Wei Xu

List of Publications by Year
in descending order

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250	3,880	172457	243625
papers	citations	29 h-index	44 g-index

250	250	250	1288
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stochastic bifurcations in a bistable Duffing–Van der Pol oscillator with colored noise. Physical Review E, 2011, 83, 056215.	2.1	157
2	An averaging principle for stochastic dynamical systems with LÃ©vy noise. Physica D: Nonlinear Phenomena, 2011, 240, 1395-1401.	2.8	138
3	Synchronization of two chaotic nonlinear gyros using active control. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 343, 153-158.	2.1	134
4	LÃ©vy noise-induced stochastic resonance in a bistable system. European Physical Journal B, 2013, 86, 1.	1.5	77
5	Stochastic responses of Duffing-Van der Pol vibro-impact system under additive and multiplicative random excitations. International Journal of Non-Linear Mechanics, 2009, 44, 51-57.	2.6	73
6	Global synchronization of two parametrically excited systems using active control. Chaos, Solitons and Fractals, 2006, 28, 428-436.	5.1	72
7	Bifurcations of smooth and non-smooth travelling wave solutions in the generalized Camassaâ€“Holm equation. Chaos, Solitons and Fractals, 2005, 26, 1149-1162.	5.1	57
8	Stochastic responses of vibro-impact duffing oscillator excited by additive Gaussian noise. Journal of Sound and Vibration, 2008, 309, 730-738.	3.9	53
9	Chaos control by harmonic excitation with proper random phase. Chaos, Solitons and Fractals, 2004, 21, 1175-1181.	5.1	51
10	Melnikovâ€™s method for a general nonlinear vibro-impact oscillator. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 418-426.	1.1	51
11	Stochastic bifurcation in duffing system subject to harmonic excitation and in presence of random noise. International Journal of Non-Linear Mechanics, 2004, 39, 1473-1479.	2.6	50
12	Inducing or suppressing chaos in a double-well Duffing oscillator by time delay feedback. Chaos, Solitons and Fractals, 2006, 27, 705-714.	5.1	48
13	Response probability density functions of Duffingâ€“Van der Pol vibro-impact system under correlated Gaussian white noise excitations. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 1269-1279.	2.6	45
14	Stochastic response of a class of self-excited systems with Caputo-type fractional derivative driven by Gaussian white noise. Chaos, Solitons and Fractals, 2015, 77, 190-204.	5.1	44
15	Mean first-passage time of a bistable kinetic model driven by two different kinds of coloured noisesâ˜†. Chaos, Solitons and Fractals, 2005, 23, 275-280.	5.1	43
16	Resonant response of a non-linear vibro-impact system to combined deterministic harmonic and random excitations. International Journal of Non-Linear Mechanics, 2010, 45, 474-481.	2.6	39
17	Delay-induced stochastic bifurcations in a bistable system under white noise. Chaos, 2015, 25, 083102.	2.5	38
18	Slowing down critical transitions via Gaussian white noise and periodic force. Science China Technological Sciences, 2019, 62, 2144-2152.	4.0	38

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19	Suppressing chaos of a complex Duffing's system using a random phase. Chaos, Solitons and Fractals, 2005, 23, 265-273.	5.1	36
20	Synchronization of two different chaotic systems with unknown parameters. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 361, 98-102.	2.1	36
21	GLOBAL ANALYSIS OF STOCHASTIC BIFURCATION IN DUFFING SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2003, 13, 3115-3123.	1.7	34
22	Adaptive complete synchronization of chaotic dynamical network with unknown and mismatched parameters. Chaos, 2007, 17, 033118.	2.5	33
23	Stochastic bifurcations in the nonlinear vibroimpact system with fractional derivative under random excitation. Communications in Nonlinear Science and Numerical Simulation, 2017, 42, 62-72.	3.3	33
24	Explosive death of conjugate coupled Van der Pol oscillators on networks. Physical Review E, 2018, 97, 062203.	2.1	33
25	Stochastic resonance in coupled underdamped bistable systems driven by symmetric trichotomous noises. International Journal of Non-Linear Mechanics, 2014, 67, 42-47.	2.6	32
26	Stochastic analysis of monostable vibration energy harvesters with fractional derivative damping under Gaussian white noise excitation. Nonlinear Dynamics, 2018, 94, 639-648.	5.2	32
27	The averaging principle for stochastic differential equations with Caputo fractional derivative. Applied Mathematics Letters, 2019, 93, 79-84.	2.7	32
28	Effects of time delays on bifurcation and chaos in a non-autonomous system with multiple time delays. Chaos, Solitons and Fractals, 2007, 31, 39-53.	5.1	31
29	Dynamical complexity and stochastic resonance in a bistable system with time delay. Nonlinear Dynamics, 2015, 79, 1787-1795.	5.2	31
30	Global bifurcation analysis of Rayleighâ€“Duffing oscillator through the composite cell coordinate system method. Nonlinear Dynamics, 2012, 69, 437-457.	5.2	30
31	Subharmonic response of a single-degree-of-freedom nonlinear vibroimpact system to a randomly disordered periodic excitation. Journal of Sound and Vibration, 2009, 327, 173-182.	3.9	29
32	Dynamical properties of a forced vibration isolation system with real-power nonlinearities in restoring and damping forces. Nonlinear Dynamics, 2015, 81, 641-658.	5.2	29
33	On a complex beamâ€“beam interaction model with random forcing. Physica A: Statistical Mechanics and Its Applications, 2004, 336, 347-360.	2.6	28
34	Stochastic stability and bifurcation in a macroeconomic model. Chaos, Solitons and Fractals, 2007, 31, 702-711.	5.1	28
35	On a complex Duffing system with random excitation. Chaos, Solitons and Fractals, 2008, 35, 126-132.	5.1	28
36	Dynamic responses of axially moving viscoelastic beam under a randomly disordered periodic excitation. Journal of Sound and Vibration, 2012, 331, 4045-4056.	3.9	28

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37	Bifurcations in a fractional birhythmic biological system with time delay. Communications in Nonlinear Science and Numerical Simulation, 2019, 72, 318-328.	3.3	28
38	Aging transition by random errors. Scientific Reports, 2017, 7, 42715.	3.3	27
39	Characterizing stochastic resonance in coupled bistable system with Poisson white noises via statistical complexity measures. Nonlinear Dynamics, 2017, 88, 1163-1171.	5.2	26
40	Inducing amplitude death via discontinuous coupling. Nonlinear Dynamics, 2018, 92, 1185-1195.	5.2	26
41	Stationary response of nonlinear system with Caputo-type fractional derivative damping under Gaussian white noise excitation. Nonlinear Dynamics, 2015, 79, 139-146.	5.2	25
42	Stochastic P-bifurcation analysis of a fractional smooth and discontinuous oscillator via the generalized cell mapping method. International Journal of Non-Linear Mechanics, 2017, 96, 56-63.	2.6	25
43	Early warning and basin stability in a stochastic vegetation-water dynamical system. Communications in Nonlinear Science and Numerical Simulation, 2019, 77, 258-270.	3.3	25
44	Effect of bounded noise on the chaotic motion of a Duffing Van der pol oscillator in a Ï•6 potential. Chaos, Solitons and Fractals, 2006, 27, 778-788.	5.1	24
45	Synchronization of two chaotic four-dimensional systems using active control. Chaos, Solitons and Fractals, 2007, 32, 1823-1829.	5.1	24
46	Resonance dynamics evoked via noise recycling procedure. Physical Review E, 2012, 85, 061125.	2.1	24
47	First-passage time statistics in a bistable system subject to Poisson white noise by the generalized cell mapping method. Communications in Nonlinear Science and Numerical Simulation, 2015, 23, 220-228.	3.3	24
48	Stochastic Bifurcations in a Birhythmic Biological Model with Time-Delayed Feedbacks. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850048.	1.7	24
49	Bifurcations of travelling wave solutions in a new integrable equation with peakon and compactons. Chaos, Solitons and Fractals, 2006, 27, 413-425.	5.1	23
50	Stochastic response of a oscillator subjected to combined harmonic and Poisson white noise excitations. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 2988-2998.	2.6	23
51	Amplitude death induced by mixed attractive and repulsive coupling in the relay system. European Physical Journal B, 2018, 91, 1.	1.5	23
52	Chaotic motion of Van der Polâ€“Mathieuâ€“Duffing system under bounded noise parametric excitation. Journal of Sound and Vibration, 2008, 309, 330-337.	3.9	22
53	The study on a stochastic system with non-Gaussian noise and Gaussian colored noise. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 781-788.	2.6	22
54	Stochastic stability of quasi non-integrable Hamiltonian systems under parametric excitations of Gaussian and Poisson white noises. Probabilistic Engineering Mechanics, 2013, 32, 39-47.	2.7	22

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55	Characterization of stochastic resonance in a bistable system with Poisson white noise using statistical complexity measures. Communications in Nonlinear Science and Numerical Simulation, 2015, 28, 39-49.	3.3	22
56	Stochastic responses of a viscoelastic-impact system under additive and multiplicative random excitations. Communications in Nonlinear Science and Numerical Simulation, 2016, 35, 166-176.	3.3	22
57	An averaging result for impulsive fractional neutral stochastic differential equations. Applied Mathematics Letters, 2021, 114, 106892.	2.7	22
58	Noise-induced chaos in the elastic forced oscillators with real-power damping force. Nonlinear Dynamics, 2013, 71, 457-467.	5.2	21
59	Global analysis of boundary and interior crises in an elastic impact oscillator. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 3567-3574.	3.3	21
60	Stochastic Response of a Vibro-Impact System by Path Integration Based on Generalized Cell Mapping Method. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450129.	1.7	21
61	Stochastic dynamics of HIV models with switching parameters and pulse control. Journal of the Franklin Institute, 2015, 352, 2765-2782.	3.4	21
62	Travelling wave solutions in the generalized Hirotaâ€“Satsuma coupled KdV system. Applied Mathematics and Computation, 2005, 161, 365-383.	2.2	20
63	Modulating resonance behaviors by noise recycling in bistable systems with time delay. Chaos, 2014, 24, 023126.	2.5	20
64	Research on the reliability of friction system under combined additive and multiplicative random excitations. Communications in Nonlinear Science and Numerical Simulation, 2018, 54, 1-12.	3.3	20
65	Bifurcations of Smooth and Non-Smooth Travelling Wave Solutions of the Degasperis-Procesi Equation. International Journal of Nonlinear Sciences and Numerical Simulation, 2004, 5, .	1.0	19
66	The Stochastic Response of a Class of Impact Systems Calculated by a New Strategy Based on Generalized Cell Mapping Method. Journal of Applied Mechanics, Transactions ASME, 2018, 85, .	2.2	19
67	Adaptive complete synchronization of the noise-perturbed two bi-directionally coupled chaotic systems with time-delay and unknown parametric mismatch. Applied Mathematics and Computation, 2009, 213, 538-547.	2.2	18
68	Detecting early-warning signals in periodically forced systems with noise. Chaos, 2018, 28, 113601.	2.5	18
69	Maximal Lyapunov exponent and almost-sure stability for Stochastic Mathieuâ€“Duffing Systems. Journal of Sound and Vibration, 2005, 286, 395-402.	3.9	17
70	Global analysis of crisis in twin-well Duffing system under harmonic excitation in presence of noise. Chaos, Solitons and Fractals, 2005, 23, 141-150.	5.1	17
71	First-passage problem for strong nonlinear stochastic dynamical systems. Chaos, Solitons and Fractals, 2006, 28, 414-421.	5.1	17
72	Persistence of solitary wave solutions of singularly perturbed Gardner equation. Chaos, Solitons and Fractals, 2008, 37, 532-538.	5.1	17

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73	Response analysis for a vibroimpact Duffing system with bilateral barriers under external and parametric Gaussian white noises. Chaos, Solitons and Fractals, 2016, 87, 125-135.	5.1	17
74	Stochastic stability of variable-mass Duffing oscillator with mass disturbance modeled as Gaussian white noise. Nonlinear Dynamics, 2017, 89, 607-616.	5.2	17
75	Quenching oscillating behaviors in fractional coupled Stuart-Landau oscillators. Chaos, 2018, 28, 033109.	2.5	17
76	Theoretical analysis of piezoelectric energy harvesting system with impact under random excitation. International Journal of Non-Linear Mechanics, 2020, 119, 103322.	2.6	17
77	Bifurcations of traveling wave solutions for a generalized Sinh-Gordon equation. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 1048-1055.	3.3	16
78	Erosion of safe basins in a nonlinear oscillator under bounded noise excitation. Journal of Sound and Vibration, 2008, 313, 46-56.	3.9	16
79	Stochastic stationary responses of a viscoelastic system with impacts under additive Gaussian white noise excitation. Physica A: Statistical Mechanics and Its Applications, 2015, 431, 128-139.	2.6	16
80	Analysis of global properties for dynamical systems by a modified digraph cell mapping method. Chaos, Solitons and Fractals, 2018, 111, 206-212.	5.1	16
81	Some new advance on the research of stochastic non-smooth systems. Chinese Physics B, 2018, 27, 110503.	1.4	16
82	Controlling Bifurcations in Fractional-Delay Systems with Colored Noise. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850137.	1.7	16
83	Emergence of death islands in fractional-order oscillators via delayed coupling. Communications in Nonlinear Science and Numerical Simulation, 2019, 69, 168-175.	3.3	16
84	An averaging principle for fractional stochastic differential equations with LÃ©vy noise. Chaos, 2020, 30, 083126.	2.5	16
85	Effect of bounded noise on chaotic motion of a triple-well potential system. Chaos, Solitons and Fractals, 2005, 25, 415-424.	5.1	15
86	A general method for chaos synchronization and parameters estimation between different systems. Journal of Sound and Vibration, 2007, 302, 777-788.	3.9	15
87	Restoration of oscillation from conjugate-couplingâ€“induced amplitude death. Europhysics Letters, 2017, 118, 30005.	2.0	15
88	The response analysis of fractional-order stochastic system via generalized cell mapping method. Chaos, 2018, 28, 013118.	2.5	15
89	Reliability of electrostatically actuated MEMS resonators to random mass disturbance. Mechanical Systems and Signal Processing, 2019, 121, 711-724.	8.0	15
90	Reliability analysis of nonlinear vibro-impact systems with both randomly fluctuating restoring and damping terms. Communications in Nonlinear Science and Numerical Simulation, 2020, 82, 105087.	3.3	15

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91	An Averaging Principle for Stochastic Fractional Differential Equations Driven by fBm Involving Impulses. Fractal and Fractional, 2022, 6, 256.	3.3	15
92	Smooth and non-smooth travelling waves in a nonlinearly dispersive Boussinesq equation. Chaos, Solitons and Fractals, 2005, 23, 117-130.	5.1	14
93	Chaos synchronization of the energy resource system. Chaos, Solitons and Fractals, 2009, 40, 642-652.	5.1	14
94	Asymmetric non-Gaussian effects in a tumor growth model with immunization. Applied Mathematical Modelling, 2014, 38, 4428-4444.	4.2	14
95	Response analysis of nonlinear vibro-impact system coupled with viscoelastic force under colored noise excitations. International Journal of Non-Linear Mechanics, 2016, 86, 55-65.	2.6	14
96	Dynamic and first passage analysis of ship roll motion with inelastic impacts via path integration method. Nonlinear Dynamics, 2019, 97, 391-402.	5.2	14
97	Dynamical robustness and firing modes in multilayer memristive neural networks of nonidentical neurons. Applied Mathematics and Computation, 2021, 409, 126384.	2.2	14
98	Chaos controlling of extended nonlinear LiÃ©nard system based on the Melnikov theory. Applied Mathematics and Computation, 2006, 178, 405-414.	2.2	13
99	Robust synchronization of chaotic non-autonomous systems using adaptive-feedback control. Chaos, Solitons and Fractals, 2007, 31, 371-379.	5.1	13
100	Bifurcation analysis of a noisy vibro-impact oscillator with two kinds of fractional derivative elements. Chaos, 2018, 28, 043106.	2.5	13
101	An Averaging Principle For Stochastic Differential Equations Of Fractional Order 0 < Î± < 1. Fractional Calculus and Applied Analysis, 2020, 23, 908-919.	2.2	13
102	Beamâ€“beam interaction models under narrow-band random excitation. Physica A: Statistical Mechanics and Its Applications, 2005, 346, 372-386.	2.6	12
103	Travelling wave solutions for a class of the generalized Benjaminâ€“Bonaâ€“Mahoney equations. Applied Mathematics and Computation, 2007, 192, 507-519.	2.2	12
104	On stochastic complex beamâ€“beam interaction models with Gaussian colored noise. Physica A: Statistical Mechanics and Its Applications, 2007, 384, 259-272.	2.6	12
105	Stochastic time-delayed systems driven by correlated noises: Steady-state analysis. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 3017-3023.	2.6	12
106	Stochastic response of an axially moving viscoelastic beam with fractional order constitutive relation and random excitations. Acta Mechanica Sinica/Lixue Xuebao, 2013, 29, 443-451.	3.4	12
107	Stochastic responses of Duffingâ€”Van der Pol vibro-impact system under additive colored noise excitation. Chinese Physics B, 2013, 22, 110205.	1.4	12
108	Global Bifurcation Analysis of a Duffingâ€“Van der Pol Oscillator with Parametric Excitation. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450051.	1.7	12

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109	Taming stochastic bifurcations in fractional-order systems via noise and delayed feedback. Chaos, 2017, 27, 083102.	2.5	12
110	Global Invariant Manifolds of Dynamical Systems with the Compatible Cell Mapping Method. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950105.	1.7	12
111	Probabilistic response of dynamical systems based on the global attractor with the compatible cell mapping method. Physica A: Statistical Mechanics and Its Applications, 2019, 516, 509-519.	2.6	12
112	Probabilistic response of a fractional-order hybrid vibration energy harvester driven by random excitation. Chaos, 2021, 31, 013111.	2.5	12
113	The response of stochastic vibro-impact system calculated by a new path integration algorithm. Nonlinear Dynamics, 2021, 104, 289-296.	5.2	12
114	Bifurcations of traveling wave solutions for Zhiberâ€“Shabat equation. Nonlinear Analysis: Theory, Methods & Applications, 2007, 67, 648-656.	1.1	11
115	Nonstationary probability densities of a class of nonlinear system excited by external colored noise. Science China: Physics, Mechanics and Astronomy, 2012, 55, 477-482.	5.1	11
116	Response analysis of Rayleighâ€“Van der Pol vibroimpact system with inelastic impact under two parametric white-noise excitations. Nonlinear Dynamics, 2015, 82, 1797-1810.	5.2	11
117	The properties of the anti-tumor model with coupling non-Gaussian noise and Gaussian colored noise. Physica A: Statistical Mechanics and Its Applications, 2016, 449, 43-52.	2.6	11
118	Stochastic response and stability of system with friction and a rigid barrier. Mechanical Systems and Signal Processing, 2019, 132, 748-761.	8.0	11
119	Noise-induced vegetation transitions in the Grazing Ecosystem. Applied Mathematical Modelling, 2019, 76, 225-237.	4.2	11
120	Amplitude death islands in globally delay-coupled fractional-order oscillators. Nonlinear Dynamics, 2019, 95, 2093-2102.	5.2	11
121	The impact of thermal-noise on bifurcation MEMS sensors. Mechanical Systems and Signal Processing, 2021, 161, 107941.	8.0	11
122	Influences of time delay and noise on the chaotic motion of a bistable system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 352, 21-35.	2.1	10
123	Response of a stochastic Duffingâ€“Van der Pol elastic impact oscillator. Chaos, Solitons and Fractals, 2009, 41, 2075-2080.	5.1	10
124	STOCHASTIC BIFURCATION OF AN ASYMMETRIC SINGLE-WELL POTENTIAL DUFFING OSCILLATOR UNDER BOUNDED NOISE EXCITATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 3359-3371.	1.7	10
125	Stationary response analysis of vibro-impact system with a unilateral nonzero offset barrier and viscoelastic damping under random excitations. Nonlinear Dynamics, 2016, 86, 891-909.	5.2	10
126	Random vibrations of Rayleigh vibroimpact oscillator under Parametric Poisson white noise. Communications in Nonlinear Science and Numerical Simulation, 2016, 33, 19-29.	3.3	10

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127	Stochastic stationary response of a variable-mass system with mass disturbance described by Poisson white noise. Physica A: Statistical Mechanics and Its Applications, 2017, 473, 122-134.	2.6	10
128	The suppression of random parameter on the boundary crisis of the smooth and discontinuous oscillator system. Nonlinear Dynamics, 2018, 92, 1147-1156.	5.2	10
129	Response Analysis of van der Pol Vibro-Impact System with Coulomb Friction Under Gaussian White Noise. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1830043.	1.7	10
130	Time-Delayed Feedback Control in the Multiple Attractors Wind-Induced Vibration Energy Harvesting System. Complexity, 2019, 2019, 1-11.	1.6	10
131	First escape probability and mean first exit time for a time-delayed ecosystem driven by non-Gaussian colored noise. Chaos, Solitons and Fractals, 2020, 135, 109767.	5.1	10
132	Threshold dynamics and pulse control of a stochastic ecosystem with switching parameters. Journal of the Franklin Institute, 2021, 358, 516-532.	3.4	10
133	Stochastic P-bifurcation analysis of a class of nonlinear Markov jump systems under combined harmonic and random excitations. Physica A: Statistical Mechanics and Its Applications, 2021, 582, 126246.	2.6	10
134	Stochastic optimal control of first-passage failure for coupled Duffingâ€“van der Pol system under Gaussian white noise excitations. Chaos, Solitons and Fractals, 2005, 25, 1221-1228.	5.1	9
135	GENERATING CHAOTIC LIMIT CYCLES FOR A COMPLEX DUFFINGâ€“VAN DER POL SYSTEM USING A RANDOM PHASE. International Journal of Modern Physics C, 2005, 16, 1437-1447.	1.7	9
136	Estimating model parameters in nonautonomous chaotic systems using synchronization. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 378-388.	2.1	9
137	Symmetry-breaking bifurcation analysis of stochastic van der pol system via Chebyshev polynomial approximation. Communications in Nonlinear Science and Numerical Simulation, 2007, 12, 366-378.	3.3	9
138	Global analyses of crisis and stochastic bifurcation in the hardening Helmholtz-Duffing oscillator. Science China Technological Sciences, 2010, 53, 664-673.	4.0	9
139	Synchronization of chaotic dynamical network with unknown generally time-delayed couplings via a simple adaptive feedback control. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 413-420.	3.3	9
140	Bifurcations Induced in a Bistable Oscillator via Joint Noises and Time Delay. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650102.	1.7	9
141	Stochastic responses of a vibro-impact system with additive and multiplicative colored noise excitations. International Journal of Dynamics and Control, 2016, 4, 393-399.	2.5	9
142	Taming complexity in nonlinear dynamical systems by recycled signal. Science China Technological Sciences, 2016, 59, 403-410.	4.0	9
143	Stochastic response of Duffing-Van der Pol vibro-impact system with viscoelastic term under wide-band excitation. Chaos, Solitons and Fractals, 2017, 104, 748-757.	5.1	9
144	Stochastic stability of viscoelastic systems under Gaussian and Poisson white noise excitations. Nonlinear Dynamics, 2018, 93, 1579-1588.	5.2	9

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145	Detecting and measuring stochastic resonance in fractional-order systems via statistical complexity. Chaos, Solitons and Fractals, 2019, 125, 34-40.	5.1	9
146	An effective averaging theory for fractional neutral stochastic equations of order<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e155" altimg="si2.svg"><mml:mrow><mml:mn>0</mml:mn><mml:mo linebreak="goodbreak" linebreakstyle="after"><</mml:mo><mml:mi>Î±</mml:mi><mml:mo linebreak="goodbreak" linebreakstyle="after"><</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math>with Poisson jumps. Applied Mathematics Letters, 2020, 106, 106344.	2.7	9
147	Bifurcation method and traveling wave solution to Whithamâ€“Broerâ€“Kaup equation. Applied Mathematics and Computation, 2005, 171, 677-702.	2.2	8
148	Travelling wave solutions in a class of generalized Kortewegâ€“de Vries equationâ˜†. Chaos, Solitons and Fractals, 2007, 34, 1299-1306.	5.1	8
149	The effect of the random parameter on the basins and attractors of the elastic impact system. Nonlinear Dynamics, 2013, 71, 597-602.	5.2	8
150	Stochastic response analysis of noisy system with non-negative real-power restoring force by generalized cell mapping method. Applied Mathematics and Mechanics (English Edition), 2015, 36, 329-336.	3.6	8
151	Stochastic response of van der Pol oscillator with two kinds of fractional derivatives under Gaussian white noise excitation. Chinese Physics B, 2016, 25, 020201.	1.4	8
152	Bifurcation Analysis of a Vibro-Impact Viscoelastic Oscillator with Fractional Derivative Element. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850170.	1.7	8
153	Aging transition in mixed active and inactive fractional-order oscillators. Chaos, 2019, 29, 103150.	2.5	8
154	Stochastic Bifurcation of a Strongly Non-Linear Vibro-Impact System with Coulomb Friction under Real Noise. Symmetry, 2019, 11, 4.	2.2	8
155	Most probable dynamics of the tumor growth model with immune surveillance under cross-correlated noises. Physica A: Statistical Mechanics and Its Applications, 2020, 547, 123833.	2.6	8
156	Stochastic dynamic balance of a bi-stable vegetation model with pulse control. Physica A: Statistical Mechanics and Its Applications, 2020, 556, 124809.	2.6	8
157	Response of a vibro-impact energy harvesting system with bilateral rigid stoppers under Gaussian white noise. Applied Mathematical Modelling, 2021, 89, 991-1003.	4.2	8
158	The stochastic P-bifurcation analysis of the impact system via the most probable response. Chaos, Solitons and Fractals, 2021, 144, 110631.	5.1	8
159	Rhythmicity and firing modes in modular neuronal network under electromagnetic field. Nonlinear Dynamics, 2021, 104, 4391.	5.2	8
160	Bifurcation and basin stability of an SIR epidemic model with limited medical resources and switching noise. Chaos, Solitons and Fractals, 2021, 152, 111423.	5.1	8
161	Mean first-passage time in a bistable system driven by multiplicative and additive colored noises with colored cross-correlation. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 4220-4225.	3.3	7
162	Response of strongly nonlinear vibro-impact system with fractional derivative damping under Gaussian white noise excitation. Nonlinear Dynamics, 2016, 85, 1955-1964.	5.2	7

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163	Probabilistic responses of three-dimensional stochastic vibro-impact systems. Chaos, Solitons and Fractals, 2019, 126, 308-314.	5.1	7
164	Delay-induced transitions in the birhythmic biological model under joint noise sources. Physica A: Statistical Mechanics and Its Applications, 2019, 525, 337-348.	2.6	7
165	Bifurcation Analysis of an Energy Harvesting System with Fractional Order Damping Driven by Colored Noise. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, .	1.7	7
166	EFFECT OF GAUSSIAN WHITE NOISE ON THE DYNAMICAL BEHAVIORS OF AN EXTENDED DUFFINGâ€“VAN DER POL OSCILLATOR. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 2587-2600.	1.7	6
167	An algebraic method with computerized symbolic computation for the one-dimensional generalized BBM equation of any order. Chaos, Solitons and Fractals, 2007, 32, 1846-1852.	5.1	6
168	Numerical meshfree path integration method for non-linear dynamic systems. Applied Mathematics and Computation, 2008, 197, 426-434.	2.2	6
169	Stochastic resonance quantified by statistical complexity measures in a bistable system subject to colored noise. International Journal of Dynamics and Control, 2013, 1, 254-261.	2.5	6
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