Yuval Peres

List of Publications by Year
in descending order

34 papers	1,996 citations	361413 20 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	715 citing authors

#	Article	IF	Citations
1	Optimal Control for Diffusions on Graphs. SIAM Journal on Discrete Mathematics, 2018, 32, 2941-2972.	0.8	0
2	Scaling limits for internal aggregation models with multiple sources. Journal D'Analyse Mathematique, 2010, 111, 151-219.	0.8	54
3	Resonance between Cantor sets. Ergodic Theory and Dynamical Systems, 2009, 29, 201-221.	0.6	65
4	Tug-of-war with noise: A game-theoretic view of the p-Laplacian. Duke Mathematical Journal, 2008, 145, .	1.5	156
5	A central limit theorem for biased random walks on Galtonâ€"Watson trees. Probability Theory and Related Fields, 2007, 140, 595-629.	1.8	33
6	ABSOLUTE CONTINUITY FOR RANDOM ITERATED FUNCTION SYSTEMS WITH OVERLAPS. Journal of the London Mathematical Society, 2006, 74, 739-756.	1.0	17
7	Bootstrap Percolation on Infinite Trees and Non-Amenable Groups. Combinatorics Probability and Computing, 2006, 15, 715.	1.3	69
8	Markov chains in smooth Banach spaces and Gromov-hyperbolic metric spaces. Duke Mathematical Journal, 2006, 134, 165.	1.5	69
9	Rigorous location of phase transitions in hard optimization problems. Nature, 2005, 435, 759-764.	27.8	227
10	Evolving sets, mixing and heat kernel bounds. Probability Theory and Related Fields, 2005, 133, 245-266.	1.8	80
11	The rotor-router shape is spherical. Mathematical Intelligencer, 2005, 27, 9-11.	0.2	19
12	Anchored expansion, percolation and speed. Annals of Probability, 2004, 32, 2978.	1.8	20
13	The threshold for random k-SAT is $2^klog 2-O(k)$. Journal of the American Mathematical Society, 2004, 17, 947-973.	3.9	141
14	Identifying several biased coins encountered by a hidden random walk. Random Structures and Algorithms, 2004, 25, 91-114.	1.1	6
15	The speed of biased random walk on percolation clusters. Probability Theory and Related Fields, 2003, 126, 221-242.	1.8	73
16	Fractals with Positive Length and Zero Buffon Needle Probability. American Mathematical Monthly, 2003, 110, 314-325.	0.3	6
17	Bernoulli convolutions and an intermediate value theorem for entropies ofK-partitions. Journal D'Analyse Mathematique, 2002, 87, 337-367.	0.8	5
18	Approximation by Polynomials with Coefficients Â±1. Journal of Number Theory, 2000, 84, 185-198.	0.4	15

#	Article	IF	Citations
19	Self-similar sets of zero Hausdorff measure and positive packing measure. Israel Journal of Mathematics, 2000, 117, 353-379.	0.8	31
20	Nonamenable products are not treeable. Israel Journal of Mathematics, 2000, 118, 147-155.	0.8	11
21	Smoothness of projections, Bernoulli convolutions, and the dimension of exceptions. Duke Mathematical Journal, 2000, 102, .	1.5	129
22	Sixty Years of Bernoulli Convolutions. , 2000, , 39-65.		153
23	Monotonicity of uniqueness for percolation on Cayley graphs: all infinite clusters are born simultaneously. Probability Theory and Related Fields, 1999, 113, 273-285.	1.8	52
24	Bi-invariant sets and measures have integer Hausdorff dimension. Ergodic Theory and Dynamical Systems, 1999, 19, 523-534.	0.6	8
25	Invariant measures of full dimension for some expanding maps. Ergodic Theory and Dynamical Systems, 1997, 17, 147-167.	0.6	64
26	Unsolved Problems Concerning Random Walks on Trees. The IMA Volumes in Mathematics and Its Applications, 1997, , 223-237.	0.5	29
27	Random walks in varying dimensions. Journal of Theoretical Probability, 1996, 9, 231-244.	0.8	5
28	Points of increase for random walks. Israel Journal of Mathematics, 1996, 95, 341-347.	0.8	6
29	Biased random walks on Galton-Watson trees. Probability Theory and Related Fields, 1996, 106, 249-264.	1.8	82
30	Tail estimates for one-dimensional random walk in random environment. Communications in Mathematical Physics, 1996, 181, 667-683.	2.2	60
31	Intersection-equivalence of Brownian paths and certain branching processes. Communications in Mathematical Physics, 1996, 177, 417-434.	2.2	62
32	Absolute Continuity of Bernoulli Convolutions, A Simple Proof. Mathematical Research Letters, 1996, 3, 231-239.	0.5	130
33	Fractional products of sets. Random Structures and Algorithms, 1995, 6, 113-119.	1.1	5
34	Ergodic theory on Galton–Watson trees: speed of random walk and dimension of harmonic measure. Ergodic Theory and Dynamical Systems, 1995, 15, 593-619.	0.6	114