

# Bin Pei

## List of Publications by Year in descending order

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23  
papers

523  
citations

759233

12  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

291  
citing authors

#	ARTICLE	IF	CITATIONS
1	Positivity of the Density for Rough Differential Equations. Journal of Theoretical Probability, 2022, 35, 1863-1877.	0.8	2
2	Convergence of martingale solutions to the hybrid slow-fast system. Journal of Engineering Mathematics, 2022, 132, 1.	1.2	0
3	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
4	Mixed stochastic differential equations: Averaging principle result. Applied Mathematics Letters, 2021, 112, 106705.	2.7	13
5	Averaging principle for fast-slow system driven by mixed fractional Brownian rough path. Journal of Differential Equations, 2021, 301, 202-235.	2.2	25
6	Stochastic averaging for stochastic differential equations driven by fractional Brownian motion and standard Brownian motion. Applied Mathematics Letters, 2020, 100, 106006.	2.7	57
7	Convergence of $\epsilon^p$ -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
8	Random attractors for stochastic differential equations driven by two-sided Lévy processes. Stochastic Analysis and Applications, 2019, 37, 1028-1041.	1.5	7
9	An Averaging Principle for Multi-valued Stochastic Differential Equations Driven by G-Brownian Motion. Interdisciplinary Mathematical Sciences, 2019, , 63-79.	0.4	0
10	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
11	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
12	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
13	Stochastic averaging principle for differential equations with non-Lipschitz coefficients driven by fractional Brownian motion. Stochastics and Dynamics, 2017, 17, 1750013.	1.2	52
14	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
15	Two-time-scales hyperbolic-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
16	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
17	On the non-Lipschitz stochastic differential equations driven by fractional Brownian motion. Advances in Difference Equations, 2016, 2016, .	3.5	9
18	Mild solutions of local non-Lipschitz stochastic evolution equations with jumps. Applied Mathematics Letters, 2016, 52, 80-86.	2.7	14

#	ARTICLE	IF	CITATIONS
19	Existence and stability of solutions to non-Lipschitz stochastic differential equations driven by Lévy noise. <i>Applied Mathematics and Computation</i> , 2015, 263, 398-409.	2.2	24
20	Approximation properties for solutions to non-Lipschitz stochastic differential equations with Lévy noise. <i>Mathematical Methods in the Applied Sciences</i> , 2015, 38, 2120-2131.	2.3	37
21	Stochastic averaging for slow-fast dynamical systems with fractional Brownian motion. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2015, 20, 2257-2267.	0.9	26
22	An Averaging Principle for Stochastic Differential Delay Equations with Fractional Brownian Motion. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-10.	0.7	2
23	Image encryption based on synchronization of fractional chaotic systems. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014, 19, 3735-3744.	3.3	136