# Bruce Reed

List of Publications by Year
in descending order



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|---|---|---|---|
| 29 papers | 1,844 citations | 706676 14 h-index | 563245 28 g-index |
| 29 all docs | 29 docs citations | 29 times ranked | 1062 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A variant of the ErdÅ‘sâ€“SÃ³s conjecture. Journal of Graph Theory, 2020, 94, 131-158. | 0.5 | 8 |
| 2 | Almost All String Graphs are Intersection Graphs of Plane Convex Sets. Discrete and Computational Geometry, 2020, 63, 888-917. | 0.4 | 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. | 0.9 | 11 |
| 4 | Forcing a sparse minor. Combinatorics Probability and Computing, 2016, 25, 300-322. | 0.8 | 18 |
| 5 | For most graphs H, most Hâ€free graphs have a linear homogeneous set. Random Structures and Algorithms, 2014, 45, 343-361. | 0.6 | 3 |
| 6 | Asymptotics of the Chromatic Number for Quasiâ€Line Graphs. Journal of Graph Theory, 2013, 73, 327-341. | 0.5 | 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. | 0.4 | 1 |
| 8 | The disjoint paths problem in quadratic time. Journal of Combinatorial Theory Series B, 2012, 102, 424-435. | 0.6 | 112 |
| 9 | Highly parity linked graphs. Combinatorica, 2009, 29, 215-225. | 0.6 | 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. | 0.5 | 19 |
| 12 | On the Maximum Degree of a Random Planar Graph. Combinatorics Probability and Computing, 2008, 17, 591-601. | 0.8 | 23 |
| 13 | Domination in Cubic Graphs of Large Girth. Lecture Notes in Computer Science, 2008, , 186-190. | 1.0 | 3 |
| 14 | Approximate minâ€“max relations for odd cycles in planar graphs. Mathematical Programming, 2007, 110, 71-91. | 1.6 | 17 |
| 15 | Concentration for self-bounding functions and an inequality of Talagrand. Random Structures and Algorithms, 2006, 29, 549-557. | 0.6 | 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. | 0.5 | 73 |
| 18 | Finding odd cycle transversals. Operations Research Letters, 2004, 32, 299-301. | 0.5 | 321 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | On Star Coloring of Graphs. Lecture Notes in Computer Science, 2001, , 140-153. | 1.0 | 26 |
| 20 | k-Colouring when k is close to Î”. 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. | 0.8 | 50 |
| 22 | A Strengthening of Brooks' Theorem. Journal of Combinatorial Theory Series B, 1999, 76, 136-149. | 0.6 | 47 |
| 23 | Colouring graphs whose chromatic number is almost their maximum degree. Lecture Notes in Computer Science, 1998, , 216-225. | 1.0 | 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. | 0.8 | 600 |
| 25 | A Bound on the Strong Chromatic Index of a Graph. Journal of Combinatorial Theory Series B, 1997, 69, 103-109. | 0.6 | 118 |
| 26 | Paths, Stars and the Number Three. Combinatorics Probability and Computing, 1996, 5, 277-295. | 0.8 | 117 |
| 27 | Rooted routing in the plane. Discrete Applied Mathematics, 1995, 57, 213-227. | 0.5 | 22 |
| 28 | Acyclic coloring of graphs. Random Structures and Algorithms, 1991, 2, 277-288. | 0.6 | 187 |
| 29 | Linear arboricity of random regular graphs. Random Structures and Algorithms, 1990, 1, 443-445. | 0.6 | 13 |