

Alan M Frieze

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Spanners in randomly weighted graphs: Independent edge lengths. <i>Discrete Applied Mathematics</i> , 2022 , 309, 68-74 | 1 | 0 |
| 333 | Localization game for random graphs. <i>Discrete Applied Mathematics</i> , 2022 , 309, 202-214 | 1 | 1 |
| 332 | The Concentration of the Maximum Degree in the Duplication-Divergence Models. <i>Lecture Notes in Computer Science</i> , 2021 , 413-424 | 0.9 | |
| 331 | A scaling limit for the length of the longest cycle in a sparse random graph. <i>Journal of Combinatorial Theory Series B</i> , 2021 , 148, 184-208 | 1.1 | 2 |
| 330 | Probabilistic analysis of algorithms for cost constrained minimum weighted combinatorial objects. <i>Operations Research Letters</i> , 2021 , 49, 400-404 | 1 | 0 |
| 329 | Maker Breaker on digraphs. <i>Journal of Graph Theory</i> , 2021 , 98, 653 | 0.8 | |
| 328 | Isomorphism for random k-uniform hypergraphs. <i>Information Processing Letters</i> , 2021 , 166, 106039 | 0.8 | 1 |
| 327 | Finding maximum matchings in random regular graphs in linear expected time. <i>Random Structures and Algorithms</i> , 2021 , 58, 390-429 | 0.8 | |
| 326 | Shortest paths with a cost constraint: A probabilistic analysis. <i>Discrete Applied Mathematics</i> , 2021 , 302, 46-53 | 1 | 1 |
| 325 | The Effect of Adding Randomly Weighted Edges. <i>SIAM Journal on Discrete Mathematics</i> , 2021 , 35, 1182-1200 | 1.0 | 1 |
| 324 | On the connectivity of proper colorings of random graphs and hypergraphs. <i>Random Structures and Algorithms</i> , 2020 , 56, 988-997 | 0.8 | 1 |
| 323 | Degree Distribution for Duplication-Divergence Graphs: Large Deviations. <i>Lecture Notes in Computer Science</i> , 2020 , 226-237 | 0.9 | 2 |
| 322 | A Note on Randomly Colored Matchings in Random Bipartite Graphs. <i>Springer Optimization and Its Applications</i> , 2020 , 199-205 | 0.4 | 1 |
| 321 | The Game Chromatic Number of a Random Hypergraph. <i>Springer Optimization and Its Applications</i> , 2020 , 153-175 | 0.4 | |
| 320 | Random Graphs with a Fixed Maximum Degree. <i>SIAM Journal on Discrete Mathematics</i> , 2020 , 34, 53-61 | 0.7 | |
| 319 | On random multi-dimensional assignment problems. <i>Discrete Applied Mathematics</i> , 2020 , 287, 1-9 | 1 | 1 |
| 318 | Hamilton cycles in random graphs with minimum degree at least 3: An improved analysis. <i>Random Structures and Algorithms</i> , 2020 , 57, 865-878 | 0.8 | 1 |

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|-----|---|-----|---|
| 317 | How many randomly colored edges make a randomly colored dense graph rainbow Hamiltonian or rainbow connected?. <i>Journal of Graph Theory</i> , 2019 , 92, 405-414 | 0.8 | 2 |
| 316 | Pattern Colored Hamilton Cycles in Random Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2019 , 33, 528-545 | 0.7 | 2 |
| 315 | A note on the localization number of random graphs: Diameter two case. <i>Discrete Applied Mathematics</i> , 2019 , 254, 107-112 | 1 | 7 |
| 314 | On the Cover Time of Dense Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2019 , 33, 1374-1389 | 0.7 | |
| 313 | Minors of a random binary matroid. <i>Random Structures and Algorithms</i> , 2019 , 55, 865-880 | 0.8 | |
| 312 | Traveling in randomly embedded random graphs. <i>Random Structures and Algorithms</i> , 2019 , 55, 649-676 | 0.8 | 2 |
| 311 | On the insertion time of random walk cuckoo hashing. <i>Random Structures and Algorithms</i> , 2019 , 54, 721-729 | 0.8 | |
| 310 | Perfect matchings and Hamiltonian cycles in the preferential attachment model. <i>Random Structures and Algorithms</i> , 2019 , 54, 258-288 | 0.8 | 4 |
| 309 | Online purchasing under uncertainty. <i>Random Structures and Algorithms</i> , 2018 , 53, 327-351 | 0.8 | |
| 308 | Balanced allocation through random walk. <i>Information Processing Letters</i> , 2018 , 131, 39-43 | 0.8 | |
| 307 | On the trace of random walks on random graphs. <i>Proceedings of the London Mathematical Society</i> , 2018 , 116, 847-877 | 1.2 | 0 |
| 306 | A greedy algorithm for finding a large 2-matching on a random cubic graph. <i>Journal of Graph Theory</i> , 2018 , 88, 449-481 | 0.8 | |
| 305 | Elegantly Colored Paths and Cycles in Edge Colored Random Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2018 , 32, 1585-1618 | 0.7 | 5 |
| 304 | On Edge-Disjoint Spanning Trees in a Randomly Weighted Complete Graph. <i>Combinatorics Probability and Computing</i> , 2018 , 27, 228-244 | 0.6 | 1 |
| 303 | Discordant Voting Processes on Finite Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2018 , 32, 2398-2420 | 0.7 | 0 |
| 302 | A note on dispersing particles on a line. <i>Random Structures and Algorithms</i> , 2018 , 53, 586-591 | 0.8 | 1 |
| 301 | Packing Hamilton Cycles Online. <i>Combinatorics Probability and Computing</i> , 2018 , 27, 475-495 | 0.6 | 1 |
| 300 | On random k-out subgraphs of large graphs. <i>Random Structures and Algorithms</i> , 2017 , 50, 143-157 | 0.8 | 3 |

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|-----|---|------|-----|
| 299 | 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 |
| 298 | Randomly coloring simple hypergraphs with fewer colors. <i>Information Processing Letters</i> , 2017 , 126, 39-42.8 | | 5 |
| 297 | Minimum Cost Matching in a Random Graph with Random Costs. <i>SIAM Journal on Discrete Mathematics</i> , 2017 , 31, 489-510 | 0.7 | 1 |
| 296 | Separating subadditive euclidean functionals. <i>Random Structures and Algorithms</i> , 2017 , 51, 375-403 | 0.8 | |
| 295 | Embedding the Erdős-Rényi hypergraph into the random regular hypergraph and Hamiltonicity. <i>Journal of Combinatorial Theory Series B</i> , 2017 , 122, 719-740 | 1.1 | 5 |
| 294 | Looking for vertex number one. <i>Annals of Applied Probability</i> , 2017 , 27, | 2 | 5 |
| 293 | On-Line List Colouring of Random Graphs. <i>Trends in Mathematics</i> , 2017 , 47-53 | 0.3 | |
| 292 | Separating subadditive euclidean functionals 2016 , | | 1 |
| 291 | Vacant Sets and Vacant Nets: Component Structures Induced by a Random Walk. <i>SIAM Journal on Discrete Mathematics</i> , 2016 , 30, 166-205 | 0.7 | 1 |
| 290 | Rainbow matchings and Hamilton cycles in random graphs. <i>Random Structures and Algorithms</i> , 2016 , 48, 503-523 | 0.8 | 7 |
| 289 | Introduction to Random Graphs 2016 , | | 139 |
| 288 | Rainbow Arborescence in Random Digraphs. <i>Journal of Graph Theory</i> , 2016 , 83, 251-265 | 0.8 | 5 |
| 287 | On the Length of a Random Minimum Spanning Tree. <i>Combinatorics Probability and Computing</i> , 2016 , 25, 89-107 | 0.6 | 12 |
| 286 | Efficient algorithms for three-dimensional axial and planar random assignment problems. <i>Random Structures and Algorithms</i> , 2015 , 46, 160-196 | 0.8 | 2 |
| 285 | Random triangle removal. <i>Advances in Mathematics</i> , 2015 , 280, 379-438 | 1.3 | 15 |
| 284 | Loose Hamilton Cycles in Regular Hypergraphs. <i>Combinatorics Probability and Computing</i> , 2015 , 24, 179-194 | | 3 |
| 283 | Walker-Breaker Games. <i>SIAM Journal on Discrete Mathematics</i> , 2015 , 29, 1476-1485 | 0.7 | 5 |
| 282 | 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 |

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|-----|---|-----|----|
| 281 | Long Paths in Random Apollonian Networks. <i>Internet Mathematics</i> , 2015 , 11, 308-318 | 0 | 3 |
| 280 | Rainbow Connection of Random Regular Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2015 , 29, 2255-2266 | 0 | 8 |
| 279 | On the chromatic number of a random hypergraph. <i>Journal of Combinatorial Theory Series B</i> , 2015 , 113, 68-122 | 1.1 | 26 |
| 278 | Power of k Choices and Rainbow Spanning Trees in Random Graphs. <i>Electronic Journal of Combinatorics</i> , 2015 , 22, | 1.1 | 2 |
| 277 | Expanders via Random Spanning Trees. <i>SIAM Journal on Computing</i> , 2014 , 43, 497-513 | 1.1 | 1 |
| 276 | Some Typical Properties of the Spatial Preferred Attachment Model. <i>Internet Mathematics</i> , 2014 , 10, 116-136 | 0 | 10 |
| 275 | Maker-breaker games on random geometric graphs. <i>Random Structures and Algorithms</i> , 2014 , 45, 553-607. | 0.8 | 3 |
| 274 | Cover time of a random graph with a degree sequence II: Allowing vertices of degree two. <i>Random Structures and Algorithms</i> , 2014 , 45, 627-674 | 0.8 | 1 |
| 273 | The height of random k -trees and related branching processes. <i>Random Structures and Algorithms</i> , 2014 , 45, 675-702 | 0.8 | 5 |
| 272 | On a greedy 2-matching algorithm and Hamilton cycles in random graphs with minimum degree at least three. <i>Random Structures and Algorithms</i> , 2014 , 45, 443-497 | 0.8 | 4 |
| 271 | Analyzing Walksat on Random Formulas. <i>SIAM Journal on Computing</i> , 2014 , 43, 1456-1485 | 1.1 | 7 |
| 270 | Rainbow hamilton cycles in random graphs. <i>Random Structures and Algorithms</i> , 2014 , 44, 328-354 | 0.8 | 12 |
| 269 | The t -Tone Chromatic Number of Random Graphs. <i>Graphs and Combinatorics</i> , 2014 , 30, 1073-1086 | 0.5 | 0 |
| 268 | Component structure of the vacant set induced by a random walk on a random graph. <i>Random Structures and Algorithms</i> , 2013 , 42, 135-158 | 0.8 | 4 |
| 267 | Tight Hamilton cycles in random uniform hypergraphs. <i>Random Structures and Algorithms</i> , 2013 , 42, 374-385 | 0.8 | 21 |
| 266 | Randomly coloring constant degree graphs. <i>Random Structures and Algorithms</i> , 2013 , 43, 181-200 | 0.8 | 11 |
| 265 | Coloring simple hypergraphs. <i>Journal of Combinatorial Theory Series B</i> , 2013 , 103, 767-794 | 1.1 | 14 |
| 264 | The cover times of random walks on random uniform hypergraphs. <i>Theoretical Computer Science</i> , 2013 , 509, 51-69 | 1.1 | 7 |

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|-----|---|-----|----|
| 263 | Approximate counting of regular hypergraphs. <i>Information Processing Letters</i> , 2013 , 113, 785-788 | 0.8 | 7 |
| 262 | On the Non-Planarity of a Random Subgraph. <i>Combinatorics Probability and Computing</i> , 2013 , 22, 722-732.6 | | 8 |
| 261 | On the Game Chromatic Number of Sparse Random Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2013 , 27, 768-790 | 0.7 | 2 |
| 260 | On a sparse random graph with minimum degree three: Likely P&A sets are large. <i>Electronic Journal of Combinatorics</i> , 2013 , 4, 123-156 | 0 | 1 |
| 259 | The Probabilistic Method. <i>Discrete Mathematics and Its Applications</i> , 2013 , 1026-1037 | | |
| 258 | 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 |
| 257 | Variations on cops and robbers. <i>Journal of Graph Theory</i> , 2012 , 69, 383-402 | 0.8 | 30 |
| 256 | Packing Tight Hamilton Cycles in Uniform Hypergraphs. <i>SIAM Journal on Discrete Mathematics</i> , 2012 , 26, 435-451 | 0.7 | 7 |
| 255 | Cover time of a random graph with given degree sequence. <i>Discrete Mathematics</i> , 2012 , 312, 3146-3163 | 0.7 | 10 |
| 254 | Packing tight Hamilton cycles in 3-uniform hypergraphs. <i>Random Structures and Algorithms</i> , 2012 , 40, 269-300 | 0.8 | 12 |
| 253 | Packing hamilton cycles in random and pseudo-random hypergraphs. <i>Random Structures and Algorithms</i> , 2012 , 41, 1-22 | 0.8 | 12 |
| 252 | 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 |
| 251 | Cops and Robbers on Geometric Graphs. <i>Combinatorics Probability and Computing</i> , 2012 , 21, 816-834 | 0.6 | 6 |
| 250 | Optimal Divisibility Conditions for Loose Hamilton Cycles in Random Hypergraphs. <i>Electronic Journal of Combinatorics</i> , 2012 , 19, | 1.1 | 11 |
| 249 | On Certain Properties of Random Apollonian Networks. <i>Lecture Notes in Computer Science</i> , 2012 , 93-112 | 0.9 | 9 |
| 248 | Some Typical Properties of the Spatial Preferred Attachment Model. <i>Lecture Notes in Computer Science</i> , 2012 , 29-40 | 0.9 | 6 |
| 247 | An Analysis of Random-Walk Cuckoo Hashing. <i>SIAM Journal on Computing</i> , 2011 , 40, 291-308 | 1.1 | 12 |
| 246 | The cover time of random geometric graphs. <i>Random Structures and Algorithms</i> , 2011 , 38, 324-349 | 0.8 | 9 |

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|-----|--|-----|----|
| 245 | Ramsey games with giants. <i>Random Structures and Algorithms</i> , 2011 , 38, 1-32 | 0.8 | 11 |
| 244 | Randomly coloring simple hypergraphs. <i>Information Processing Letters</i> , 2011 , 111, 848-853 | 0.8 | 4 |
| 243 | Karpřpiser on Random Graphs with a Fixed Degree Sequence. <i>Combinatorics Probability and Computing</i> , 2011 , 20, 721-741 | 0.6 | 13 |
| 242 | Packing tight Hamilton cycles in 3-uniform hypergraphs 2011 , | | 1 |
| 241 | Component structure of the vacant set induced by a random walk on a random graph. 2011 , | | 2 |
| 240 | Loose Hamilton Cycles in Random Uniform Hypergraphs. <i>Electronic Journal of Combinatorics</i> , 2011 , 18, | 1.1 | 25 |
| 239 | The Cover Times of Random Walks on Hypergraphs. <i>Lecture Notes in Computer Science</i> , 2011 , 210-221 | 0.9 | 2 |
| 238 | Random Walks with Look-Ahead in Scale-Free Random Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2010 , 24, 1162-1176 | 0.7 | 1 |
| 237 | An Efficient Sparse Regularity Concept. <i>SIAM Journal on Discrete Mathematics</i> , 2010 , 23, 2000-2034 | 0.7 | 13 |
| 236 | Flips in Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2010 , 24, 1046-1055 | 0.7 | 1 |
| 235 | Hamilton Cycles in Random Graphs with a Fixed Degree Sequence. <i>SIAM Journal on Discrete Mathematics</i> , 2010 , 24, 558-569 | 0.7 | 3 |
| 234 | 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 |
| 233 | Multiple Random Walks in Random Regular Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2010 , 23, 1738-1761 | 1.1 | 15 |
| 232 | Hypergraphs with independent neighborhoods. <i>Combinatorica</i> , 2010 , 30, 277-293 | 0.9 | 6 |
| 231 | Anti-Ramsey properties of random graphs. <i>Journal of Combinatorial Theory Series B</i> , 2010 , 100, 299-312 | 1.1 | 4 |
| 230 | Randomly coloring random graphs. <i>Random Structures and Algorithms</i> , 2010 , 36, 251-272 | 0.8 | 2 |
| 229 | Coloring H-free hypergraphs. <i>Random Structures and Algorithms</i> , 2010 , 36, 11-25 | 0.8 | 13 |
| 228 | Loose Hamilton Cycles in Random 3-Uniform Hypergraphs. <i>Electronic Journal of Combinatorics</i> , 2010 , 17, | 1.1 | 20 |

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| 227 | A note on the random greedy triangle-packing algorithm. <i>Electronic Journal of Combinatorics</i> , 2010 , 1, 477-488 | 0 | 7 |
| 226 | Hamilton cycles in 3-out. <i>Random Structures and Algorithms</i> , 2009 , 35, 393-417 | 0.8 | 17 |
| 225 | Memoryless Rules for Achlioptas Processes. <i>SIAM Journal on Discrete Mathematics</i> , 2009 , 23, 993-1008 | 0.7 | 2 |
| 224 | Line-of-Sight Networks. <i>Combinatorics Probability and Computing</i> , 2009 , 18, 145-163 | 0.6 | 12 |
| 223 | On smoothed k-CNF formulas and the Walksat algorithm 2009 , | | 10 |
| 222 | Separating populations with wide data: A spectral analysis. <i>Electronic Journal of Statistics</i> , 2009 , 3, | 1.2 | 2 |
| 221 | Multiple Random Walks and Interacting Particle Systems. <i>Lecture Notes in Computer Science</i> , 2009 , 399-410 | 1.0 | 12 |
| 220 | Average-Case Analyses of Vickrey Costs. <i>Lecture Notes in Computer Science</i> , 2009 , 434-447 | 0.9 | 1 |
| 219 | Random Walks on Random Graphs. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2009 , 95-106 | 0.2 | 3 |
| 218 | Logconcave random graphs 2008 , | | 1 |
| 217 | Hamilton Cycles in Random Lifts of Directed Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2008 , 22, 520-540 | 0.7 | 2 |
| 216 | On two Hamilton cycle problems in random graphs. <i>Israel Journal of Mathematics</i> , 2008 , 166, 221-234 | 0.8 | 44 |
| 215 | The game chromatic number of random graphs. <i>Random Structures and Algorithms</i> , 2008 , 32, 223-235 | 0.8 | 11 |
| 214 | The cover time of the giant component of a random graph. <i>Random Structures and Algorithms</i> , 2008 , 32, 401-439 | 0.8 | 27 |
| 213 | Game chromatic index of graphs with given restrictions on degrees. <i>Theoretical Computer Science</i> , 2008 , 407, 242-249 | 1.1 | 2 |
| 212 | On the Chromatic Number of Simple Triangle-Free Triple Systems. <i>Electronic Journal of Combinatorics</i> , 2008 , 15, | 1.1 | 4 |
| 211 | Product rule wins a competitive game. <i>Proceedings of the American Mathematical Society</i> , 2007 , 135, 3061-3072 | 0.8 | 10 |
| 210 | Codes identifying sets of vertices in random networks. <i>Discrete Mathematics</i> , 2007 , 307, 1094-1107 | 0.7 | 22 |

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|-----|---|-----|----|
| 209 | The cover time of sparse random graphs. <i>Random Structures and Algorithms</i> , 2007 , 30, 1-16 | 0.8 | 38 |
| 208 | Randomly generated intersecting hypergraphs II. <i>Random Structures and Algorithms</i> , 2007 , 30, 17-34 | 0.8 | 3 |
| 207 | The diameter of randomly perturbed digraphs and some applications. <i>Random Structures and Algorithms</i> , 2007 , 30, 484-504 | 0.8 | 10 |
| 206 | Random 2-SAT with Prescribed Literal Degrees. <i>Algorithmica</i> , 2007 , 48, 249-265 | 0.9 | 7 |
| 205 | The cover time of the preferential attachment graph. <i>Journal of Combinatorial Theory Series B</i> , 2007 , 97, 269-290 | 1.1 | 38 |
| 204 | A Geometric Preferential Attachment Model of Networks II. <i>Internet Mathematics</i> , 2007 , 4, 87-111 | 0 | 23 |
| 203 | Adversarial Deletion in a Scale-Free Random Graph Process. <i>Combinatorics Probability and Computing</i> , 2007 , 16, 261 | 0.6 | 5 |
| 202 | On the Average Case Performance of Some Greedy Approximation Algorithms For the Uncapacitated Facility Location Problem. <i>Combinatorics Probability and Computing</i> , 2007 , 16, 713 | 0.6 | 1 |
| 201 | On the Chromatic Number of Random Graphs with a Fixed Degree Sequence. <i>Combinatorics Probability and Computing</i> , 2007 , 16, 733 | 0.6 | 6 |
| 200 | First-Order Definability of Trees and Sparse Random Graphs. <i>Combinatorics Probability and Computing</i> , 2007 , 16, 375 | 0.6 | 1 |
| 199 | The Probabilistic Relationship Between the Assignment and Asymmetric Traveling Salesman Problems. <i>SIAM Journal on Computing</i> , 2007 , 36, 1435-1452 | 1.1 | 4 |
| 198 | The Cover Time of Random Digraphs. <i>Lecture Notes in Computer Science</i> , 2007 , 422-435 | 0.9 | 2 |
| 197 | A Geometric Preferential Attachment Model of Networks II 2007 , 41-55 | | 7 |
| 196 | A SURVEY ON THE USE OF MARKOV CHAINS TO RANDOMLY SAMPLE COLOURINGS 2007 , 53-71 | | 12 |
| 195 | The Influence of Search Engines on Preferential Attachment. <i>Internet Mathematics</i> , 2006 , 3, 361-381 | 0 | 2 |
| 194 | A Geometric Preferential Attachment Model of Networks. <i>Internet Mathematics</i> , 2006 , 3, 187-205 | 0 | 54 |
| 193 | On the random 2-stage minimum spanning tree. <i>Random Structures and Algorithms</i> , 2006 , 28, 24-36 | 0.8 | 17 |
| 192 | The satisfiability threshold for randomly generated binary constraint satisfaction problems. <i>Random Structures and Algorithms</i> , 2006 , 28, 323-339 | 0.8 | 15 |

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|-----|---|-----|-----|
| 191 | Almost universal graphs. <i>Random Structures and Algorithms</i> , 2006 , 28, 499-510 | 0.8 | 5 |
| 190 | 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 |
| 189 | Hamilton cycles in random lifts of graphs. <i>European Journal of Combinatorics</i> , 2006 , 27, 1282-1293 | 0.7 | 5 |
| 188 | The Cover Time of Random Regular Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2005 , 18, 728-740 | 0.7 | 39 |
| 187 | The Strong Chromatic Index of Random Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2005 , 19, 719-727 | 0.7 | 6 |
| 186 | On packing Hamilton cycles in d -regular graphs. <i>Journal of Combinatorial Theory Series B</i> , 2005 , 94, 159-172 | 0.7 | 34 |
| 185 | Random k -Sat: A Tight Threshold For Moderately Growing k . <i>Combinatorica</i> , 2005 , 25, 297-305 | 0.9 | 32 |
| 184 | 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 |
| 183 | On the average case performance of some greedy approximation algorithms for the uncapacitated facility location problem 2005 , | | 3 |
| 182 | The Game of JumbleG. <i>Combinatorics Probability and Computing</i> , 2005 , 14, 783 | 0.6 | 8 |
| 181 | Fast monte-carlo algorithms for finding low-rank approximations. <i>Journal of the ACM</i> , 2004 , 51, 1025-1041 | | 250 |
| 180 | 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 |
| 179 | On the χ -Independence Number of Sparse Random Graphs. <i>Combinatorics Probability and Computing</i> , 2004 , 13, 295-309 | 0.6 | 5 |
| 178 | Random Deletion in a Scale-Free Random Graph Process. <i>Internet Mathematics</i> , 2004 , 1, 463-483 | 0 | 53 |
| 177 | Clustering Large Graphs via the Singular Value Decomposition. <i>Machine Learning</i> , 2004 , 56, 9-33 | 4 | 241 |
| 176 | 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 |
| 175 | Adding random edges to dense graphs. <i>Random Structures and Algorithms</i> , 2004 , 24, 105-117 | 0.8 | 29 |
| 174 | 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 |

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|-----|---|-----|-----|
| 173 | Efficient communication in an ad-hoc network. <i>Journal of Algorithms</i> , 2004 , 52, 1-7 | | 5 |
| 172 | On Random Symmetric Travelling Salesman Problems. <i>Mathematics of Operations Research</i> , 2004 , 29, 878-890 | 1.5 | 21 |
| 171 | The Diameter of Randomly Perturbed Digraphs and Some Applications. <i>Lecture Notes in Computer Science</i> , 2004 , 345-356 | 0.9 | 4 |
| 170 | Perfect Matchings in Random Graphs with Prescribed Minimal Degree 2004 , 95-132 | | 4 |
| 169 | A Geometric Preferential Attachment Model of Networks. <i>Lecture Notes in Computer Science</i> , 2004 , 44-55.9 | | 9 |
| 168 | A probabilistic analysis of randomly generated binary constraint satisfaction problems. <i>Theoretical Computer Science</i> , 2003 , 290, 1815-1828 | 1.1 | 15 |
| 167 | How many random edges make a dense graph hamiltonian?. <i>Random Structures and Algorithms</i> , 2003 , 22, 33-42 | 0.8 | 46 |
| 166 | A general model of web graphs. <i>Random Structures and Algorithms</i> , 2003 , 22, 311-335 | 0.8 | 181 |
| 165 | Randomly coloring graphs with lower bounds on girth and maximum degree. <i>Random Structures and Algorithms</i> , 2003 , 23, 167-179 | 0.8 | 20 |
| 164 | Arc-Disjoint Paths in Expander Digraphs. <i>SIAM Journal on Computing</i> , 2003 , 32, 326-344 | 1.1 | 1 |
| 163 | On Randomly Generated Intersecting Hypergraphs. <i>Electronic Journal of Combinatorics</i> , 2003 , 10, | 1.1 | 2 |
| 162 | High Degree Vertices and Eigenvalues in the Preferential Attachment Graph. <i>Lecture Notes in Computer Science</i> , 2003 , 264-274 | 0.9 | 4 |
| 161 | The Satisfiability Threshold for Randomly Generated Binary Constraint Satisfaction Problems. <i>Lecture Notes in Computer Science</i> , 2003 , 275-289 | 0.9 | 3 |
| 160 | On graph irregularity strength. <i>Journal of Graph Theory</i> , 2002 , 41, 120-137 | 0.8 | 72 |
| 159 | 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 |
| 158 | Addendum to "Avoiding a giant component" <i>Random Structures and Algorithms</i> , 2002 , 20, 126-130 | 0.8 | 3 |
| 157 | Hamilton cycles in random subgraphs of pseudo-random graphs. <i>Discrete Mathematics</i> , 2002 , 256, 137-150 | | 10 |
| 156 | Optimal sequencing by hybridization in rounds. <i>Journal of Computational Biology</i> , 2002 , 9, 355-69 | 1.7 | 10 |

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| 155 | Multi-Coloured Hamilton Cycles in Random Edge-Coloured Graphs. <i>Combinatorics Probability and Computing</i> , 2002 , 11, 129-133 | 0.6 | 13 |
| 154 | Random Regular Graphs of Non-Constant Degree: Independence and Chromatic Number. <i>Combinatorics Probability and Computing</i> , 2002 , 11, 323-341 | 0.6 | 13 |
| 153 | Random Regular Graphs of Non-Constant Degree: Connectivity and Hamiltonicity. <i>Combinatorics Probability and Computing</i> , 2002 , 11, 249-261 | 0.6 | 20 |
| 152 | On Counting Independent Sets in Sparse Graphs. <i>SIAM Journal on Computing</i> , 2002 , 31, 1527-1541 | 1.1 | 63 |
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