Ling Hong

List of Publications by Year
in descending order

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44	676	623734	580821
papers	citations	14 h-index	25 g-index

45	45	45	285
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crises and chaotic transients studied by the generalized cell mapping digraph method. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 262, 361-375.	2.1	94
2	Bifurcations of fuzzy nonlinear dynamical systems. Communications in Nonlinear Science and Numerical Simulation, 2006, 11, 1-12.	3.3	93
3	Fractional-order complex T system: bifurcations, chaos control, and synchronization. Nonlinear Dynamics, 2014, 75, 589-602.	5.2	48
4	Hopf bifurcation analysis in a synaptically coupled FHN neuron model with delays. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 1873-1886.	3.3	38
5	DISCONTINUOUS BIFURCATIONS OF CHAOTIC ATTRACTORS IN FORCED OSCILLATORS BY GENERALIZED CELL MAPPING DIGRAPH (GCMD) METHOD. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2001, 11, 723-736.	1.7	35
6	The global responses characteristics of a rotor/stator rubbing system with dry friction effects. Journal of Sound and Vibration, 2011, 330, 2150-2160.	3.9	29
7	Title is missing!. Nonlinear Dynamics, 2003, 32, 371-385.	5.2	28
8	Global bifurcations in fractional-order chaotic systems with an extended generalized cell mapping method. Chaos, 2016, 26, 084304.	2.5	25
9	Codimension two bifurcations of nonlinear systems driven by fuzzy noise. Physica D: Nonlinear Phenomena, 2006, 213, 181-189.	2.8	24
10	Transient Behaviors in Noise-Induced Bifurcations Captured by Generalized Cell Mapping Method with an Evolving Probabilistic Vector. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550109.	1.7	21
11	Noise-induced transition in a piecewise smooth system by generalized cell mapping method with evolving probabilistic vector. Nonlinear Dynamics, 2017, 88, 1473-1485.	5.2	19
12	Global dynamics of fractional-order systems with an extended generalized cell mapping method. Nonlinear Dynamics, 2016, 83, 1419-1428.	5.2	18
13	Characteristics of dry friction backward whirlâ€”A self-excited oscillation in rotor-to-stator contact systems. Science China Technological Sciences, 2010, 53, 674-683.	4.0	17
14	Bifurcations of forced oscillators with fuzzy uncertainties by the generalized cell mapping method. Chaos, Solitons and Fractals, 2006, 27, 895-904.	5.1	16
15	Random vibration analysis with radial basis function neural networks. International Journal of Dynamics and Control, 2022, 10, 1385-1394.	2.5	16
16	BIFURCATIONS OF A FORCED DUFFING OSCILLATOR IN THE PRESENCE OF FUZZY NOISE BY THE GENERALIZED CELL MAPPING METHOD. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 3043-3051.	1.7	14
17	Studying the Global Bifurcation Involving Wada Boundary Metamorphosis by a Method of Generalized Cell Mapping with Sampling-Adaptive Interpolation. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1830003.	1.7	13
18	A chaotic crisis between chaotic saddle and attractor in forced Duffing oscillators. Communications in Nonlinear Science and Numerical Simulation, 2004, 9, 313-329.	3.3	12

#	Article	IF	Citations
19	On the Data-Driven Generalized Cell Mapping Method. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950204.	1.7	11
20	Characteristics of stick-slip oscillations in dry friction backward whirl of piecewise smooth rotor/stator rubbing systems. Mechanical Systems and Signal Processing, 2020, 135, 106387.	8.0	11
21	Fuzzy Responses and Bifurcations of a Forced Duffing Oscillator with a Triple-Well Potential. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550005.	1.7	9
22	Wada boundary bifurcations induced by boundary saddleâ€“saddle collision. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 170-175.	2.1	8
23	A subdomain synthesis method for global analysis of nonlinear dynamical systems based on cell mapping. Nonlinear Dynamics, 2019, 95, 715-726.	5.2	8
24	A robust and efficient stability analysis of periodic solutions based on harmonic balance method and Floquet-Hill formulation. Mechanical Systems and Signal Processing, 2022, 173, 109057.	8.0	8
25	A fuzzy blue sky catastrophe. Nonlinear Dynamics, 2009, 55, 261-267.	5.2	7
26	Response analysis of fuzzy nonlinear dynamical systems. Nonlinear Dynamics, 2014, 78, 1221-1232.	5.2	7
27	Global dynamic analysis of the North Pacific Ocean by data-driven generalized cell mapping method. International Journal of Dynamics and Control, 2020, 8, 1141-1146.	2.5	7
28	A HYPERCHAOTIC CRISIS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 1193-1200.	1.7	6
29	CHAOS AND ADAPTIVE SYNCHRONIZATIONS IN FRACTIONAL-ORDER SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350175.	1.7	6
30	Bifurcations of a New Fractional-Order System with a One-Scroll Chaotic Attractor. Discrete Dynamics in Nature and Society, 2019, 2019, 1-15.	0.9	5
31	Double crises in fuzzy chaotic systems. International Journal of Dynamics and Control, 2013, 1, 32-40.	2.5	4
32	Hopf Bifurcations of a Stochastic Fractional-Order Van der Pol System. Abstract and Applied Analysis, 2014, 2014, 1-10.	0.7	3
33	A subspace expanding technique for global zero finding of multi-degree-of-freedom nonlinear systems. Applied Mathematics and Mechanics (English Edition), 2020, 41, 769-784.	3.6	3
34	The Influence of the Cross-Coupling Effects on the Dynamics of Rotor/Stator Rubbing. , 2010, , 121-132.		3
35	The Birth of a Hidden Attractor Through Boundary Crisis. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	1.7	3
36	Study on Critical Conditions and Transient Behavior in Noise-Induced Bifurcations. Understanding Complex Systems, 2016, , 169-187.	0.6	2

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37	Fuzzy Noise-Induced Codimension-Two Bifurcations Captured by Fuzzy Generalized Cell Mapping with Adaptive Interpolation. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950151.	1.7	2
38	Synchronization precision analysis of a fractional-order hyperchaos with application to image encryption. AIP Advances, 2020, 10, 105316.	1.3	1
39	Enhancing subdivision technique with an adaptive interpolation sampling method for global attractors of nonlinear dynamical systems. International Journal of Dynamics and Control, 2020, 8, 1147-1160.	2.5	1
40	Response Analysis of a Forced Duffing Oscillator with Fuzzy Uncertainty. Advances in Intelligent Systems and Computing, 2014, , 3-13.	0.6	1
41	Adaptive Synchronization of a Fractional-Order Complex T System With a Random Parameter. , 2015, , .		0
42	A Fractional-Order Discrete Noninvertible Map of Cubic Type: Dynamics, Control, and Synchronization. Complexity, 2020, 2020, 1-21.	1.6	0
43	A fuzzy blue sky catastrophe. , 2006, , .		0
44	An Adaptive Sub-Cells Interpolation Method to Enhance Computational Efficiency for Global Attractors of Nonlinear Dynamical Systems. , 2022, , 673-682.		0