

Jicheng Liu

List of Publications by Year in descending order

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26
papers

275
citations

1040056

9
h-index

940533

16
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26
all docs

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docs citations

26
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong convergence in averaging principle for stochastic hyperbolic-parabolic equations with two time-scales. <i>Stochastic Processes and Their Applications</i> , 2015, 125, 3255-3279.	0.9	52
2	Strong convergence in stochastic averaging principle for two time-scales stochastic partial differential equations. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 384, 70-86.	1.0	39
3	Weak order in averaging principle for stochastic wave equation with a fast oscillation. <i>Stochastic Processes and Their Applications</i> , 2018, 128, 2557-2580.	0.9	25
4	Strong convergence rate in averaging principle for stochastic FitzHugh-Nagumo system with two time-scales. <i>Journal of Mathematical Analysis and Applications</i> , 2014, 416, 609-628.	1.0	22
5	Impact of customers' impatience on an M/M/1 queueing system subject to differentiated vacations with a waiting server. <i>Quality Technology and Quantitative Management</i> , 2020, 17, 125-148.	1.9	19
6	Synchronization of systems of Marcus canonical equations driven by α -stable noises. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 3437-3445.	1.7	16
7	Convergence rate of synchronization of systems with additive noise. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2017, 22, 227-245.	0.9	14
8	An Averaging Principle for Multivalued Stochastic Differential Equations. <i>Stochastic Analysis and Applications</i> , 2014, 32, 962-974.	1.5	12
9	Strong Averaging Principle for Two-Time-Scale Stochastic McKean-Vlasov Equations. <i>Applied Mathematics and Optimization</i> , 2021, 84, 837-867.	1.6	12
10	Transient Analysis of an M/M/1 Queueing System Subjected to Multiple Differentiated Vacations, Impatient Customers and a Waiting Server with Application to IEEE 802.16E Power Saving Mechanism. <i>Indian Journal of Pure and Applied Mathematics</i> , 2020, 51, 297-320.	0.5	10
11	Uniform almost sure convergence and asymptotic distribution of the wavelet-based estimators of partial derivatives of multivariate density function under weak dependence. <i>Journal of Nonparametric Statistics</i> , 2021, 33, 170-196.	0.9	9
12	Strong averaging principle for two-time-scale non-autonomous stochastic FitzHugh-Nagumo system with jumps. <i>Journal of Mathematical Physics</i> , 2016, 57, .	1.1	7
13	Multivariate wavelet estimators for weakly dependent processes: strong consistency rate. <i>Communications in Statistics - Theory and Methods</i> , 2023, 52, 8317-8350.	1.0	6
14	Synchronization of Dissipative Dynamical Systems Driven by Non-Gaussian Lévy Noises. <i>International Journal of Stochastic Analysis</i> , 2010, 2010, 1-13.	0.3	5
15	Weak order in averaging principle for stochastic differential equations with jumps. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	5
16	The synchronization of stochastic differential equations with linear noise. <i>Stochastics and Dynamics</i> , 2018, 18, 1850049.	1.2	4
17	Transient Analysis of an M/M/1 Queue with Reneging, Catastrophes, Server Failures and Repairs. <i>Bulletin of the Iranian Mathematical Society</i> , 2018, 44, 585-603.	1.0	4
18	A note on strong convergence rate in averaging principle for stochastic FitzHugh-Nagumo system with two time-scales. <i>Stochastic Analysis and Applications</i> , 2016, 34, 178-181.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Stochastic averaging principle for two-time-scale jump-diffusion SDEs under the non-Lipschitz coefficients. <i>Stochastics</i> , 2021, 93, 715-741.	1.1	3
20	Normal deviation of synchronization of stochastic coupled systems. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2022, 27, 1029.	0.9	2
21	Convergence Rate of Synchronization of Coupled Stochastic Lattice Systems with Additive Fractional Noise. <i>Journal of Dynamics and Differential Equations</i> , 0, , 1.	1.9	2
22	Hyperbolic Type Stochastic Evolution Equations with Lévy Noise. <i>Acta Applicandae Mathematicae</i> , 2013, 125, 193-208.	1.0	1
23	Quasi-sure functional limit theorem for increments of a fractional Brownian sheet in Hölder norm. <i>Communications in Statistics - Theory and Methods</i> , 2016, 45, 1564-1574.	1.0	1
24	Convergence of Picard's successive approximations to solutions of stochastic differential equations. <i>Statistics and Probability Letters</i> , 2017, 129, 203-209.	0.7	1
25	Synchronization and Averaging Principle Of Stationary Solutions For Stochastic Differential Equations. <i>Potential Analysis</i> , 2021, 55, 339-368.	0.9	1
26	Strong convergence rate of the averaging principle for a class of slow-fast stochastic evolution equations. <i>Stochastics</i> , 0, , 1-34.	1.1	0