

Tom Hutchcroft

List of Publications by Year in descending order

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37
papers

301
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840776

11
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996975

15
g-index

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all docs

38
docs citations

38
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Collisions of random walks in dynamic random environments. <i>Electronic Journal of Probability</i> , 2022, 27, .	1.0	1
2	What are the limits of universality?. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2022, 478, .	2.1	3
3	Transience and recurrence of sets for branching random walk via non-standard stochastic orders. <i>Annales De L'institut Henri Poincare (B) Probability and Statistics</i> , 2022, 58, .	1.1	1
4	No Percolation at Criticality on Certain Groups of Intermediate Growth. <i>International Mathematics Research Notices</i> , 2021, 2021, 17433-17455.	1.0	4
5	On the tail of the branching random walk local time. <i>Probability Theory and Related Fields</i> , 2021, 180, 467-494.	1.8	1
6	Supercritical percolation on nonamenable graphs: isoperimetry, analyticity, and exponential decay of the cluster size distribution. <i>Inventiones Mathematicae</i> , 2021, 224, 445-486.	2.5	15
7	Power-law bounds for critical long-range percolation below the upper-critical dimension. <i>Probability Theory and Related Fields</i> , 2021, 181, 533-570.	1.8	9
8	Large, lengthy graphs look locally like lines. <i>Bulletin of the London Mathematical Society</i> , 2021, 53, 482-492.	0.8	0
9	Universality of high-dimensional spanning forests and sandpiles. <i>Probability Theory and Related Fields</i> , 2020, 176, 533-597.	1.8	12
10	Anomalous diffusion of random walk on random planar maps. <i>Probability Theory and Related Fields</i> , 2020, 178, 567-611.	1.8	12
11	Nonuniqueness and mean-field criticality for percolation on nonunimodular transitive graphs. <i>Journal of the American Mathematical Society</i> , 2020, 33, 1101-1165.	3.9	10
12	Kazhdan groups have cost 1. <i>Inventiones Mathematicae</i> , 2020, 221, 873-891.	2.5	2
13	Non-intersection of transient branching random walks. <i>Probability Theory and Related Fields</i> , 2020, 178, 1-23.	1.8	5
14	Locality of the critical probability for transitive graphs of exponential growth. <i>Annals of Probability</i> , 2020, 48, .	1.8	13
15	The L^2 boundedness condition in nonamenable percolation. <i>Electronic Journal of Probability</i> , 2020, 25, .	1.0	4
16	New critical exponent inequalities for percolation and the random cluster model. <i>Probability and Mathematical Physics</i> , 2020, 1, 147-165.	1.5	17
17	Indistinguishability of collections of trees in the uniform spanning forest. <i>Annales De L'institut Henri Poincare (B) Probability and Statistics</i> , 2020, 56, .	1.1	0
18	Geometric and spectral properties of causal maps. <i>Journal of the European Mathematical Society</i> , 2020, 22, 3997-4024.	1.4	6

#	ARTICLE	IF	CITATIONS
19	Mallows permutations and finite dependence. <i>Annals of Probability</i> , 2020, 48, .	1.8	8
20	The component graph of the uniform spanning forest: transitions in dimensions $9, 10, 11, \dots$. <i>Probability Theory and Related Fields</i> , 2019, 175, 141-208.	1.8	6
21	Percolation on Hyperbolic Graphs. <i>Geometric and Functional Analysis</i> , 2019, 29, 766-810.	1.8	18
22	UNIFORM SPANNING FORESTS OF PLANAR GRAPHS. <i>Forum of Mathematics, Sigma</i> , 2019, 7, .	0.7	5
23	Harmonic Dirichlet Functions on Planar Graphs. <i>Discrete and Computational Geometry</i> , 2019, 61, 479-506.	0.6	3
24	Statistical physics on a product of trees. <i>Annales De L'institut Henri Poincare (B) Probability and Statistics</i> , 2019, 55, .	1.1	6
25	Self-avoiding walk on nonunimodular transitive graphs. <i>Annals of Probability</i> , 2019, 47, .	1.8	8
26	Interlacements and the wired uniform spanning forest. <i>Annals of Probability</i> , 2018, 46, .	1.8	16
27	Coalescing random walk on unimodular graphs. <i>Electronic Communications in Probability</i> , 2018, 23, .	0.4	3
28	Finitely dependent cycle coloring. <i>Electronic Communications in Probability</i> , 2018, 23, .	0.4	3
29	Hyperbolic and Parabolic Unimodular Random Maps. <i>Geometric and Functional Analysis</i> , 2018, 28, 879-942.	1.8	26
30	The Hammersley-Welsh bound for self-avoiding walk revisited. <i>Electronic Communications in Probability</i> , 2018, 23, .	0.4	4
31	Indistinguishability of trees in uniform spanning forests. <i>Probability Theory and Related Fields</i> , 2017, 168, 113-152.	1.8	13
32	Boundaries of planar graphs: a unified approach. <i>Electronic Journal of Probability</i> , 2017, 22, .	1.0	6
33	Critical percolation on any quasi-transitive graph of exponential growth has no infinite clusters. <i>Comptes Rendus Mathematique</i> , 2016, 354, 944-947.	0.3	16
34	Unimodular hyperbolic triangulations: circle packing and random walk. <i>Inventiones Mathematicae</i> , 2016, 206, 229-268.	2.5	22
35	Wired cycle-breaking dynamics for uniform spanning forests. <i>Annals of Probability</i> , 2016, 44, .	1.8	9
36	Collisions of random walks in reversible random graphs. <i>Electronic Communications in Probability</i> , 2015, 20, .	0.4	9

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37	Mallows permutations as stable matchings. Canadian Journal of Mathematics, 0, , 1-25.	0.6	2