

Alan M Frieze

List of Publications by Citations

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334
papers

7,620
citations

43
h-index

76
g-index

349
ext. papers

8,661
ext. citations

1
avg, IF

6.07
L-index

#	Paper	IF	Citations
334	Min-Wise Independent Permutations. <i>Journal of Computer and System Sciences</i> , 2000 , 60, 630-659	1	363
333	A random polynomial-time algorithm for approximating the volume of convex bodies. <i>Journal of the ACM</i> , 1991 , 38, 1-17	2	316
332	Quick Approximation to Matrices and Applications. <i>Combinatorica</i> , 1999 , 19, 175-220	0.9	269
331	Fast monte-carlo algorithms for finding low-rank approximations. <i>Journal of the ACM</i> , 2004 , 51, 1025-1041		250
330	Clustering Large Graphs via the Singular Value Decomposition. <i>Machine Learning</i> , 2004 , 56, 9-33	4	241
329	Improved approximation algorithms for MAXk-CUT and MAX BISECTION. <i>Algorithmica</i> , 1997 , 18, 67-81	0.9	228
328	A general model of web graphs. <i>Random Structures and Algorithms</i> , 2003 , 22, 311-335	0.8	181
327	On the worst-case performance of some algorithms for the asymmetric traveling salesman problem. <i>Networks</i> , 1982 , 12, 23-39	1.6	176
326	On the Complexity of Computing the Volume of a Polyhedron. <i>SIAM Journal on Computing</i> , 1988 , 17, 967-974	1.1	170
325	The shortest-path problem for graphs with random arc-lengths. <i>Discrete Applied Mathematics</i> , 1985 , 10, 57-77	1	168
324	Introduction to Random Graphs 2016 ,		139
323	Analysis of Two Simple Heuristics on a Random Instance of k-sat. <i>Journal of Algorithms</i> , 1996 , 20, 312-355		128
322	A simple heuristic for the p-centre problem. <i>Operations Research Letters</i> , 1985 , 3, 285-288	1	117
321	On the value of a random minimum spanning tree problem. <i>Discrete Applied Mathematics</i> , 1985 , 10, 47-56		109
320	Approximation algorithms for the m-dimensional 0/1 knapsack problem: Worst-case and probabilistic analyses. <i>European Journal of Operational Research</i> , 1984 , 15, 100-109	5.6	108
319	The solution of some random NP-hard problems in polynomial expected time. <i>Journal of Algorithms</i> , 1989 , 10, 451-489		102
318	On the quadratic assignment problem. <i>Discrete Applied Mathematics</i> , 1983 , 5, 89-98	1	101

317	On the independence number of random graphs. <i>Discrete Mathematics</i> , 1990 , 81, 171-175	0.7	97
316	Planar 3DM is NP-complete. <i>Journal of Algorithms</i> , 1986 , 7, 174-184		96
315	On the complexity of partitioning graphs into connected subgraphs. <i>Discrete Applied Mathematics</i> , 1985 , 10, 139-153	1	91
314	Complexity of a 3-dimensional assignment problem. <i>European Journal of Operational Research</i> , 1983 , 13, 161-164	5.6	73
313	On graph irregularity strength. <i>Journal of Graph Theory</i> , 2002 , 41, 120-137	0.8	72
312	Algorithmic theory of random graphs. <i>Random Structures and Algorithms</i> , 1997 , 10, 5-42	0.8	70
311	Reconstructing Truncated Integer Variables Satisfying Linear Congruences. <i>SIAM Journal on Computing</i> , 1988 , 17, 262-280	1.1	70
310	An algorithm for finding hamilton paths and cycles in random graphs. <i>Combinatorica</i> , 1987 , 7, 327-341	0.9	66
309	On key storage in secure networks. <i>Journal of Cryptology</i> , 1995 , 8, 189-200	2.1	65
308	On Counting Independent Sets in Sparse Graphs. <i>SIAM Journal on Computing</i> , 2002 , 31, 1527-1541	1.1	63
307	On the connectivity of random-orientable graphs and digraphs. <i>Combinatorica</i> , 1982 , 2, 347-359	0.9	60
306	Computing the volume of convex bodies: a case where randomness provably helps. <i>Proceedings of Symposia in Applied Mathematics</i> , 1991 , 123-169		60
305	Avoiding a giant component. <i>Random Structures and Algorithms</i> , 2001 , 19, 75-85	0.8	57
304	A Geometric Preferential Attachment Model of Networks. <i>Internet Mathematics</i> , 2006 , 3, 187-205	0	54
303	Avoidance of a giant component in half the edge set of a random graph. <i>Random Structures and Algorithms</i> , 2004 , 25, 432-449	0.8	54
302	Fast Monte-Carlo algorithms for finding low-rank approximations		53
301	Random Deletion in a Scale-Free Random Graph Process. <i>Internet Mathematics</i> , 2004 , 1, 463-483	0	53
300	Maximum matchings in sparse random graphs: Karp-Sipser revisited. <i>Random Structures and Algorithms</i> , 1998 , 12, 111-177	0.8	52

299	Multiple Random Walks in Random Regular Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2010 , 23, 1738-1761	1.1	51
298	A new rounding procedure for the assignment problem with applications to dense graph arrangement problems. <i>Mathematical Programming</i> , 2002 , 92, 1-36	2.1	46
297	How many random edges make a dense graph hamiltonian?. <i>Random Structures and Algorithms</i> , 2003 , 22, 33-42	0.8	46
296	Existence and Construction of Edge-Disjoint Paths on Expander Graphs. <i>SIAM Journal on Computing</i> , 1994 , 23, 976-989	1.1	45
295	On the independence and chromatic numbers of random regular graphs. <i>Journal of Combinatorial Theory Series B</i> , 1992 , 54, 123-132	1.1	45
294	On two Hamilton cycle problems in random graphs. <i>Israel Journal of Mathematics</i> , 2008 , 166, 221-234	0.8	44
293	The Size of the Largest Strongly Connected Component of a Random Digraph with a Given Degree Sequence. <i>Combinatorics Probability and Computing</i> , 2004 , 13, 319-337	0.6	44
292	Probabilistic Analysis of a Relaxation for the k-Median Problem. <i>Mathematics of Operations Research</i> , 1988 , 13, 1-31	1.5	44
291	A Polynomial-Time Algorithm for Learning Noisy Linear Threshold Functions. <i>Algorithmica</i> , 1998 , 22, 35-52	0.9	43
290	On the Lagarias-Odlyzko Algorithm for the Subset Sum Problem. <i>SIAM Journal on Computing</i> , 1986 , 15, 536-539	1.1	43
289	Multicoloured Hamilton Cycles. <i>Electronic Journal of Combinatorics</i> , 1995 , 2,	1.1	41
288	The Cover Time of Random Regular Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2005 , 18, 728-740	0.7	39
287	The cover time of sparse random graphs. <i>Random Structures and Algorithms</i> , 2007 , 30, 1-16	0.8	38
286	The cover time of the preferential attachment graph. <i>Journal of Combinatorial Theory Series B</i> , 2007 , 97, 269-290	1.1	38
285	The probability of unique solutions of sequencing by hybridization. <i>Journal of Computational Biology</i> , 1994 , 1, 105-10	1.7	38
284	Assessing significance in a Markov chain without mixing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 2860-2864	11.5	36
283	Random walks, totally unimodular matrices, and a randomised dual simplex algorithm. <i>Mathematical Programming</i> , 1994 , 64, 1-16	2.1	36
282	On packing Hamilton cycles in \mathbb{F} -regular graphs. <i>Journal of Combinatorial Theory Series B</i> , 2005 , 94, 159-172	1	34

281	Randomly coloring sparse random graphs with fewer colors than the maximum degree. <i>Random Structures and Algorithms</i> , 2006 , 29, 450-465	0.8	33
280	On the existence of Hamiltonian cycles in a class of random graphs. <i>Discrete Mathematics</i> , 1983 , 45, 301-305		33
279	Sampling from Log-Concave Distributions. <i>Annals of Applied Probability</i> , 1994 , 4,	2	33
278	Random k-Sat: A Tight Threshold For Moderately Growing k. <i>Combinatorica</i> , 2005 , 25, 297-305	0.9	32
277	The regularity lemma and approximation schemes for dense problems		32
276	Variations on cops and robbers. <i>Journal of Graph Theory</i> , 2012 , 69, 383-402	0.8	30
275	A Mildly Exponential Time Algorithm for Approximating the Number of Solutions to a Multidimensional Knapsack Problem. <i>Combinatorics Probability and Computing</i> , 1993 , 2, 271-284	0.6	30
274	On linear programs with random costs. <i>Mathematical Programming</i> , 1986 , 35, 3-16	2.1	30
273	Adding random edges to dense graphs. <i>Random Structures and Algorithms</i> , 2004 , 24, 105-117	0.8	29
272	On random minimum length spanning trees. <i>Combinatorica</i> , 1989 , 9, 363-374	0.9	28
271	An algorithm for finding hamilton cycles in random directed graphs. <i>Journal of Algorithms</i> , 1988 , 9, 181-204		28
270	The cover time of the giant component of a random graph. <i>Random Structures and Algorithms</i> , 2008 , 32, 401-439	0.8	27
269	Optimal reconstruction of a sequence from its probes. <i>Journal of Computational Biology</i> , 1999 , 6, 361-8	1.7	27
268	Polynomial time randomized approximation schemes for Tutte-Chen invariants: The dense case. <i>Random Structures and Algorithms</i> , 1995 , 6, 459-478	0.8	27
267	Polychromatic Hamilton cycles. <i>Discrete Mathematics</i> , 1993 , 118, 69-74	0.7	27
266	A randomized algorithm for fixed-dimensional linear programming. <i>Mathematical Programming</i> , 1989 , 44, 203-212	2.1	27
265	On the chromatic number of a random hypergraph. <i>Journal of Combinatorial Theory Series B</i> , 2015 , 113, 68-122	1.1	26
264	Optimal Construction of Edge-Disjoint Paths in Random Graphs. <i>SIAM Journal on Computing</i> , 1998 , 28, 541-573	1.1	26

263	Approximately Counting Hamilton Paths and Cycles in Dense Graphs. <i>SIAM Journal on Computing</i> , 1998 , 27, 1262-1272	1.1	26
262	Probabilistic Analysis of the Multidimensional Knapsack Problem. <i>Mathematics of Operations Research</i> , 1989 , 14, 162-176	1.5	26
261	Random graph orders. <i>Order</i> , 1989 , 6, 19-30	0.5	26
260	Randomized greedy matching. II. <i>Random Structures and Algorithms</i> , 1995 , 6, 55-73	0.8	25
259	Generating and Counting Hamilton Cycles in Random Regular Graphs. <i>Journal of Algorithms</i> , 1996 , 21, 176-198		25
258	On large matchings and cycles in sparse random graphs. <i>Discrete Mathematics</i> , 1986 , 59, 243-256	0.7	25
257	Loose Hamilton Cycles in Random Uniform Hypergraphs. <i>Electronic Journal of Combinatorics</i> , 2011 , 18,	1.1	25
256	Edge-Disjoint Paths in Expander Graphs. <i>SIAM Journal on Computing</i> , 2001 , 30, 1790-1801	1.1	24
255	Finding hamilton cycles in sparse random graphs. <i>Journal of Combinatorial Theory Series B</i> , 1988 , 44, 230-250		24
254	A Geometric Preferential Attachment Model of Networks II. <i>Internet Mathematics</i> , 2007 , 4, 87-111	0	23
253	Randomized greedy matching. <i>Random Structures and Algorithms</i> , 1991 , 2, 29-45	0.8	23
252	Codes identifying sets of vertices in random networks. <i>Discrete Mathematics</i> , 2007 , 307, 1094-1107	0.7	22
251	Tight Hamilton cycles in random uniform hypergraphs. <i>Random Structures and Algorithms</i> , 2013 , 42, 374-385		21
250	On Random Symmetric Travelling Salesman Problems. <i>Mathematics of Operations Research</i> , 2004 , 29, 878-890	1.5	21
249	Mixing properties of the Swendsen-Wang process on classes of graphs. <i>Random Structures and Algorithms</i> , 1999 , 15, 242-261	0.8	21
248	Perfect Matchings in Random r-regular, s-uniform Hypergraphs. <i>Combinatorics Probability and Computing</i> , 1996 , 5, 1-14	0.6	21
247	Maximum matchings in random bipartite graphs and the space utilization of Cuckoo Hash tables. <i>Random Structures and Algorithms</i> , 2012 , 41, 334-364	0.8	20
246	Randomly coloring graphs with lower bounds on girth and maximum degree. <i>Random Structures and Algorithms</i> , 2003 , 23, 167-179	0.8	20

245	Random Regular Graphs of Non-Constant Degree: Connectivity and Hamiltonicity. <i>Combinatorics Probability and Computing</i> , 2002 , 11, 249-261	0.6	20
244	Loose Hamilton Cycles in Random 3-Uniform Hypergraphs. <i>Electronic Journal of Combinatorics</i> , 2010 , 17,	1.1	20
243	An analysis of a Monte Carlo algorithm for estimating the permanent. <i>Combinatorica</i> , 1995 , 15, 67-83	0.9	19
242	Random Minimum Length Spanning Trees in Regular Graphs. <i>Combinatorica</i> , 1998 , 18, 311-333	0.9	18
241	Hamilton cycles in 3-out. <i>Random Structures and Algorithms</i> , 2009 , 35, 393-417	0.8	17
240	On the random 2-stage minimum spanning tree. <i>Random Structures and Algorithms</i> , 2006 , 28, 24-36	0.8	17
239	Static and Dynamic Path Selection on Expander Graphs: A Random Walk Approach. <i>Random Structures and Algorithms</i> , 1999 , 14, 87-109	0.8	17
238	Probabilistic analysis of the generalised assignment problem. <i>Mathematical Programming</i> , 1992 , 55, 169-181	1.1	17
237	Maximum matchings in a class of random graphs. <i>Journal of Combinatorial Theory Series B</i> , 1986 , 40, 196-212	1.1	17
236	Hamiltonian cycles in random regular graphs. <i>Journal of Combinatorial Theory Series B</i> , 1984 , 37, 103-112	1.1	17
235	A General Model of Undirected Web Graphs. <i>Lecture Notes in Computer Science</i> , 2001 , 500-511	0.9	16
234	Covering the edges of a random graph by cliques. <i>Combinatorica</i> , 1995 , 15, 489-497	0.9	16
233			16
232	On the independence number of random cubic graphs. <i>Random Structures and Algorithms</i> , 1994 , 5, 649-664	1.1	16
231	Log-Sobolev inequalities and sampling from log-concave distributions. <i>Annals of Applied Probability</i> , 1999 , 9,	2	16
230	Random triangle removal. <i>Advances in Mathematics</i> , 2015 , 280, 379-438	1.3	15
229	The satisfiability threshold for randomly generated binary constraint satisfaction problems. <i>Random Structures and Algorithms</i> , 2006 , 28, 323-339	0.8	15
228	A probabilistic analysis of randomly generated binary constraint satisfaction problems. <i>Theoretical Computer Science</i> , 2003 , 290, 1815-1828	1.1	15

227	On Markov Chains for Randomly H-Coloring a Graph. <i>Journal of Algorithms</i> , 2001 , 39, 117-134		15
226	Algorithms for assignment problems on an array processor. <i>Parallel Computing</i> , 1989 , 11, 151-162	1	15
225	A probabilistic analysis of the next fit decreasing bin packing heuristic. <i>Operations Research Letters</i> , 1986 , 5, 233-236	1	15
224	Coloring simple hypergraphs. <i>Journal of Combinatorial Theory Series B</i> , 2013 , 103, 767-794	1.1	14
223	The emergence of a giant component in random subgraphs of pseudo-random graphs. <i>Random Structures and Algorithms</i> , 2004 , 24, 42-50	0.8	14
222	Hamilton cycles in random graphs and directed graphs. <i>Random Structures and Algorithms</i> , 2000 , 16, 369-401	0.8	14
221	An extension of Christofides heuristic to the k-person travelling salesman problem. <i>Discrete Applied Mathematics</i> , 1983 , 6, 79-83	1	14
220	A Simple Algorithm for Constructing Szemerdi's Regularity Partition. <i>Electronic Journal of Combinatorics</i> , 1999 , 6,	1.1	14
219	Stationary distribution and cover time of random walks on random digraphs. <i>Journal of Combinatorial Theory Series B</i> , 2012 , 102, 329-362	1.1	13
218	An Efficient Sparse Regularity Concept. <i>SIAM Journal on Discrete Mathematics</i> , 2010 , 23, 2000-2034	0.7	13
217	Karp Bipser on Random Graphs with a Fixed Degree Sequence. <i>Combinatorics Probability and Computing</i> , 2011 , 20, 721-741	0.6	13
216	Coloring H-free hypergraphs. <i>Random Structures and Algorithms</i> , 2010 , 36, 11-25	0.8	13
215	Multi-Coloured Hamilton Cycles in Random Edge-Coloured Graphs. <i>Combinatorics Probability and Computing</i> , 2002 , 11, 129-133	0.6	13
214	Random Regular Graphs of Non-Constant Degree: Independence and Chromatic Number. <i>Combinatorics Probability and Computing</i> , 2002 , 11, 323-341	0.6	13
213	Perfect matchings in random s-uniform hypergraphs. <i>Random Structures and Algorithms</i> , 1995 , 7, 41-57	0.8	13
212	Counting the Number of Hamilton Cycles in Random Digraphs. <i>Random Structures and Algorithms</i> , 1992 , 3, 235-241	0.8	13
211	A partitioning algorithm for minimum weighted Euclidean matching. <i>Information Processing Letters</i> , 1984 , 18, 59-62	0.8	13
210	Rainbow hamilton cycles in random graphs. <i>Random Structures and Algorithms</i> , 2014 , 44, 328-354	0.8	12

209	Packing tight Hamilton cycles in 3-uniform hypergraphs. <i>Random Structures and Algorithms</i> , 2012 , 40, 269-300	0.8	12
208	Packing hamilton cycles in random and pseudo-random hypergraphs. <i>Random Structures and Algorithms</i> , 2012 , 41, 1-22	0.8	12
207	An Analysis of Random-Walk Cuckoo Hashing. <i>SIAM Journal on Computing</i> , 2011 , 40, 291-308	1.1	12
206	Finding a maximum matching in a sparse random graph in $O(n)$ expected time. <i>Journal of the ACM</i> , 2010 , 57, 1-27	2	12
205	Line-of-Sight Networks. <i>Combinatorics Probability and Computing</i> , 2009 , 18, 145-163	0.6	12
204	Mixing properties of the Swendsen-Wang process on the complete graph and narrow grids. <i>Journal of Mathematical Physics</i> , 2000 , 41, 1499-1527	1.2	12
203			12
202	Hamilton Cycles in Random Regular Digraphs. <i>Combinatorics Probability and Computing</i> , 1994 , 3, 39-49	0.6	12
201	Large induced trees in sparse random graphs. <i>Journal of Combinatorial Theory Series B</i> , 1987 , 42, 181-195	1.1	12
200	Parallel algorithms for finding Hamilton cycles in random graphs. <i>Information Processing Letters</i> , 1987 , 25, 111-117	0.8	12
199	Analysis of heuristics for finding a maximum weight planar subgraph. <i>European Journal of Operational Research</i> , 1985 , 20, 102-114	5.6	12
198	Multiple Random Walks and Interacting Particle Systems. <i>Lecture Notes in Computer Science</i> , 2009 , 399-410	1.0	12
197	A SURVEY ON THE USE OF MARKOV CHAINS TO RANDOMLY SAMPLE COLOURINGS 2007 , 53-71		12
196	On the Length of a Random Minimum Spanning Tree. <i>Combinatorics Probability and Computing</i> , 2016 , 25, 89-107	0.6	12
195	Randomly coloring constant degree graphs. <i>Random Structures and Algorithms</i> , 2013 , 43, 181-200	0.8	11
194	Ramsey games with giants. <i>Random Structures and Algorithms</i> , 2011 , 38, 1-32	0.8	11
193	Greedy Algorithms for the Shortest Common Superstring That Are Asymptotically Optimal. <i>Algorithmica</i> , 1998 , 21, 21-36	0.9	11
192	The game chromatic number of random graphs. <i>Random Structures and Algorithms</i> , 2008 , 32, 223-235	0.8	11

191	Splitting an Expander Graph. <i>Journal of Algorithms</i> , 1999 , 33, 166-172		11
190	Broadcasting in random graphs. <i>Discrete Applied Mathematics</i> , 1994 , 54, 77-79	1	11
189	Large holes in sparse random graphs. <i>Combinatorica</i> , 1987 , 7, 265-274	0.9	11
188	Shortest path algorithms for knapsack type problems. <i>Mathematical Programming</i> , 1976 , 11, 150-157	2.1	11
187	Optimal Divisibility Conditions for Loose Hamilton Cycles in Random Hypergraphs. <i>Electronic Journal of Combinatorics</i> , 2012 , 19,	1.1	11
186	On Balls and Bins with Deletions. <i>Lecture Notes in Computer Science</i> , 1998 , 145-158	0.9	11
185	Some Typical Properties of the Spatial Preferred Attachment Model. <i>Internet Mathematics</i> , 2014 , 10, 116-136	0	10
184	Cover time of a random graph with given degree sequence. <i>Discrete Mathematics</i> , 2012 , 312, 3146-3163	0.7	10
183	Product rule wins a competitive game. <i>Proceedings of the American Mathematical Society</i> , 2007 , 135, 3061-3072	0.8	10
182	The diameter of randomly perturbed digraphs and some applications. <i>Random Structures and Algorithms</i> , 2007 , 30, 484-504	0.8	10
181	Hamilton cycles in random subgraphs of pseudo-random graphs. <i>Discrete Mathematics</i> , 2002 , 256, 137-150	0.7	10
180	Optimal sequencing by hybridization in rounds. <i>Journal of Computational Biology</i> , 2002 , 9, 355-69	1.7	10
179	On the power of universal bases in sequencing by hybridization 1999 ,		10
178	When Is the Assignment Bound Tight for the Asymmetric Traveling-Salesman Problem?. <i>SIAM Journal on Computing</i> , 1995 , 24, 484-493	1.1	10
177	Hamilton Cycles in a Class of Random Directed Graphs. <i>Journal of Combinatorial Theory Series B</i> , 1994 , 62, 151-163	1.1	10
176	The worst-case running time of the random simplex algorithm is exponential in the height. <i>Information Processing Letters</i> , 1995 , 56, 79-81	0.8	10
175	On the number of hamilton cycles in a random graph. <i>Journal of Graph Theory</i> , 1989 , 13, 719-735	0.8	10
174	A new integer programming formulation for the permutation flowshop problem. <i>European Journal of Operational Research</i> , 1989 , 40, 90-98	5.6	10

173	On patching algorithms for random asymmetric travelling salesman problems. <i>Mathematical Programming</i> , 1990 , 46, 361-378	2.1	10
172	Probabilistic analysis of a parallel algorithm for finding maximal independent sets. <i>Random Structures and Algorithms</i> , 1990 , 1, 39-50	0.8	10
171	On smoothed k-CNF formulas and the Walksat algorithm 2009 ,		10
170	The cover time of random geometric graphs. <i>Random Structures and Algorithms</i> , 2011 , 38, 324-349	0.8	9
169	Randomly coloring constant degree graphs		9
168	Optimal Construction of Edge-Disjoint Paths in Random Regular Graphs. <i>Combinatorics Probability and Computing</i> , 2000 , 9, 241-263	0.6	9
167	Partitioning heuristics for two geometric maximization problems. <i>Operations Research Letters</i> , 1984 , 3, 267-270	1	9
166	A Geometric Preferential Attachment Model of Networks. <i>Lecture Notes in Computer Science</i> , 2004 , 44-55.	0.9	9
165	On Certain Properties of Random Apollonian Networks. <i>Lecture Notes in Computer Science</i> , 2012 , 93-112.	0.9	9
164	Rainbow Connection of Random Regular Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2015 , 29, 2255-2266	0.6	8
163	On the Non-Planarity of a Random Subgraph. <i>Combinatorics Probability and Computing</i> , 2013 , 22, 722-732.	0.6	8
162	The Game of JumbleG. <i>Combinatorics Probability and Computing</i> , 2005 , 14, 783	0.6	8
161	On the random construction of heaps. <i>Information Processing Letters</i> , 1988 , 27, 103-109	0.8	8
160	A Note on Random Minimum Length Spanning Trees. <i>Electronic Journal of Combinatorics</i> , 2000 , 7,	1.1	8
159	Algorithmic theory of random graphs 1997 , 10, 5		8
158	Rainbow matchings and Hamilton cycles in random graphs. <i>Random Structures and Algorithms</i> , 2016 , 48, 503-523	0.8	7
157	A note on the localization number of random graphs: Diameter two case. <i>Discrete Applied Mathematics</i> , 2019 , 254, 107-112	1	7
156	The cover times of random walks on random uniform hypergraphs. <i>Theoretical Computer Science</i> , 2013 , 509, 51-69	1.1	7

155	Approximate counting of regular hypergraphs. <i>Information Processing Letters</i> , 2013 , 113, 785-788	0.8	7
154	Analyzing Walksat on Random Formulas. <i>SIAM Journal on Computing</i> , 2014 , 43, 1456-1485	1.1	7
153	Packing Tight Hamilton Cycles in Uniform Hypergraphs. <i>SIAM Journal on Discrete Mathematics</i> , 2012 , 26, 435-451	0.7	7
152	Random 2-SAT with Prescribed Literal Degrees. <i>Algorithmica</i> , 2007 , 48, 249-265	0.9	7
151	Randomly colouring graphs with lower bounds on girth and maximum degree 2001 ,		7
150	A general approach to dynamic packet routing with bounded buffers		7
149	Finding hidden hamiltonian cycles. <i>Random Structures and Algorithms</i> , 1994 , 5, 395-410	0.8	7
148	On an optimization problem with nested constraints. <i>Discrete Applied Mathematics</i> , 1990 , 26, 159-173	1	7
147	On the Number of Perfect Matchings and Hamilton Cycles in ϵ -Regular Non-bipartite Graphs. <i>Electronic Journal of Combinatorics</i> , 2000 , 7,	1.1	7
146	A note on the random greedy triangle-packing algorithm. <i>Electronic Journal of Combinatorics</i> , 2010 , 1, 477-488	0	7
145	A Geometric Preferential Attachment Model of Networks II 2007 , 41-55		7
144	An almost linear time algorithm for finding Hamilton cycles in sparse random graphs with minimum degree at least three. <i>Random Structures and Algorithms</i> , 2015 , 47, 73-98	0.8	6
143	Cops and Robbers on Geometric Graphs. <i>Combinatorics Probability and Computing</i> , 2012 , 21, 816-834	0.6	6
142	Hypergraphs with independent neighborhoods. <i>Combinatorica</i> , 2010 , 30, 277-293	0.9	6
141	On the Chromatic Number of Random Graphs with a Fixed Degree Sequence. <i>Combinatorics Probability and Computing</i> , 2007 , 16, 733	0.6	6
140	The Strong Chromatic Index of Random Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2005 , 19, 719-727	0.7	6
139	Perfect matchings in random bipartite graphs with minimal degree at least 2. <i>Random Structures and Algorithms</i> , 2005 , 26, 319-358	0.8	6
138	A general approach to dynamic packet routing with bounded buffers. <i>Journal of the ACM</i> , 2001 , 48, 324-349		6

137	Average-case complexity of shortest-paths problems in the vertex-potential model. <i>Random Structures and Algorithms</i> , 2000 , 16, 33-46	0.8	6
136	On the Exact Solution of Random Travelling Salesman Problems with Medium Size Integer Coefficients. <i>SIAM Journal on Computing</i> , 1987 , 16, 1052-1072	1.1	6
135	Bottleneck Linear Programming. <i>Operational Research Quarterly</i> , 1975 , 26, 871		6
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