Zhi-Qiang Gao

List of Publications by Year
in descending order

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22	92	1684188 5	1474206 9
papers	citations	h-index	g-index

22	22	22	12
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exact convergence rates in central limit theorems for a branching random walk with a random environment in time. Stochastic Processes and Their Applications, 2016, 126, 2634-2664.	0.9	22
2	Central limit theorems for a branching random walk with a random environment in time. Acta Mathematica Scientia, 2014, 34, 501-512.	1.0	21
3	Central limit theorems for a supercritical branching process in a random environment. Statistics and Probability Letters, 2011, 81, 539-547.	0.7	11
4	Second and third orders asymptotic expansions for the distribution of particles in a branching random walk with a random environment in time. Bernoulli, 2018, 24, .	1.3	11
5	Exact convergence rate of the local limit theorem for branching random walks on the integer lattice. Stochastic Processes and Their Applications, 2017, 127, 1282-1296.	0.9	8
6	First- and second-order expansions in the central limit theorem for a branching random walk. Comptes Rendus Mathematique, 2016, 354, 532-537.	0.3	4
7	The generalized Bernstein problem on weighted Lacunary polynomial approximation. Journal of Approximation Theory, 2005, 136, 108-114.	0.8	3
8	On Completeness and Minimality of Random Exponential System in a Weighted Banach Space of Functions Continuous on the Real Line*. Chinese Annals of Mathematics Series B, 2006, 27, 303-310.	0.4	2
9	Criteria of Wiener Type for Minimally Thin Sets and Rarefied Sets Associated with the Stationary SchrÃ¶dinger Operator in a Cone. Abstract and Applied Analysis, 2012, 2012, 1-29.	0.7	2
10	Stable laws and spectral gap properties for affine random walks. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2015, 51, .	1.1	2
11	Exact convergence rate in the local central limit theorem for a lattice branching random walk on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e19" altimg="si3.gif"><mml:msup><mml:mrow><mml:mi mathvariant="double-struck">Z</mml:mi></mml:mrow><mml:mrow><mml:mi>d</mml:mi></mml:mrow></mml:msup></mml:math>. Statistics and Probability Letters, 2019, 151, 58-66.	0.7	2
12	MÃ¼ntz-type theorem on the segments emerging from the origin. Journal of Approximation Theory, 2008, 151, 181-185.	0.8	1
13	Asymptotic properties of supercritical branching processes in random environments. Frontiers of Mathematics in China, 2014, 9, 737-751.	0.7	1
14	A note on exact convergence rate in the local limit theorem for a lattice branching random walk. Acta Mathematica Scientia, 2018, 38, 1259-1268.	1.0	1
15	Asymptotic expansions in the central limit theorem for a branching Wiener process. Science China Mathematics, 0, , 1.	1.7	1
16	On weighted approximation by lacunary polynomials on the rays emerging from the origin. Studia Scientiarum Mathematicarum Hungarica, 2008, 45, 197-205.	0.1	0
17	Tail estimates for one-dimensional non nearest-neighbor random walk in random environment. Science China Mathematics, 2010, 53, 475-484.	1.7	0
18	Relations de rÃ©currence Ã coefficients alÃ©atoires et lois stables. Comptes Rendus Mathematique, 2013, 351, 69-72.	0.3	0

#	Article	IF	Citations
19	A second order asymptotic expansion in the local limit theorem for a simple branching random walk in Zd. Stochastic Processes and Their Applications, 2018, 128, 4000-4017.	0.9	0
20	Exact convergence rate of the local limit theorem for a branching random walk in a time-dependent random environment on d-dimensional integer lattice. Communications in Statistics - Theory and Methods, 0, , 1-24.	1.0	0
21	Exact Convergence Rates for Particle Distributions in a Non-Lattice Branching Random Walk. Bulletin of the Malaysian Mathematical Sciences Society, 2021, 44, 3949.	0.9	0
22	Exact convergence rate in the central limit theorem for a branching process in a random environment. Statistics and Probability Letters, 2021, 178, 109194.	0.7	0