
18	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1988, 9, 426-444.	0.9	29

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19	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1986, 7, 289-305.	0.9	21
20	The NP-completeness column. ACM Transactions on Algorithms, 2007, 3, 24.	0.9	12
21	Disjoint-Path Facility Location: Theory and Practice. , 2011, , 60-74.		12
22	The NP-completeness column. ACM Transactions on Algorithms, 2006, 2, 473-489.	0.9	7
23	Near-Optimal Disjoint-Path Facility Location Through Set Cover by Pairs. Operations Research, 2020, 68, 896-926.	1.2	7
24	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1990, 11, 144-151.	0.9	3
25	Vector Bin Packing. , 2014, , 1-6.		3
26	Vector Bin Packing. , 2016, , 2319-2323.		2
27	Min-Sum Bin Packing. Journal of Combinatorial Optimization, 2018, 36, 508-531.	0.8	1