Thomas Bohman

List of Publications by Year
in descending order

56 papers	963 citations	567281 15 h-index	477307 29 g-index
56 all docs	56 docs citations	56 times ranked	397 citing authors

#	Article	IF	Citations
1	Independent sets in hypergraphs omitting an intersection. Random Structures and Algorithms, 2022, 61, 493-519.	1.1	1
2	Coprime mappings and lonely runners. Mathematika, 2022, 68, 784-804.	0.5	1
3	Dynamic concentration of the triangleâ€free process. Random Structures and Algorithms, 2021, 58, 221-293.	1.1	11
4	A natural barrier in random greedy hypergraph matching. Combinatorics Probability and Computing, 2019, 28, 816-825.	1.3	2
5	Large girth approximate Steiner triple systems. Journal of the London Mathematical Society, 2019, 100, 895-913.	1.0	17
6	A greedy algorithm for finding a large 2â€matching on a random cubic graph. Journal of Graph Theory, 2018, 88, 449-481.	0.9	0
7	More on the Bipartite Decomposition of Random Graphs. Journal of Graph Theory, 2017, 84, 45-52.	0.9	7
8	A note on the random greedy independent set algorithm. Random Structures and Algorithms, 2016, 49, 479-502.	1.1	11
9	The independent neighborhoods process. Israel Journal of Mathematics, 2016, 214, 333-357.	0.8	3
10	Random triangle removal. Advances in Mathematics, 2015, 280, 379-438.	1.1	23
11	Dynamic concentration of the triangle-free process. , 2013, , 489-495.		17
12	TurÃ¡n Densities of Some Hypergraphs Related to K_{k+1}^{k}. SIAM Journal on Discrete Mathematics, 2012, 26, 1609-1617.	0.8	0
13	SIR epidemics on random graphs with a fixed degree sequence. Random Structures and Algorithms, 2012, 41, 179-214.	1.1	22
14	Ramsey games with giants. Random Structures and Algorithms, 2011, 38, 1-32.	1.1	13
15	Karpâ€“Sipser on Random Graphs with a Fixed Degree Sequence. Combinatorics Probability and Computing, 2011, 20, 721-741.	1.3	15
16	The early evolution of the H-free process. Inventiones Mathematicae, 2010, 181, 291-336.	2.5	104
17	Hypergraphs with independent neighborhoods. Combinatorica, 2010, 30, 277-293.	1.2	7
18	Anti-Ramsey properties of random graphs. Journal of Combinatorial Theory Series B, 2010, 100, 299-312.	1.0	8

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19	Coloring Hâ€free hypergraphs. Random Structures and Algorithms, 2010, 36, 11-25.	1.1	16
20	Flips in Graphs. SIAM Journal on Discrete Mathematics, 2010, 24, 1046-1055.	0.8	1
21	The saturation function of complete partite graphs. Electronic Journal of Combinatorics, 2010, 1, 149-170.	0.1	9
22	ErdÅ‘sâ€“Koâ€“Rado in Random Hypergraphs. Combinatorics Probability and Computing, 2009, 18, 629-646.	1.3	24
23	Hamilton cycles in 3â€out. Random Structures and Algorithms, 2009, 35, 393-417.	1.1	21
24	The triangle-free process. Advances in Mathematics, 2009, 221, 1653-1677.	1.1	93
25	Emergence of Connectivity in Networks. Science, 2009, 323, 1438-1439.	12.6	20
26	Memoryless Rules for Achlioptas Processes. SIAM Journal on Discrete Mathematics, 2009, 23, 993-1008.	0.8	4
27	The game chromatic number of random graphs. Random Structures and Algorithms, 2008, 32, 223-235.	1.1	14
28	Game chromatic index of graphs with given restrictions on degrees. Theoretical Computer Science, 2008, 407, 242-249.	0.9	2
29	First-Order Definability of Trees and Sparse Random Graphs. Combinatorics Probability and Computing, 2007, 16, 375.	1.3	2
30	Product rule wins a competitive game. Proceedings of the American Mathematical Society, 2007, 135, 3061-3071.	0.8	13
31	Randomly generated intersecting hypergraphs II. Random Structures and Algorithms, 2007, 30, 17-34.	1.1	3
32	A phase transition for avoiding a giant component. Random Structures and Algorithms, 2006, 28, 195-214.	1.1	14
33	Creating a Giant Component. Combinatorics Probability and Computing, 2006, 15, 489.	1.3	42
34	A limit theorem for the Shannon capacities of odd cycles. II. Proceedings of the American Mathematical Society, 2005, 133, 537-543.	0.8	9
35	Linear Versus Hereditary Discrepancy*. Combinatorica, 2004, 25, 39-47.	1.2	3
36	Adding random edges to dense graphs. Random Structures and Algorithms, 2004, 24, 105-117.	1.1	38

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37	Avoidance of a giant component in half the edge set of a random graph. Random Structures and Algorithms, 2004, 25, 432-449.	1.1	56
38	On the irregularity strength of trees. Journal of Graph Theory, 2004, 45, 241-254.	0.9	58
39	A nontrivial lower bound on the shannon capacities of the complements of odd cycles. IEEE Transactions on Information Theory, 2003, 49, 721-722.	2.4	14
40	A note on G-intersecting families. Discrete Mathematics, 2003, 260, 183-188.	0.7	2
41	How many random edges make a dense graph hamiltonian?. Random Structures and Algorithms, 2003, 22, 33-42.	1.1	70
42	Arc-Disjoint Paths in Expander Digraphs. SIAM Journal on Computing, 2003, 32, 326-344.	1.0	1
43	A limit theorem for the Shannon capacities of odd cycles I. Proceedings of the American Mathematical Society, 2003, 131, 3559-3569.	0.8	16
44	On Randomly Generated Intersecting Hypergraphs. Electronic Journal of Combinatorics, 2003, 10, .	0.4	4
45	On a list coloring conjecture of Reed. Journal of Graph Theory, 2002, 41, 106-109.	0.9	13
46	Addendum to ?avoiding a giant component?. Random Structures and Algorithms, 2002, 20, 126-130.	1.1	4
47	On partitions of discrete boxes. Discrete Mathematics, 2002, 257, 255-258.	0.7	12
48	Arc-disjoint paths in expander digraphs. , 2001, , .		2
49	G-Intersecting Families. Combinatorics Probability and Computing, 2001, 10, 367-384.	1.3	5
50	Vertex Covers by Edge Disjoint Cliques. Combinatorica, 2001, 21, 171-197.	1.2	1
51	Avoiding a giant component. Random Structures and Algorithms, 2001, 19, 75-85.	1.1	76
52	Random threshold growth dynamics. Random Structures and Algorithms, 1999, 15, 93-111.	1.1	8
53	Random threshold growth dynamics. Random Structures and Algorithms, 1999, 15, 93-111.	1.1	1
54	Discrete threshold growth dynamics are omnivorous for box neighborhoods. Transactions of the American Mathematical Society, 1999, 351, 947-983.	0.9	7

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55	A sum packing problem of ErdÃ¶s and the Conway-Guy sequence. Proceedings of the American Mathematical Society, 1996, 124, 3627-3636.	0.8	22
56	Shannon capacity of large odd cycles. , 0, , .		1