Mark Holmes

List of Publications by Year
in descending order

24 papers	154 citations	1307594 7 h-index	1281871 11 g-index
25 all docs	25 docs citations	25 times ranked	35 citing authors

#	Article	IF	Citations
1	Monotonicity for excited random walk in high dimensions. Probability Theory and Related Fields, 2010, 147, 333-348.	1.8	17
2	Convergence of Lattice Trees to Super-Brownian Motion above the Critical Dimension. Electronic Journal of Probability, 2008, 13, .	1.0	15
3	Weak convergence of measure-valued processes and r-point functions. Annals of Probability, 2007, 35, .	1.8	12
4	Senile reinforced random walks. Stochastic Processes and Their Applications, 2007, 117, 1519-1539.	0.9	10
5	Random Walks in Degenerate Random Environments. Canadian Journal of Mathematics, 2014, 66, 1050-1077.	0.6	10
6	Excited against the tide: A random walk with competing drifts. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2012, 48, .	1.1	9
7	Monotonicity properties of user equilibrium policies for parallel batch systems. Queueing Systems, 2012, 70, 81-103.	0.9	9
8	Degenerate random environments. Random Structures and Algorithms, 2014, 45, 111-137.	1.1	8
9	A monotonicity property for random walk in a partially random environment. Stochastic Processes and Their Applications, 2012, 122, 1369-1396.	0.9	7
10	An extension of the inductive approach to the lace expansion. Electronic Communications in Probability, 2008, 13, .	0.4	7
11	Proof of the WARM whisker conjecture for neuronal connections. Chaos, 2017, 27, 043104.	2.5	6
12	The survival probability and r-point functions in high dimensions. Annals of Mathematics, 2013, 178, 665-685.	4.2	6
13	High-Dimensional Graphical Networks of Self-Avoiding Walks. Canadian Journal of Mathematics, 2004, 56, 77-114.	0.6	5
14	Backbone scaling for critical lattice trees in high dimensions. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 314001.	2.1	5
15	A criterion for convergence to super-Brownian motion on path space. Annals of Probability, 2017, 45, .	1.8	5
16	The Continuous‐Time Lace Expansion. Communications on Pure and Applied Mathematics, 2021, 74, 2251-2309.	3.1	5
17	Forward Clusters for Degenerate Random Environments. Combinatorics Probability and Computing, 2016, 25, 744-765.	1.3	4
18	On the range of lattice models in high dimensions. Probability Theory and Related Fields, 2020, 176, 941-1009.	1.8	3

#	Article	IF	Citations
19	Open-end nonparametric sequential change-point detection based on the retrospective CUSUM statistic. Electronic Journal of Statistics, 2021, 15, .	0.7	3
20	The Voter Model Chordal Interface in Two Dimensions. Journal of Statistical Physics, 2015, 159, 937-957.	1.2	2
21	A shape theorem for the orthant model. Annals of Probability, 2021, 49, .	1.8	2
22	Biased Random Walk on the Trace of Biased Random Walk on the Trace of â€¦. Communications in Mathematical Physics, 2020, 375, 1341-1372.	2.2	1
23	Alignment Percolation. Mathematical Physics Analysis and Geometry, 2021, 24, 1.	1.0	1
24	Coexistence of lazy frogs on. Journal of Applied Probability, 0, , 1-12.	0.7	0