Christopher Hoffman

List of Publications by Year
in descending order

31 papers	441 citations	840776 11 h-index	752698 20 g-index
31 all docs	31 docs citations	31 times ranked	142 citing authors

#	ARTICLE	IF	CITATIONS
1	Nonexistence of Bigeodesics in Planar Exponential Last Passage Percolation. Communications in Mathematical Physics, 2022, 389, 1-30.	2.2	10
2	Spectral Gaps of Random Graphs and Applications. International Mathematics Research Notices, 2021, 2021, 8353-8404.	1.0	22
3	Geodesic Rays and Exponents in Ergodic Planar First Passage Percolation. Progress in Probability, 2021, , 163-186.	0.3	2
4	COVER TIME FOR THE FROG MODEL ON TREES. Forum of Mathematics, Sigma, 2019, 7, .	0.7	6
5	Non-uniqueness for specifications in. Ergodic Theory and Dynamical Systems, 2018, 38, 1342-1352.	0.6	5
6	Fixed points of 321-avoiding permutations. Proceedings of the American Mathematical Society, 2018, 147, 861-872.	0.8	5
7	Non-fixation for Conservative Stochastic Dynamics on the Line. Communications in Mathematical Physics, 2018, 358, 1151-1185.	2.2	10
8	The Threshold for Integer Homology in Random d-Complexes. Discrete and Computational Geometry, 2017, 57, 810-823.	0.6	17
9	Pattern‑avoiding permutations and Brownian excursion part I: Shapes and fluctuations. Random Structures and Algorithms, 2017, 50, 394-419.	1.1	19
10	Pattern-avoiding permutations and Brownian excursion, part II: fixed points. Probability Theory and Related Fields, 2017, 169, 377-424.	1.8	14
11	Isomorphism TheoryIsomorphism theory in Ergodic TheoryErgodic theory. , 2012, , 783-795.		1
12	The fundamental group of random 2-complexes. Journal of the American Mathematical Society, 2011, 24, 1-28.	3.9	55
13	Subshifts of finite type which have completely positive entropy. Discrete and Continuous Dynamical Systems, 2011, 29, 1497-1516.	0.9	1
14	Tail Bounds for the Stable Marriage of Poisson and Lebesgue. Canadian Journal of Mathematics, 2009, 61, 1279-1299.	0.6	16
15	Exponential Clogging Time for a One Dimensional DLA. Journal of Statistical Physics, 2008, 131, 1185-1188.	1.2	1
16	Geodesics in first passage percolation. Annals of Applied Probability, 2008, 18, .	1.3	48
17	A stable marriage of Poisson and Lebesgue. Annals of Probability, 2006, 34, 1241.	1.8	50
18	Coexistence for Richardson type competing spatial growth models. Annals of Applied Probability, 2005, 15, 739.	1.3	50

#	Article	IF	Citations
19	Phase Transition in Dependent Percolation. Communications in Mathematical Physics, 2005, 254, 1-22.	2.2	8
20	An endomorphism whose square is Bernoulli. Ergodic Theory and Dynamical Systems, 2004, 24, 477-494.	0.6	4
21	A family of nonisomorphic Markov random fields. Israel Journal of Mathematics, 2004, 142, 345-366.	0.8	1
22	The scenery factor of the ${[T,T^{-1}]}$ transformation is not loosely Bernoulli. Proceedings of the American Mathematical Society, 2003, 131, 3731-3735.	0.8	8
23	A dyadic endomorphism which is Bernoulli but not standard. Israel Journal of Mathematics, 2002, 130, 365-379.	0.8	10
24	Energy of Flows on Percolation Clusters. Potential Analysis, 2001, 14, 375-385.	0.9	8
25	Energy of flows onZ2 percolation clusters. Random Structures and Algorithms, 2000, 16, 143-155.	1.1	4
26	Entropy and Dyadic Equivalence of Random Walks on a Random Scenery. Advances in Mathematics, 2000, 156, 157-179.	1.1	18
27	A loosely Bernoulli counterexample machine. Israel Journal of Mathematics, 1999, 112, 237-247.	0.8	4
28	A markov random field which isK but not Bernoulli. Israel Journal of Mathematics, 1999, 112, 249-269.	0.8	11
29	A K counterexample machine. Transactions of the American Mathematical Society, 1999, 351, 4263-4280.	0.9	10
30	The behavior of Bernoulli shifts relative to their factors. Ergodic Theory and Dynamical Systems, 1999, 19, 1255-1280.	0.6	5
31	${i T},{i T}^{f -1}$ is not standard. Ergodic Theory and Dynamical Systems, 1998, 18, 875-878.	0.6	18