Y H Qian

List of Publications by Citations

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	A non-probabilistic structural reliability analysis method based on a multidimensional parallelepiped convex model. *Acta Mechanica*, **2014**, 225, 383-395	2.1	55
28	Accurate approximate analytical solutions for multi-degree-of-freedom coupled van der Pol-Duffing oscillators by homotopy analysis method. *Communications in Nonlinear Science and Numerical Simulation*, **2010**, 15, 3113-3130	3.7	17
27	Study on asymptotic analytical solutions using HAM for strongly nonlinear vibrations of a restrained cantilever beam with an intermediate lumped mass. *Numerical Algorithms*, **2011**, 58, 293-314	2.1	13
26	Fast-Slow Dynamics Analysis of a Coupled Duffing System with Periodic Excitation. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2018**, 28, 1850148	2	10
25	Analytical approximate periodic solutions for two-degree-of-freedom coupled van der Pol-Duffing oscillators by extended homotopy analysis method. *Acta Mechanica*, **2011**, 219, 1-14	2.1	8
24	The Spreading Residue Harmonic Balance Method for Strongly Nonlinear Vibrations of a Restrained Cantilever Beam. *Advances in Mathematical Physics*, **2017**, 2017, 1-8	1.1	7
23	Asymptotic analytical solutions of the two-degree-of-freedom strongly nonlinear van der Pol oscillators with cubic couple terms using extended homotopy analysis method. *Acta Mechanica*, **2012**, 223, 237-255	2.1	7
22	A refined asymptotic perturbation method for nonlinear dynamical systems. *Archive of Applied Mechanics*, **2014**, 84, 591-606	2.2	6
21	Extended homotopy analysis method for multi-degree-of-freedom non-autonomous nonlinear dynamical systems and its application. *Acta Mechanica*, **2012**, 223, 2537-2548	2.1	6
20	Periodic solutions of multi-degree-of-freedom strongly nonlinear coupled van der Pol oscillators by homotopy analysis method. *Acta Mechanica*, **2011**, 217, 269-285	2.1	6
19	Bursting Oscillation and Its Mechanism of a Generalized Duffing-Van der Pol System with Periodic Excitation. *Complexity*, **2021**, 2021, 1-13	1.6	6
18	Bending-torsion coupling bursting oscillation of a sandwich conical panel under parametric excitation. *Journal of Sound and Vibration*, **2021**, 495, 115904	3.9	5
17	Study on a Multi-Frequency Homotopy Analysis Method for Period-Doubling Solutions of Nonlinear Systems. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2018**, 28, 1850049	2	4
16	Mixed-Mode Oscillation in a Class of Delayed Feedback System and Multistability Dynamic Response. *Complexity*, **2020**, 2020, 1-18	1.6	3
15	Homotopy analysis method for homoclinic orbit of a buckled thin plate system. *Acta Mechanica*, **2014**, 225, 373-381	2.1	3
14	Research on multi-valued response and bursting oscillation of series multi-stable piezoelectric energy harvester. *European Physical Journal Plus*, **2022**, 137, 1	3.1	3
13	Research for Coupled van der Pol Systems with Parametric Excitation and Its Application. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2017**, 72, 1009-1020	1.4	2

LIST OF PUBLICATIONS

12	Periodic solutions of delay nonlinear system by multi-frequency homotopy analysis method. *Journal of Low Frequency Noise Vibration and Active Control*, **2019**, 38, 1439-1454	1.5	2
11	Weakly resonant double Hopf bifurcation in coupled nonlinear systems with delayed freedback and application of homotopy analysis method. *Journal of Low Frequency Noise Vibration and Active Control*, **2019**, 38, 1651-1675	1.5	2
10	Application of Extended Homotopy Analysis Method to the Two-Degree-of-Freedom Coupled van der Pol-Duffing Oscillator. *Abstract and Applied Analysis*, **2014**, 2014, 1-7	0.7	1
9	Normal Form for High-Dimensional Nonlinear System and Its Application to a Viscoelastic Moving Belt. *Abstract and Applied Analysis*, **2014**, 2014, 1-11	0.7	1
8	Relaxation Oscillations and Dynamical Properties in Two Time-Delay Slow-Fast Modified Leslie-Gower Models. *Complexity*, **2020**, 2020, 1-11	1.6	1
7	Bursting oscillation and its mechanism of the flow-induced vibration piezoelectric energy harvester with magnets by low-frequency excitation. *European Physical Journal: Special Topics*,1	2.3	1
6	Bursting oscillation phenomenon and efficiency analysis of a piezoelectric energy harvester in rotational motion by low-frequency excitation. *European Physical Journal Plus*, **2022**, 137, 1	3.1	1
5	Fast-Slow Coupling Dynamics Behavior of the van der Pol-Rayleigh System. *Mathematics*, **2021**, 9, 3004	2.3	0
4	Stability Switches and Double Hopf Bifurcation Analysis on Two-Degree-of-Freedom Coupled Delay van der Pol Oscillator. *Mathematics*, **2021**, 9, 2444	2.3	0
3	Construction of Approximate Analytical Solutions to Strongly Nonlinear Coupled van der Pol Oscillators. *Advances in Mechanical Engineering*, **2014**, 6, 817570	1.2	
2	Stability and Bifurcation Analysis of a Nonlinear Rotating Cantilever Plate System. *Symmetry*, **2022**, 14, 629	2.7	
1	Relaxation Oscillations and Dynamical Properties in a Time Delay Slow-Fast Predator-Prey Model with a Piecewise Smooth Functional Response. *Mathematics*, **2022**, 10, 1498	2.3	