

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

170
citations

7
h-index

12
g-index

36
ext. papers

214
ext. citations

2
avg, IF

3.29
L-index

#	Paper	IF	Citations
29	Stability and Bifurcation Analysis of a Nonlinear Rotating Cantilever Plate System. <i>Symmetry</i> , 2022 , 14, 629	2.7	
28	Bursting oscillation phenomenon and efficiency analysis of a piezoelectric energy harvester in rotational motion by low-frequency excitation. <i>European Physical Journal Plus</i> , 2022 , 137, 1	3.1	1
27	Relaxation Oscillations and Dynamical Properties in a Time Delay SlowFast PredatorPrey Model with a Piecewise Smooth Functional Response. <i>Mathematics</i> , 2022 , 10, 1498	2.3	
26	Research on multi-valued response and bursting oscillation of series multi-stable piezoelectric energy harvester. <i>European Physical Journal Plus</i> , 2022 , 137, 1	3.1	3
25	Fast-Slow Coupling Dynamics Behavior of the van der Pol-Rayleigh System. <i>Mathematics</i> , 2021 , 9, 3004	2.3	0
24	Stability Switches and Double Hopf Bifurcation Analysis on Two-Degree-of-Freedom Coupled Delay van der Pol Oscillator. <i>Mathematics</i> , 2021 , 9, 2444	2.3	0
23	Bending-torsion coupling bursting oscillation of a sandwich conical panel under parametric excitation. <i>Journal of Sound and Vibration</i> , 2021 , 495, 115904	3.9	5
22	Bursting Oscillation and Its Mechanism of a Generalized DuffingVan der Pol System with Periodic Excitation. <i>Complexity</i> , 2021 , 2021, 1-13	1.6	6
21	Mixed-Mode Oscillation in a Class of Delayed Feedback System and Multistability Dynamic Response. <i>Complexity</i> , 2020 , 2020, 1-18	1.6	3
20	Relaxation Oscillations and Dynamical Properties in Two Time-Delay Slow-Fast Modified Leslie-Gower Models. <i>Complexity</i> , 2020 , 2020, 1-11	1.6	1
19	Periodic solutions of delay nonlinear system by multi-frequency homotopy analysis method. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2019 , 38, 1439-1454	1.5	2
18	Weakly resonant double Hopf bifurcation in coupled nonlinear systems with delayed feedback and application of homotopy analysis method. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2019 , 38, 1651-1675	1.5	2
17	Study on a Multi-Frequency Homotopy Analysis Method for Period-Doubling Solutions of Nonlinear Systems. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850049	2.049	4
16	FastSlow Dynamics Analysis of a Coupled Duffing System with Periodic Excitation. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850148	2	10
15	Research for Coupled van der Pol Systems with Parametric Excitation and Its Application. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2017 , 72, 1009-1020	1.4	2
14	The Spreading Residue Harmonic Balance Method for Strongly Nonlinear Vibrations of a Restrained Cantilever Beam. <i>Advances in Mathematical Physics</i> , 2017 , 2017, 1-8	1.1	7
13	A refined asymptotic perturbation method for nonlinear dynamical systems. <i>Archive of Applied Mechanics</i> , 2014 , 84, 591-606	2.2	6

12	Construction of Approximate Analytical Solutions to Strongly Nonlinear Coupled van der Pol Oscillators. <i>Advances in Mechanical Engineering</i> , 2014 , 6, 817570	1.2	
11	Application of Extended Homotopy Analysis Method to the Two-Degree-of-Freedom Coupled van der Pol-Duffing Oscillator. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-7	0.7	1
10	Normal Form for High-Dimensional Nonlinear System and Its Application to a Viscoelastic Moving Belt. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-11	0.7	1
9	Homotopy analysis method for homoclinic orbit of a buckled thin plate system. <i>Acta Mechanica</i> , 2014 , 225, 373-381	2.1	3
8	A non-probabilistic structural reliability analysis method based on a multidimensional parallelepiped convex model. <i>Acta Mechanica</i> , 2014 , 225, 383-395	2.1	55
7	Asymptotic analytical solutions of the two-degree-of-freedom strongly nonlinear van der Pol oscillators with cubic couple terms using extended homotopy analysis method. <i>Acta Mechanica</i> , 2012 , 223, 237-255	2.1	7
6	Extended homotopy analysis method for multi-degree-of-freedom non-autonomous nonlinear dynamical systems and its application. <i>Acta Mechanica</i> , 2012 , 223, 2537-2548	2.1	6
5	Study on asymptotic analytical solutions using HAM for strongly nonlinear vibrations of a restrained cantilever beam with an intermediate lumped mass. <i>Numerical Algorithms</i> , 2011 , 58, 293-314	2.1	13
4	Periodic solutions of multi-degree-of-freedom strongly nonlinear coupled van der Pol oscillators by homotopy analysis method. <i>Acta Mechanica</i> , 2011 , 217, 269-285	2.1	6
3	Analytical approximate periodic solutions for two-degree-of-freedom coupled van der Pol-Duffing oscillators by extended homotopy analysis method. <i>Acta Mechanica</i> , 2011 , 219, 1-14	2.1	8
2	Accurate approximate analytical solutions for multi-degree-of-freedom coupled van der Pol-Duffing oscillators by homotopy analysis method. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010 , 15, 3113-3130	3.7	17
1	Bursting oscillation and its mechanism of the flow-induced vibration piezoelectric energy harvester with magnets by low-frequency excitation. <i>European Physical Journal: Special Topics</i> , 2010 , 177, 1-10	2.3	1