Bin Pei

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6011906/publications.pdf

Version: 2024-02-01

23	523	759233 12	713466 21
papers	citations	h-index	g-index

23	23	23	291
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Image encryption based on synchronization of fractional chaotic systems. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 3735-3744.	3.3	136
2	Stochastic averaging for stochastic differential equations driven by fractional Brownian motion and standard Brownian motion. Applied Mathematics Letters, 2020, 100, 106006.	2.7	57
3	Stochastic averaging principle for differential equations with non-Lipschitz coefficients driven by fractional Brownian motion. Stochastics and Dynamics, 2017, 17, 1750013.	1.2	52
4	Approximation properties for solutions to non-Lipschitz stochastic differential equations with LÃ©vy noise. Mathematical Methods in the Applied Sciences, 2015, 38, 2120-2131.	2.3	37
5	Two-time-scales hyperbolicâ€“parabolic equations driven by Poisson random measures: Existence, uniqueness and averaging principles. Journal of Mathematical Analysis and Applications, 2017, 447, 243-268.	1.0	35
6	Stochastic averaging for slow-fast dynamical systems with fractional Brownian motion. Discrete and Continuous Dynamical Systems - Series B, 2015, 20, 2257-2267.	0.9	26
7	Averaging principle for fast-slow system driven by mixed fractional Brownian rough path. Journal of Differential Equations, 2021, 301, 202-235.	2.2	25
8	Existence and stability of solutions to non-Lipschitz stochastic differential equations driven by LÃ©vy noise. Applied Mathematics and Computation, 2015, 263, 398-409.	2.2	24
9	Stochastic averaging for a class of two-time-scale systems of stochastic partial differential equations. Nonlinear Analysis: Theory, Methods & Applications, 2017, 160, 159-176.	1.1	23
10	Averaging principles for functional stochastic partial differential equations driven by a fractional Brownian motion modulated by two-time-scale Markovian switching processes. Nonlinear Analysis: Hybrid Systems, 2018, 27, 107-124.	3.5	19
11	Averaging principles for SPDEs driven by fractional Brownian motions with random delays modulated by two-time-scale Markov switching processes. Stochastics and Dynamics, 2018, 18, 1850023.	1.2	16
12	Mild solutions of local non-Lipschitz stochastic evolution equations with jumps. Applied Mathematics Letters, 2016, 52, 80-86.	2.7	14
13	Mixed stochastic differential equations: Averaging principle result. Applied Mathematics Letters, 2021, 112, 106705.	2.7	13
14	On the non-Lipschitz stochastic differential equations driven by fractional Brownian motion. Advances in Difference Equations, 2016, 2016, .	3.5	9
15	Mild solutions of local non-Lipschitz neutral stochastic functional evolution equations driven by jumps modulated by Markovian switching. Stochastic Analysis and Applications, 2017, 35, 391-408.	1.5	9
16	Stochastic averaging principles for multi-valued stochastic differential equations driven by poisson point Processes. Stochastic Analysis and Applications, 2018, 36, 751-766.	1.5	8
17	Random attractors for stochastic differential equations driven by two-sided LÃ©vy processes. Stochastic Analysis and Applications, 2019, 37, 1028-1041.	1.5	7
18	Convergence of <i>p</i>-th mean in an averaging principle for stochastic partial differential equations driven by fractional Brownian motion. Discrete and Continuous Dynamical Systems - Series B, 2020, 25, 1141-1158.	0.9	6

#	Article	IF	Citations
19	Two-time-scale stochastic differential delay equations driven by multiplicative fractional Brownian noise: Averaging principle. Journal of Mathematical Analysis and Applications, 2022, 510, 126004.	1.0	3
20	An Averaging Principle for Stochastic Differential Delay Equations with Fractional Brownian Motion. Abstract and Applied Analysis, 2014, 2014, 1-10.	0.7	2
21	Positivity of the Density for Rough Differential Equations. Journal of Theoretical Probability, 2022, 35, 1863-1877.	0.8	2
22	An Averaging Principle for Multi-valued Stochastic Differential Equations Driven by G-Brownian Motion. Interdisciplinary Mathematical Sciences, 2019, , 63-79.	0.4	0
23	Convergence of martingale solutions to the hybrid slow-fast system. Journal of Engineering Mathematics, 2022, 132, 1.	1.2	0