

# Minghui Yao

## List of Publications by Year in descending order

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26  
papers

924  
citations

471061

17  
h-index

610482

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear transient responses of rotating twisted FGM cylindrical panels. <i>Science China Technological Sciences</i> , 2021, 64, 317-330.	2.0	12
2	Bifurcation and dynamic behavior analysis of a rotating cantilever plate in subsonic airflow. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2020, 41, 1861-1880.	1.9	11
3	Linear Vibration of the Rotary Plate Under Combined Excitations in Subsonic Airflow. <i>International Journal of Applied Mechanics</i> , 2020, 12, 2050088.	1.3	1
4	Nonlinear dynamic responses of rotating pretwisted cylindrical shells. <i>Nonlinear Dynamics</i> , 2019, 95, 151-174.	2.7	51
5	Study on power generations and dynamic responses of the bistable straight beam and the bistable L-shaped beam. <i>Science China Technological Sciences</i> , 2018, 61, 1404-1416.	2.0	25
6	Vibration of functionally graded sandwich doubly curved shells using improved shear deformation theory. <i>Science China Technological Sciences</i> , 2018, 61, 791-808.	2.0	33
7	Nonlinear Dynamics of the High-Speed Rotating Plate. <i>International Journal of Aerospace Engineering</i> , 2018, 2018, 1-23.	0.5	23
8	Free vibration analysis of a pre-twisted sandwich blade with thermal barrier coatings layers. <i>Science China Technological Sciences</i> , 2017, 60, 1747-1761.	2.0	55
9	Parametric study on nonlinear vibration of composite truss core sandwich plate with internal resonance. <i>Journal of Mechanical Science and Technology</i> , 2016, 30, 4133-4142.	0.7	21
10	Hidden Attractors and Dynamical Behaviors in an Extended Rikitake System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015, 25, 1550028.	0.7	90
11	On the periodic orbit bifurcating from one single non-hyperbolic equilibrium in a chaotic jerk system. <i>Nonlinear Dynamics</i> , 2015, 82, 1251-1258.	2.7	73
12	Study of hidden attractors, multiple limit cycles from Hopf bifurcation and boundedness of motion in the generalized hyperchaotic Rabinovich system. <i>Nonlinear Dynamics</i> , 2015, 82, 131-141.	2.7	120
13	Modeling and Chaotic Dynamics of the Laminated Composite Piezoelectric Rectangular Plate. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-19.	0.6	6
14	Multi-pulse chaotic motions of high-dimension nonlinear system for a laminated composite piezoelectric rectangular plate. <i>Meccanica</i> , 2014, 49, 365-392.	1.2	22
15	Multi-pulse homoclinic orbits and chaotic dynamics of a parametrically excited nonlinear nano-oscillator with coupled cubic nonlinearities. <i>Science China: Physics, Mechanics and Astronomy</i> , 2014, 57, 1098-1110.	2.0	4
16	MULTI-PULSE HETEROCLINIC ORBITS AND CHAOTIC MOTIONS IN A PARAMETRICALLY EXCITED VISCOELASTIC MOVING BELT. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2013, 23, 1350001.	0.7	10
17	Multipulse Heteroclinic Orbits and Chaotic Dynamics of the Laminated Composite Piezoelectric Rectangular Plate. <i>Discrete Dynamics in Nature and Society</i> , 2013, 2013, 1-27.	0.5	5
18	Multi-pulse chaotic dynamics in non-planar motion of parametrically excited viscoelastic moving belt. <i>Journal of Sound and Vibration</i> , 2012, 331, 2624-2653.	2.1	94

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19	Multi-pulse orbits dynamics of composite laminated piezoelectric rectangular plate. Science China Technological Sciences, 2011, 54, 2064-2079.	2.0	21
20	Computation of the simplest normal form for the singularity of two non-semisimple double zero eigenvalues. , 2011, , .		0
21	Nonlinear dynamics of angle-ply composite laminated thin plate with third-order shear deformation. Science China Technological Sciences, 2010, 53, 612-622.	2.0	22
22	Periodic and chaotic dynamics of composite laminated piezoelectric rectangular plate with one-to-two internal resonance. Science in China Series D: Earth Sciences, 2009, 52, 731-742.	0.9	63
23	Higher-dimensional chaotic dynamics of a composite laminated piezoelectric rectangular plate. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1989-2000.	0.2	27
24	New Family of Combined Iterative Methods for Solving Nonlinear Equations. , 2009, , .		0
25	Global Bifurcations and Chaotic Dynamics in Nonlinear Nonplanar Oscillations of a Parametrically Excited Cantilever Beam. Nonlinear Dynamics, 2005, 40, 251-279.	2.7	97
26	MULTIPULSE SHILNIKOV ORBITS AND CHAOTIC DYNAMICS FOR NONLINEAR NONPLANAR MOTION OF A CANTILEVER BEAM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2005, 15, 3923-3952.	0.7	38