

Zhi-Qiang Gao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Exact convergence rate in the local central limit theorem for a lattice branching random walk on \mathbb{Z}^d . Statistics and Probability Letters, 2019, 151, 58-66.	0.7	2
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	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
6	A second order asymptotic expansion in the local limit theorem for a simple branching random walk in \mathbb{Z}^d . Stochastic Processes and Their Applications, 2018, 128, 4000-4017.	0.9	0
7	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
8	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
9	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
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	Central limit theorems for a branching random walk with a random environment in time. Acta Mathematica Scientia, 2014, 34, 501-512.	1.0	21
12	Asymptotic properties of supercritical branching processes in random environments. Frontiers of Mathematics in China, 2014, 9, 737-751.	0.7	1
13	Relations de récurrence des coefficients atomiques et lois stables. Comptes Rendus Mathematique, 2013, 351, 69-72.	0.3	0
14	Criteria of Wiener Type for Minimally Thin Sets and Rarefied Sets Associated with the Stationary Schrödinger Operator in a Cone. Abstract and Applied Analysis, 2012, 2012, 1-29.	0.7	2
15	Central limit theorems for a supercritical branching process in a random environment. Statistics and Probability Letters, 2011, 81, 539-547.	0.7	11
16	Tail estimates for one-dimensional non nearest-neighbor random walk in random environment. Science China Mathematics, 2010, 53, 475-484.	1.7	0
17	Müntz-type theorem on the segments emerging from the origin. Journal of Approximation Theory, 2008, 151, 181-185.	0.8	1
18	On weighted approximation by lacunary polynomials on the rays emerging from the origin. Studia Scientiarum Mathematicarum Hungarica, 2008, 45, 197-205.	0.1	0

#	ARTICLE	IF	CITATIONS
19	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
20	The generalized Bernstein problem on weighted Lacunary polynomial approximation. Journal of Approximation Theory, 2005, 136, 108-114.	0.8	3
21	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
22	Asymptotic expansions in the central limit theorem for a branching Wiener process. Science China Mathematics, 0, , 1.	1.7	1