Jinqiao Duan

List of Publications by Citations

257 papers	3,187 citations	29 h-index	46 g-index
267 ext. papers	3,695 ext. citations	2 avg, IF	5.79 L-index

#	Paper	IF	Citations
257	Invariant manifolds for stochastic partial differential equations. *Annals of Probability*, **2003**, 31, 2109	1.9	144
256	Restoration of rhythmicity in diffusively coupled dynamical networks. *Nature Communications*, **2015** , 6, 7709	17.4	119
255	Stochastic bifurcations in a bistable Duffing-Van der Pol oscillator with colored noise. *Physical Review E*, **2011**, 83, 056215	2.4	117
254	An averaging principle for stochastic dynamical systems with L□y noise. *Physica D: Nonlinear Phenomena*, **2011**, 240, 1395-1401	3.3	100
253	Smooth Stable and Unstable Manifolds for Stochastic Evolutionary Equations. *Journal of Dynamics and Differential Equations*, **2004**, 16, 949-972	1.3	83
252	Limit set of trajectories of the coupled viscous Burgers' equations. *Applied Mathematics Letters*, **1998**, 11, 57-61	3.5	80
251	Three-Dimensional Turbulent Bottom Density Currents from a High-Order Nonhydrostatic Spectral Element Model. *Journal of Physical Oceanography*, **2004**, 34, 2006-2026	2.4	66
250	Large deviations for the Boussinesq equations under random influences. *Stochastic Processes and Their Applications*, **2009**, 119, 2052-2081	1.1	65
249	L□y noise-induced stochastic resonance in a bistable system. *European Physical Journal B*, **2013**, 86, 1	1.2	64
248	Global existence theory for a generalized Ginzburg-Landau equation. *Nonlinearity*, **1992**, 5, 1303-1314	1.7	63
247	Complex projective synchronization in coupled chaotic complex dynamical systems. *Nonlinear Dynamics*, **2012**, 69, 771-779	5	62
246	Regularity, approximation and asymptotic dynamics for a generalized Ginzburg-Landau equation. *Nonlinearity*, **1993**, 6, 915-933	1.7	58
245	Mean Exit Time and Escape Probability for Dynamical Systems Driven by L□y Noises. *SIAM Journal of Scientific Computing*, **2014**, 36, A887-A906	2.6	57
244	Fluid Exchange across a Meandering Jet Quasiperiodic Variability. *Journal of Physical Oceanography*, **1996**, 26, 1176-1188	2.4	57
243	Large eddy simulation of stratified mixing in two-dimensional dam-break problem in a rectangular enclosed domain. *Ocean Modelling*, **2007**, 16, 106-140	3	53
242	Invariant Manifolds for Random and Stochastic Partial Differential Equations. *Advanced Nonlinear Studies*, **2010**, 10, 23-52	1.2	46
241	Linearized compact ADI schemes for nonlinear time-fractional Schr□inger equations. *Applied Mathematics Letters*, **2018**, 84, 160-167	3.5	44

240	The 3D Quasigeostrophic Fluid Dynamics Under Random Forcing On Boundary. *Communications in Mathematical Sciences*, **2003**, 1, 133-151	1	44
239	A novel compact ADI scheme for two-dimensional Riesz space fractional nonlinear reaction□diffusion equations. *Applied Mathematics and Computation*, **2019**, 346, 452-464	2.7	39
238	On the cauchy problem of a generalized ginzburg□landau equation. *Nonlinear Analysis: Theory, Methods & Applications*, **1994**, 22, 1033-1040	1.3	38
237	Stochastic basins of attraction for metastable states. *Chaos*, **2016**, 26, 073117	3.3	35
236	Emergence of amplitude and oscillation death in identical coupled oscillators. *Physical Review E*, **2014**, 90, 032906	2.4	33
235	On the Initial-Value Problem for the Generalized Two-Dimensional Ginzburg□andau Equation. *Journal of Mathematical Analysis and Applications*, **1997**, 216, 536-548	1.1	33
234	Asymptotics for the Generalized Two-Dimensional Ginzburg□andau Equation. *Journal of Mathematical Analysis and Applications*, **2000**, 247, 198-216	1.1	33
233	Asymptotic behavior of solutions for random wave equations with nonlinear damping and white noise. *Nonlinear Analysis: Real World Applications*, **2011**, 12, 464-478	2.1	31
232	Exponential stability of non-autonomous stochastic partial differential equations with finite memory. *Statistics and Probability Letters*, **2008**, 78, 490-498	0.6	31
231	Entrainment in bottom gravity currents over complex topography from three-dimensional nonhydrostatic simulations. *Geophysical Research Letters*, **2004**, 31, n/a-n/a	4.9	31
230	Uniform Attractors for Nonautonomous Wave Equations with Nonlinear Damping. *SIAM Journal on Applied Dynamical Systems*, **2007**, 6, 293-318	2.8	30
229	Transitions in a genetic transcriptional regulatory system under L□y motion. *Scientific Reports*, **2016**, 6, 29274	4.9	30
228	Non-autonomous dynamics of wave equations with nonlinear damping and critical nonlinearity. *Nonlinearity*, **2006**, 19, 2645-2665	1.7	29
227	Fokker□lanck equations for stochastic dynamical systems with symmetric L□y motions. *Applied Mathematics and Computation*, **2016**, 278, 1-20	2.7	28
226	Fronts, domain walls and pulses in a generalized Ginzburg-Landau equation*. *Proceedings of the Edinburgh Mathematical Society*, **1995**, 38, 77-97	0.7	28
225	A two-level linearized compact ADI scheme for two-dimensional nonlinear reaction□diffusion equations. *Computers and Mathematics With Applications*, **2018**, 75, 2835-2850	2.7	27
224	STOCHASTIC DYNAMICS OF A COUPLED ATMOSPHERE□OCEAN MODEL. *Stochastics and Dynamics*, **2002**, 02, 357-380	0.8	27
223	Stochastic parameterization for large eddy simulation of geophysical flows. *Proceedings of the American Mathematical Society*, **2007**, 135, 1187-1187	0.8	26

222	Almost Periodic Solutions and Global Attractors of Non-autonomous Navier–Stokes Equations. *Journal of Dynamics and Differential Equations*, **2004**, 16, 1-34	1.3	24
221	Stochastic averaging principle for dynamical systems with fractional Brownian motion. *Discrete and Continuous Dynamical Systems - Series B*, **2014**, 19, 1197-1212	1.3	24
220	On the stochastic Kuramoto–Sivashinsky equation. *Nonlinear Analysis: Theory, Methods & Applications*, **2001**, 44, 205-216	1.3	23
219	Particle dynamics and transport enhancement in a confined channel with position-dependent diffusivity. *New Journal of Physics*, **2020**, 22, 053016	2.9	22
218	Random attractor for the Ladyzhenskaya model with additive noise. *Journal of Mathematical Analysis and Applications*, **2010**, 362, 241-251	1.1	22
217	Most probable dynamics of some nonlinear systems under noisy fluctuations. *Communications in Nonlinear Science and Numerical Simulation*, **2016**, 30, 108-114	3.7	21
216	Lévy noise-induced escape in an excitable system. *Journal of Statistical Mechanics: Theory and Experiment*, **2017**, 2017, 063503	1.9	21
215	Large deviations and approximations for slow–fast stochastic reaction–diffusion equations. *Journal of Differential Equations*, **2012**, 253, 3501-3522	2.1	21
214	Enhancing dynamical robustness in aging networks of coupled nonlinear oscillators. *Europhysics Letters*, **2016**, 114, 40004	1.6	21
213	Approximation for random stable manifolds under multiplicative correlated noises. *Discrete and Continuous Dynamical Systems - Series B*, **2016**, 21, 3163-3174	1.3	20
212	Reductions and Deviations for Stochastic Partial Differential Equations Under Fast Dynamical Boundary Conditions. *Stochastic Analysis and Applications*, **2009**, 27, 431-459	1.1	19
211	Homogenized Dynamics of Stochastic Partial Differential Equations with Dynamical Boundary Conditions. *Communications in Mathematical Physics*, **2007**, 275, 163-186	2	19
210	Infinite-Dimensional Linear Dynamical Systems with Chaoticity. *Journal of Nonlinear Science*, **1999**, 9, 197-211	2.8	19
209	Slow manifolds for multi-time-scale stochastic evolutionary systems. *Communications in Mathematical Sciences*, **2013**, 11, 141-162	1	19
208	The maximum likelihood climate change for global warming under the influence of greenhouse effect and Lévy noise. *Chaos*, **2020**, 30, 013132	3.3	18
207	Synchronization of an evolving complex hyper-network. *Applied Mathematical Modelling*, **2014**, 38, 2961-2968	4.4	18
206	An impact of noise on invariant manifolds in nonlinear dynamical systems. *Journal of Mathematical Physics*, **2010**, 51, 042702	1.2	18
205	Dynamics of a Nonlocal Kuramoto–Sivashinsky Equation. *Journal of Differential Equations*, **1998**, 143, 243-266	2.1	17

204	A Stochastic Pitchfork Bifurcation in Most Probable Phase Portraits. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2018**, 28, 1850017	2	16
203	Impacts of noise on a class of partial differential equations. *Journal of Differential Equations*, **2015**, 258, 2196-2220	2.1	16
202	Fokker-Planck equations for nonlinear dynamical systems driven by non-Gaussian Lévy processes. *Journal of Mathematical Physics*, **2012**, 53, 072701	1.2	16
201	AN AVERAGING PRINCIPLE FOR TWO-SCALE STOCHASTIC PARTIAL DIFFERENTIAL EQUATIONS. *Stochastics and Dynamics*, **2011**, 11, 353-367	0.8	16
200	Dissipative Quasi-geostrophic Dynamics under Random Forcing. *Journal of Mathematical Analysis and Applications*, **1998**, 228, 221-233	1.1	16
199	Most probable dynamics of a genetic regulatory network under stable Lévy noise. *Applied Mathematics and Computation*, **2019**, 348, 425-436	2.7	16
198	Lévy noise induced transition and enhanced stability in a gene regulatory network. *Chaos*, **2018**, 28, 075510	3.3	15
197	Asymptotic behavior for a semilinear second order evolution equation. *Transactions of the American Mathematical Society*, **2011**, 363, 6085-6109	1	15
196	Asymptotic dynamical difference between the nonlocal and local Swift–Hohenberg models. *Journal of Mathematical Physics*, **2000**, 41, 2077-2089	1.2	15
195	The effect of nonlocal interactions on the dynamics of the Ginzburg-Landau equation. *Zeitschrift Fur Angewandte Mathematik Und Physik*, **1996**, 47, 432-455	1.6	15
194	On global attractors for a class of nonhyperbolic piecewise affine maps. *Physica D: Nonlinear Phenomena*, **2008**, 237, 3369-3376	3.3	14
193	A dynamical approximation for stochastic partial differential equations. *Journal of Mathematical Physics*, **2007**, 48, 102701	1.2	14
192	An alternative expression for stochastic dynamical systems with parametric Poisson white noise. *Probabilistic Engineering Mechanics*, **2013**, 32, 1-4	2.6	13
191	Effective Macroscopic Dynamics of Stochastic Partial Differential Equations in Perforated Domains. *SIAM Journal on Mathematical Analysis*, **2007**, 38, 1508-1527	1.7	13
190	Metastability for discontinuous dynamical systems under Lévy noise: Case study on Amazonian Vegetation. *Scientific Reports*, **2017**, 7, 9336	4.9	12
189	Numerical methods for the mean exit time and escape probability of two-dimensional stochastic dynamical systems with non-Gaussian noises. *Applied Mathematics and Computation*, **2015**, 258, 282-295	2.7	12
188	Asymmetric non-Gaussian effects in a tumor growth model with immunization. *Applied Mathematical Modelling*, **2014**, 38, 4428-4444	4.5	12
187	Synchronization of systems of Marcus canonical equations driven by -stable noises. *Nonlinear Analysis: Real World Applications*, **2010**, 11, 3437-3445	2.1	12

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185	Nonlinear filtering of stochastic dynamical systems with Lévy noises. *Advances in Applied Probability*, **2015**, 47, 902-918	0.7	11
184	A computational analysis for mean exit time under non-Gaussian Lévy noises. *Applied Mathematics and Computation*, **2011**, 218, 1845-1856	2.7	11
183	Geometric shape of invariant manifolds for a class of stochastic partial differential equationsa). *Journal of Mathematical Physics*, **2011**, 52, 072702	1.2	11
182	Ergodicity of stochastically forced large scale geophysical flows. *International Journal of Mathematics and Mathematical Sciences*, **2001**, 28, 313-320	0.8	11
181	Escape probability, mean residence time and geophysical fluid particle dynamics. *Physica D: Nonlinear Phenomena*, **1999**, 133, 23-33	3.3	11
180	Solving Inverse Stochastic Problems from Discrete Particle Observations Using the Fokker--Planck Equation and Physics-Informed Neural Networks. *SIAM Journal of Scientific Computing*, **2021**, 43, B811-B830	2.6	11
179	Most probable transition pathways and maximal likely trajectories in a genetic regulatory system. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 531, 121779	3.3	10
178	The influences of correlated spatially random perturbations on first passage time in a linear-cubic potential. *Chaos*, **2019**, 29, 101102	3.3	10
177	An Impact of Stochastic Dynamic Boundary Conditions on the Evolution of the Cahn-Hilliard System. *Stochastic Analysis and Applications*, **2007**, 25, 613-639	1.1	10
176	Dissipative Quasi-Geostrophic Motion under Temporally Almost Periodic Forcing. *Journal of Mathematical Analysis and Applications*, **1999**, 236, 74-85	1.1	10
175	A data-driven approach for discovering stochastic dynamical systems with non-Gaussian Lévy noise. *Physica D: Nonlinear Phenomena*, **2021**, 417, 132830	3.3	10
174	The tipping times in an Arctic sea ice system under influence of extreme events. *Chaos*, **2020**, 30, 063125	3.3	9
173	Quantifying model uncertainty in dynamical systems driven by non-Gaussian Lévy stable noise with observations on mean exit time or escape probability. *Communications in Nonlinear Science and Numerical Simulation*, **2016**, 39, 1-6	3.7	9
172	Slow foliation of a slow–fast stochastic evolutionary system. *Journal of Functional Analysis*, **2014**, 267, 2663-2697	1.4	9
171	A Wong-Zakai approximation for random invariant manifolds. *Journal of Mathematical Physics*, **2017**, 58, 122701	1.2	9
170	Approximation of Random Slow Manifolds and Settling of Inertial Particles Under Uncertainty. *Journal of Dynamics and Differential Equations*, **2015**, 27, 961-979	1.3	9
169	Bridging the Boussinesq and primitive equations through spatio-temporal filtering. *Applied Mathematics Letters*, **2010**, 23, 453-456	3.5	9

168	On the shape Conley index theory of semiflows on complete metric spaces. *Discrete and Continuous Dynamical Systems*, **2015**, 36, 1629-1647	2	9
167	An averaging principle for fractional stochastic differential equations with Lévy noise. *Chaos*, **2020**, 30, 083126	3.3	9
166	Likelihood for transcriptions in a genetic regulatory system under asymmetric stable Lévy noise. *Chaos*, **2018**, 28, 013121	3.3	8
165	The Onsager–Machlup function as Lagrangian for the most probable path of a jump-diffusion process. *Nonlinearity*, **2019**, 32, 3715-3741	1.7	8
164	A Stochastic Approach for Parameterizing Unresolved Scales in a System with Memory. *Journal of Algorithms and Computational Technology*, **2009**, 3, 393-405	0.7	8
163	Rare events in the Boussinesq system with fluctuating dynamical boundary conditions. *Journal of Differential Equations*, **2010**, 248, 1269-1296	2.1	8
162	AN INTERMEDIATE REGIME FOR EXIT PHENOMENA DRIVEN BY NON-GAUSSIAN LÉVY NOISES. *Stochastics and Dynamics*, **2008**, 08, 583-591	0.8	8
161	Escape probability and mean residence time in random flows with unsteady drift. *Mathematical Problems in Engineering*, **2001**, 7, 55-65	1.1	8
160	Detecting the maximum likelihood transition path from data of stochastic dynamical systems. *Chaos*, **2020**, 30, 113124	3.3	8
159	Escape Probability for Stochastic Dynamical Systems with Jumps. *Springer Proceedings in Mathematics and Statistics*, **2013**, 195-216	0.2	8
158	Effects of Lévy noise on the Fitzhugh-Nagumo model: A perspective on the maximal likely trajectories. *Journal of Theoretical Biology*, **2019**, 480, 166-174	2.3	7
157	A nonlocal Fokker–Planck equation for non-Gaussian stochastic dynamical systems. *Applied Mathematics Letters*, **2015**, 49, 1-6	3.5	7
156	A parameter estimation method based on random slow manifolds. *Applied Mathematical Modelling*, **2015**, 39, 3721-3732	4.5	7
155	Most probable dynamics of stochastic dynamical systems with exponentially light jump fluctuations. *Chaos*, **2020**, 30, 063142	3.3	7
154	Stability and convergence of compact finite difference method for parabolic problems with delay. *Applied Mathematics and Computation*, **2018**, 322, 129-139	2.7	7
153	Discovering mean residence time and escape probability from data of stochastic dynamical systems. *Chaos*, **2019**, 29, 093122	3.3	7
152	Data assimilation and parameter estimation for a multiscale stochastic system with α-stable Lévy noise. *Journal of Statistical Mechanics: Theory and Experiment*, **2017**, 2017, 113401	1.9	7
151	Random Dynamics of the Boussinesq System with Dynamical Boundary Conditions. *Stochastic Analysis and Applications*, **2009**, 27, 1096-1116	1.1	7

150	MEAN EXIT TIME AND ESCAPE PROBABILITY FOR A TUMOR GROWTH SYSTEM UNDER NON-GAUSSIAN NOISE. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2012**, 22, 1250090	2	7
149	Global attractors and invariant measures for non-invertible planar piecewise isometric maps. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 371, 285-290	2.3	7
148	Recurrent motions and global attractors of non-autonomous Lorenz systems. *Dynamical Systems*, **2004**, 19, 41-59	0.6	7
147	PROBABILISTIC DYNAMICS OF TWO-LAYER GEOPHYSICAL FLOWS. *Stochastics and Dynamics*, **2001**, 01, 451-475	0.8	7
146	Slow manifolds for dynamical systems with non-Gaussian stable Lévy noise. *Analysis and Applications*, **2019**, 17, 477-511	2.5	6
145	Centre manifolds for stochastic evolution equations. *Journal of Difference Equations and Applications*, **2015**, 21, 606-632	1	6
144	Numerical algorithms for mean exit time and escape probability of stochastic systems with asymmetric Lévy motion. *Applied Mathematics and Computation*, **2018**, 337, 618-634	2.7	6
143	Approximating Dynamics of a Singularly Perturbed Stochastic Wave Equation with a Random Dynamical Boundary Condition. *SIAM Journal on Mathematical Analysis*, **2013**, 45, 2790-2814	1.7	6
142	Convergence of global attractors of a 2D non-Newtonian system to the global attractor of the 2D Navier-Stokes system. *Science China Mathematics*, **2013**, 56, 253-265	0.8	6
141	TOPOLOGICAL EQUIVALENCE FOR DISCONTINUOUS RANDOM DYNAMICAL SYSTEMS AND APPLICATIONS. *Stochastics and Dynamics*, **2014**, 14, 1350007	0.8	6
140	Exponential stability of the multi-layer quasi-geostrophic ocean model with delays. *Nonlinear Analysis: Theory, Methods & Applications*, **2009**, 71, 799-811	1.3	6
139	On a coupled Kuramoto–Sivashinsky and Ginzburg–Landau-type model for the Marangoni convection. *Journal of Mathematical Physics*, **1997**, 38, 2465-2474	1.2	6
138	State estimation under non-Gaussian Lévy noise: A modified Kalman filtering method. *Banach Center Publications*,105, 239-246		6
137	Behavioral synchronization induced by epidemic spread in complex networks. *Chaos*, **2017**, 27, 063101	3.3	6
136	Discovering transition phenomena from data of stochastic dynamical systems with Lévy noise. *Chaos*, **2020**, 30, 093110	3.3	6
135	Dynamical inference for transitions in stochastic systems with α-stable Lévy noise. *Journal of Physics A: Mathematical and Theoretical*, **2016**, 49, 294002	2	6
134	Learning and meta-learning of stochastic advection–diffusion–reaction systems from sparse measurements. *European Journal of Applied Mathematics*, **2021**, 32, 397-420	1	6
133	Existence and regularity of a linear nonlocal Fokker–Planck equation with growing drift. *Journal of Mathematical Analysis and Applications*, **2017**, 449, 228-243	1.1	5

132	Bounded and unbounded solutions of a discontinuous oscillator at resonance. *International Journal of Non-Linear Mechanics*, **2018**, 105, 146-151	2.8	5
131	Derivation of Fokker–Planck equations for stochastic systems under excitation of multiplicative non-Gaussian white noise. *Journal of Mathematical Analysis and Applications*, **2017**, 446, 786-800	1.1	5
130	Asymptotic methods for stochastic dynamical systems with small non-Gaussian Lévy noise. *Stochastics and Dynamics*, **2015**, 15, 1550004	0.8	5
129	Synchronization of Dissipative Dynamical Systems Driven by Non-Gaussian Lévy Noises. *International Journal of Stochastic Analysis*, **2010**, 2010, 1-13		5
128	Structure of the set of bounded solutions for a class of nonautonomous second-order differential equations. *Journal of Differential Equations*, **2009**, 246, 1754-1773	2.1	5
127	APPROXIMATION OF INVARIANT FOLIATIONS FOR STOCHASTIC DYNAMICAL SYSTEMS. *Stochastics and Dynamics*, **2012**, 12, 1150011	0.8	5
126	Dynamics of transport under random fluxes on the boundary. *Communications in Nonlinear Science and Numerical Simulation*, **2008**, 13, 1627-1641	3.7	5
125	Dynamics of quasi-geostrophic fluid motion with rapidly oscillating Coriolis force. *Nonlinear Analysis: Real World Applications*, **2003**, 4, 127-138	2.1	5
124	CHAOTIC PROPERTIES OF SUBSHIFTS GENERATED BY A NONPERIODIC RECURRENT ORBIT. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2000**, 10, 1067-1073	2	5
123	Time-periodic quasigeostrophic motion under dissipation and forcing. *Applied Mathematics and Computation*, **1999**, 102, 121-127	2.7	5
122	Recurrent motions in the nonautonomous Navier-Stokes system. *Discrete and Continuous Dynamical Systems - Series B*, **2003**, 3, 255-262	1.3	5
121	Approximation of random invariant manifolds for a stochastic Swift-Hohenberg equation. *Discrete and Continuous Dynamical Systems - Series S*, **2016**, 9, 1701-1715	2.8	5
120	On a stochastic nonlocal conservation law in a bounded domain. *Bulletin Des Sciences Mathematiques*, **2016**, 140, 718-746	0.7	5
119	Machine learning framework for computing the most probable paths of stochastic dynamical systems. *Physical Review E*, **2021**, 103, 012124	2.4	5
118	Effective filtering on a random slow manifold. *Nonlinearity*, **2018**, 31, 4649-4666	1.7	5
117	The Cauchy problem for the Ostrovsky equation with positive dispersion. *Nonlinear Differential Equations and Applications*, **2018**, 25, 1	0.8	5
116	Martingale and weak solutions for a stochastic nonlocal Burgers equation on finite intervals. *Journal of Mathematical Analysis and Applications*, **2017**, 449, 176-194	1.1	4
115	Hamiltonian systems with Lévy noise: Symplecticity, Hamilton's principle and averaging principle. *Physica D: Nonlinear Phenomena*, **2019**, 398, 69-83	3.3	4

114	Numerical analysis and applications of Fokker-Planck equations for stochastic dynamical systems with multiplicative □stable noises. *Applied Mathematical Modelling*, **2020**, 87, 711-730	4.5	4
113	A Newton linearized compact finite difference scheme for one class of Sobolev equations. *Numerical Methods for Partial Differential Equations*, **2018**, 34, 1093-1112	2.5	4
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111	Smooth solution of a nonlocal Fokker□Planck equation associated with stochastic systems with L□y noise. *Applied Mathematics Letters*, **2016**, 58, 172-177	3.5	4
110	Nonlinear filtering of stochastic dynamical systems with L□y noises. *Advances in Applied Probability* , **2015**, 47, 902-918	0.7	4
109	UPPER SEMICONTINUITY OF GLOBAL ATTRACTORS FOR 2D NAVIER□STOKES EQUATIONS. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2012**, 22, 1250046	2	4
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107	Ergodic dynamics of the stochastic Swift□Hohenberg system. *Nonlinear Analysis: Real World Applications*, **2005**, 6, 273-295	2.1	4
106	Slow manifold for a nonlocal stochastic evolutionary system with fast and slow components. *Journal of Differential Equations*, **2017**, 263, 4870-4893	2.1	3
105	Slow manifolds for a nonlocal fast-slow stochastic system with stable L□y noise. *Journal of Mathematical Physics*, **2019**, 60, 091501	1.2	3
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102	Kinetic Solutions for Nonlocal Scalar Conservation Laws. *SIAM Journal on Mathematical Analysis*, **2018**, 50, 1521-1543	1.7	3
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100	Approximation representation of parameterizing manifold and non-Markovian reduced systems for a stochastic Swift□Hohenberg equation. *Applied Mathematics Letters*, **2016**, 52, 112-117	3.5	3
99	L□y noise induced escape in the Morris□Lecar model. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 531, 121785	3.3	3
98	Ensemble Averaging for Dynamical Systems Under Fast Oscillating Random Boundary Conditions. *Stochastic Analysis and Applications*, **2014**, 32, 944-961	1.1	3
97	Large deviations for the stochastic quasigeostrophic equation with multiplicative noise. *Journal of Mathematical Physics*, **2010**, 51, 053301	1.2	3

96	Stochastic modeling of unresolved scales in complex systems. *Frontiers of Mathematics in China*, **2009**, 4, 425-436	0.8	3
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94	Impact of boundary conditions on entrainment and transport in gravity currents. *Applied Mathematical Modelling*, **2007**, 31, 1338-1350	4.5	3
93	General matrix-valued inhomogeneous linear stochastic differential equations and applications. *Statistics and Probability Letters*, **2008**, 78, 2361-2365	0.6	3
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90	Feedback Stabilization for Oseen Fluid Equations: A Stochastic Approach. *Journal of Mathematical Fluid Mechanics*, **2005**, 7, 574-610	1.4	3
89	Almost Periodic Passive Tracer Dispersion. *Journal of Mathematical Analysis and Applications*, **2000**, 247, 300-308	1.1	3
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87	Non-Gaussian dynamics of a tumor growth system with immunization. *Inverse Problems and Imaging* , **2013**, 7, 697-716	2.1	3
86	A sufficient condition for bifurcation in random dynamical systems. *Proceedings of the American Mathematical Society*, **2010**, 138, 965-973	0.8	3
85	Transitions between metastable states in a simplified model for the thermohaline circulation under random fluctuations. *Applied Mathematics and Computation*, **2020**, 369, 124868	2.7	3
84	Bifurcation in Mean Phase Portraits for Stochastic Dynamical Systems with Multiplicative Gaussian Noise. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2050216	2	3
83	Stochastic bifurcation for two-time-scale dynamical system with □stable L□y noise. *Journal of Statistical Mechanics: Theory and Experiment*, **2021**, 2021, 033204	1.9	3
82	Centre manifolds for infinite dimensional random dynamical systems. *Dynamical Systems*, **2019**, 34, 334-356	0.6	3
81	Effective Filtering Analysis for Non-Gaussian Dynamic Systems. *Applied Mathematics and Optimization*, **2021**, 83, 437-459	1.5	3
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75	Lyapunov exponents of stochastic differential equations driven by Lévy processes. *Dynamical Systems*, **2016**, 31, 136-150	0.6	2
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