## Caibin Zeng

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Mean-square invariant manifolds for ill-posed stochastic evolution equations driven by nonlinear noise. Journal of Differential Equations, 2022, 313, 382-419.	2.2	3
2	Stationary Wong–Zakai Approximation of Fractional Brownian Motion and Stochastic Differential Equations with Noise Perturbations. Fractal and Fractional, 2022, 6, 303.	3.3	0
3	Uniform attractors for a class of stochastic evolution equations with multiplicative fractional noise. Stochastics and Dynamics, 2021, 21, 2150020.	1.2	2
4	Local stable manifolds for nonlinear planar fractional differential equations with order <b>1&lt;<i>î±</i>&lt;2</b> . Mathematical Methods in the Applied Sciences, 2021, 44, 8150-8165.	2.3	1
5	Morse decompositions of uniform random attractors. Journal of Differential Equations, 2021, 293, 23-47.	2.2	3
6	Ergodicity of stochastic Rabinovich systems driven by fractional Brownian motion. Physica A: Statistical Mechanics and Its Applications, 2020, 546, 122955.	2.6	4
7	Mean exit time and escape probability for the Ornstein–Uhlenbeck process. Chaos, 2020, 30, 093127.	2.5	1
8	Nonlocal dynamics in a gene regulatory system with tempered stable Lévy noise. Communications in Nonlinear Science and Numerical Simulation, 2020, 84, 105178.	3.3	4
9	Pathwise solution to rough stochastic lattice dynamical system driven by fractional noise. Communications on Pure and Applied Analysis, 2020, 19, 811-834.	0.8	2
10	A novel chaotification scheme for fractional system and its application. Journal of Computational and Applied Mathematics, 2018, 339, 275-284.	2.0	5
11	Well-posedness of the time-space fractional stochastic Navier-Stokes equations driven by fractional Brownian motion. Mathematical Modelling of Natural Phenomena, 2018, 13, 11.	2.4	3
12	Fractional Decision Making Model for Crowds of Pedestrians in Two-Alternative Choice Evacuation. IFAC-PapersOnLine, 2017, 50, 11764-11769.	0.9	1
13	The Onset of Chaos via Asymptotically Period-Doubling Cascade in Fractional Order Lorenz System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750207.	1.7	2
14	Bifurcation dynamics of the tempered fractional Langevin equation. Chaos, 2016, 26, 084310.	2.5	10
15	The effect of driver's characteristics on the stability of traffic flow under honk environment. Nonlinear Dynamics, 2016, 84, 1517-1528.	5.2	26
16	Dynamics of the stochastic Lorenz chaotic system with long memory effects. Chaos, 2015, 25, 123114.	2.5	11
17	Global Padé Approximations of the Generalized Mittag-Leffler Function and its Inverse. Fractional Calculus and Applied Analysis, 2015, 18, 1492-1506.	2.2	40
18	Is Our Universe Accelerating Dynamics Fractional Order?. , 2015, , .		0

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19	Synchronization of Systems with Fractional Environmental Noises on Finite Lattice. Fractional Calculus and Applied Analysis, 2015, 18, 891-910.	2.2	3
20	Synchronization of fractional-order linear complex networks. ISA Transactions, 2015, 55, 129-134.	5.7	17
21	Variational Solutions and Random Dynamical Systems to SPDEs Perturbed by Fractional Gaussian Noise. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	0
22	Lyapunov Techniques for Stochastic Differential Equations Driven by Fractional Brownian Motion. Abstract and Applied Analysis, 2014, 2014, 1-9.	0.7	5
23	Optimal random search, fractional dynamics and fractional calculus. Fractional Calculus and Applied Analysis, 2014, 17, 321-332.	2.2	21
24	Weighted pseudo almost automorphic classical solutions and optimal mild solutions for fractional differential equations and application in fractional reaction–diffusion equations. Journal of Mathematical Chemistry, 2014, 52, 1984-2012.	1.5	9
25	Chaos detection and parameter identification in fractional-order chaotic systems with delay. Nonlinear Dynamics, 2013, 73, 439-448.	5.2	60
26	Numerics for the fractional Langevin equation driven by the fractional Brownian motion. Fractional Calculus and Applied Analysis, 2013, 16, 123-141.	2.2	34
27	Almost sure and moment stability properties of fractional order Black-Scholes model. Fractional Calculus and Applied Analysis, 2013, 16, 317-331.	2.2	24
28	Optimal Random Search, Fractional Dynamics and Fractional Calculus. , 2013, , .		0
29	Fractional noise destroys or induces a stochastic bifurcation. Chaos, 2013, 23, 043120.	2.5	10
30	A Framework for Modeling and Managing Mass Pedestrian Evacuations Involving Individuals With Disabilities: Networked Segways as Mobile Sensors and Actuators. , 2013, , .		5
31	Existence and Uniqueness of Solution for a Class of Stochastic Differential Equations. Scientific World Journal, The, 2013, 2013, 1-7.	2.1	0
32	Robust controllability of interval fractional order linear time invariant stochastic systems. , 2012, , .		0
33	Robust H â^ž control for uncertain systems with heterogeneous time-varying delays via static output feedback. Chinese Physics B, 2012, 21, 110206.	1.4	2
34	Almost sure and moment stability properties of LTI stochastic dynamic systems driven by fractional Brownian motion. , 2012, , .		1
35	The fBm-driven Ornstein-Uhlenbeck process: Probability density function and anomalous diffusion. Fractional Calculus and Applied Analysis, 2012, 15, 479-492.	2.2	18
36	Solving nonlinear stochastic differential equations with fractional Brownian motion using reducibility approach. Nonlinear Dynamics, 2012, 67, 2719-2726.	5.2	30

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37	Chaos and mixed synchronization of a new fractional-order system with one saddle and two stable node-foci. Nonlinear Dynamics, 2011, 65, 457-466.	5.2	54
38	Chaos in fractional conjugate Lorenz system and its scaling attractors. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 4041-4051.	3.3	54
39	LaSalle-type theorems for stochastic functional differential equations with Markovian switching. Stochastic Analysis and Applications, 0, , 1-15.	1.5	0