

# Ling Hong

## List of Publications by Year in descending order

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44  
papers

676  
citations

623734

14  
h-index

580821

25  
g-index

45  
all docs

45  
docs citations

45  
times ranked

285  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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         |
| 2  | 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         |
| 3  | An Adaptive Sub-Cells Interpolation Method to Enhance Computational Efficiency for Global Attractors of Nonlinear Dynamical Systems. , 2022, , 673-682.  |     | 0         |
| 4  | Random vibration analysis with radial basis function neural networks. International Journal of Dynamics and Control, 2022, 10, 1385-1394.  | 2.5 | 16        |
| 5  | 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        |
| 6  | Synchronization precision analysis of a fractional-order hyperchaos with application to image encryption. AIP Advances, 2020, 10, 105316.  | 1.3 | 1         |
| 7  | 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         |
| 8  | 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         |
| 9  | A Fractional-Order Discrete Noninvertible Map of Cubic Type: Dynamics, Control, and Synchronization. Complexity, 2020, 2020, 1-21.   | 1.6 | 0         |
| 10 | 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         |
| 11 | 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         |
| 12 | 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        |
| 13 | 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         |
| 14 | Wada boundary bifurcations induced by boundary saddle-saddle collision. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 170-175.   | 2.1 | 8         |
| 15 | A subdomain synthesis method for global analysis of nonlinear dynamical systems based on cell mapping. Nonlinear Dynamics, 2019, 95, 715-726.  | 5.2 | 8         |
| 16 | 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        |
| 17 | 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        |
| 18 | Global bifurcations in fractional-order chaotic systems with an extended generalized cell mapping method. Chaos, 2016, 26, 084304.   | 2.5 | 25        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Study on Critical Conditions and Transient Behavior in Noise-Induced Bifurcations. Understanding Complex Systems, 2016, , 169-187.  | 0.6 | 2         |
| 20 | Global dynamics of fractional-order systems with an extended generalized cell mapping method. Nonlinear Dynamics, 2016, 83, 1419-1428.  | 5.2 | 18        |
| 21 | 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        |
| 22 | Adaptive Synchronization of a Fractional-Order Complex T System With a Random Parameter. , 2015, , .  |     | 0         |
| 23 | 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         |
| 24 | Hopf Bifurcations of a Stochastic Fractional-Order Van der Pol System. Abstract and Applied Analysis, 2014, 2014, 1-10.   | 0.7 | 3         |
| 25 | Fractional-order complex T system: bifurcations, chaos control, and synchronization. Nonlinear Dynamics, 2014, 75, 589-602.   | 5.2 | 48        |
| 26 | Response analysis of fuzzy nonlinear dynamical systems. Nonlinear Dynamics, 2014, 78, 1221-1232.  | 5.2 | 7         |
| 27 | Response Analysis of a Forced Duffing Oscillator with Fuzzy Uncertainty. Advances in Intelligent Systems and Computing, 2014, , 3-13.   | 0.6 | 1         |
| 28 | Double crises in fuzzy chaotic systems. International Journal of Dynamics and Control, 2013, 1, 32-40.  | 2.5 | 4         |
| 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 | 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        |
| 31 | 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        |
| 32 | 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        |
| 33 | A HYPERCHAOTIC CRISIS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 1193-1200.   | 1.7 | 6         |
| 34 | The Influence of the Cross-Coupling Effects on the Dynamics of Rotor/Stator Rubbing. , 2010, , 121-132.   |     | 3         |
| 35 | A fuzzy blue sky catastrophe. Nonlinear Dynamics, 2009, 55, 261-267.  | 5.2 | 7         |
| 36 | Bifurcations of fuzzy nonlinear dynamical systems. Communications in Nonlinear Science and Numerical Simulation, 2006, 11, 1-12.  | 3.3 | 93        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Codimension two bifurcations of nonlinear systems driven by fuzzy noise. Physica D: Nonlinear Phenomena, 2006, 213, 181-189.   | 2.8 | 24        |
| 38 | Bifurcations of forced oscillators with fuzzy uncertainties by the generalized cell mapping method. Chaos, Solitons and Fractals, 2006, 27, 895-904.   | 5.1 | 16        |
| 39 | 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        |
| 40 | A fuzzy blue sky catastrophe. , 2006, , .  |     | 0         |
| 41 | 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        |
| 42 | Title is missing!. Nonlinear Dynamics, 2003, 32, 371-385.  | 5.2 | 28        |
| 43 | 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        |
| 44 | 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        |