

David Croydon

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Local Limit Theorems for Sequences of Simple Random Walks on Graphs. <i>Potential Analysis</i> , 2008, 29, 351-389.	0.9	30
2	Scaling limits of stochastic processes associated with resistance forms. <i>Annales De L'institut Henri Poincare (B) Probability and Statistics</i> , 2018, 54, .	1.1	20
3	Subsequential scaling limits of simple random walk on the two-dimensional uniform spanning tree. <i>Annals of Probability</i> , 2017, 45, .	1.8	19
4	Self-similarity and spectral asymptotics for the continuum random tree. <i>Stochastic Processes and Their Applications</i> , 2008, 118, 730-754.	0.9	16
5	Heat kernel fluctuations for a resistance form with non-uniform volume growth. <i>Proceedings of the London Mathematical Society</i> , 2007, 94, 672-694.	1.3	14
6	Biased random walk on critical Galton-Watson trees conditioned to survive. <i>Probability Theory and Related Fields</i> , 2013, 157, 453-507.	1.8	13
7	Scaling limits for simple random walks on random ordered graph trees. <i>Advances in Applied Probability</i> , 2010, 42, 528-558.	0.7	12
8	Generalized Hydrodynamic Limit for the Box-Ball System. <i>Communications in Mathematical Physics</i> , 2021, 383, 427-463.	2.2	10
9	Functional limit theorems for the Bouchaud trap model with slowly varying traps. <i>Stochastic Processes and Their Applications</i> , 2015, 125, 1980-2009.	0.9	7
10	Moduli of continuity of local times of random walks on graphs in terms of the resistance metric. <i>Transactions of the London Mathematical Society</i> , 2015, 2, 57-79.	0.7	7
11	Scaling limits of the three-dimensional uniform spanning tree and associated random walk. <i>Annals of Probability</i> , 2021, 49, .	1.8	6
12	Quenched and averaged tails of the heat kernel of the two-dimensional uniform spanning tree. <i>Probability Theory and Related Fields</i> , 2021, 181, 57-111.	1.8	4
13	The Hausdorff dimension of a class of random self-similar fractal trees. <i>Advances in Applied Probability</i> , 2007, 39, 708-730.	0.7	1
14	Biased Random Walk on the Trace of Biased Random Walk on the Trace of $\hat{\alpha}$. <i>Communications in Mathematical Physics</i> , 2020, 375, 1341-1372.	2.2	1
15	On the Stationary Solutions of Random Polymer Models and Their Zero-Temperature Limits. <i>Journal of Statistical Physics</i> , 2022, 188, .	1.2	1