

# Bruce Reed

## List of Publications by Year in descending order

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29  
papers

1,844  
citations

623734  
14  
h-index

501196  
28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

928  
citing authors

#	ARTICLE	IF	CITATIONS
1	A variant of the Erdős's conjecture. Journal of Graph Theory, 2020, 94, 131-158.	0.9	8
2	Almost All String Graphs are Intersection Graphs of Plane Convex Sets. Discrete and Computational Geometry, 2020, 63, 888-917.	0.6	3
3	How to determine if a random graph with a fixed degree sequence has a giant component. Probability Theory and Related Fields, 2018, 170, 263-310.	1.8	11
4	Forcing a sparse minor. Combinatorics Probability and Computing, 2016, 25, 300-322.	1.3	18
5	For most graphs $\langle H \rangle$ , most $\langle H \rangle$ -free graphs have a linear homogeneous set. Random Structures and Algorithms, 2014, 45, 343-361.	1.1	3
6	Asymptotics of the Chromatic Number for Quasi-Line Graphs. Journal of Graph Theory, 2013, 73, 327-341.	0.9	4
7	A Linear-Time Algorithm for Finding a Complete Graph Minor in a Dense Graph. SIAM Journal on Discrete Mathematics, 2013, 27, 1770-1774.	0.8	1
8	The disjoint paths problem in quadratic time. Journal of Combinatorial Theory Series B, 2012, 102, 424-435.	1.0	112
9	Highly parity linked graphs. Combinatorica, 2009, 29, 215-225.	1.2	19
10	A general critical condition for the emergence of a giant component in random graphs with given degrees. Electronic Notes in Discrete Mathematics, 2009, 34, 639-645.	0.4	4
11	Planar graph bipartization in linear time. Discrete Applied Mathematics, 2008, 156, 1175-1180.	0.9	19
12	On the Maximum Degree of a Random Planar Graph. Combinatorics Probability and Computing, 2008, 17, 591-601.	1.3	23
13	Domination in Cubic Graphs of Large Girth. Lecture Notes in Computer Science, 2008, , 186-190.	1.3	3
14	Approximate min-max relations for odd cycles in planar graphs. Mathematical Programming, 2007, 110, 71-91.	2.4	17
15	Concentration for self-bounding functions and an inequality of Talagrand. Random Structures and Algorithms, 2006, 29, 549-557.	1.1	15
16	Planar graph bipartization in linear time. Electronic Notes in Discrete Mathematics, 2005, 19, 265-271.	0.4	3
17	Star coloring of graphs. Journal of Graph Theory, 2004, 47, 163-182.	0.9	73
18	Finding odd cycle transversals. Operations Research Letters, 2004, 32, 299-301.	0.7	321

#	ARTICLE	IF	CITATIONS
19	On Star Coloring of Graphs. Lecture Notes in Computer Science, 2001, , 140-153.	1.3	26
20	k-Colouring when k is close to $\hat{\Gamma}$ . Electronic Notes in Discrete Mathematics, 2000, 5, 235-238.	0.4	0
21	AN IMPROVED ALGORITHM FOR FINDING TREE DECOMPOSITIONS OF SMALL WIDTH. International Journal of Foundations of Computer Science, 2000, 11, 365-371.	1.1	50
22	A Strengthening of Brooks' Theorem. Journal of Combinatorial Theory Series B, 1999, 76, 136-149.	1.0	47
23	Colouring graphs whose chromatic number is almost their maximum degree. Lecture Notes in Computer Science, 1998, , 216-225.	1.3	7
24	The Size of the Giant Component of a Random Graph with a Given Degree Sequence. Combinatorics Probability and Computing, 1998, 7, 295-305.	1.3	600
25	A Bound on the Strong Chromatic Index of a Graph. Journal of Combinatorial Theory Series B, 1997, 69, 103-109.	1.0	118
26	Paths, Stars and the Number Three. Combinatorics Probability and Computing, 1996, 5, 277-295.	1.3	117
27	Rooted routing in the plane. Discrete Applied Mathematics, 1995, 57, 213-227.	0.9	22
28	Acyclic coloring of graphs. Random Structures and Algorithms, 1991, 2, 277-288.	1.1	187
29	Linear arboricity of random regular graphs. Random Structures and Algorithms, 1990, 1, 443-445.	1.1	13