

# Ying Hui Li

## List of Publications by Year in descending order

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57  
papers

1,543  
citations

257357

24  
h-index

315616

38  
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57  
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57  
docs citations

57  
times ranked

669  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear dynamics of fluid-conveying composite pipes subjected to time-varying axial tension in sub- and super-critical regimes. <i>Applied Mathematical Modelling</i> , 2022, 101, 632-653.	2.2	34
2	Analytical solutions of the forced vibration of Timoshenko micro/nano-beam under axial tensions supported on Winkler–Pasternak foundation. <i>European Physical Journal Plus</i> , 2022, 137, 1.	1.2	3
3	Flow-induced buckling and post-buckling vibration characteristics of composite pipes in thermal environment. <i>Ocean Engineering</i> , 2022, 243, 110267.	1.9	21
4	Nonlinear primary resonance behaviors of rotating FG-CNTRC beams with geometric imperfections. <i>Aerospace Science and Technology</i> , 2022, 121, 107333.	2.5	19
5	Free Vibration, Buckling and Dynamical Stability of Timoshenko Micro/Nano-Beam Supported on Winkler-Pasternak Foundation Under a Follower Axial Load. <i>International Journal of Structural Stability and Dynamics</i> , 2022, 22, .	1.5	5
6	Stability and Modal Conversion Phenomenon of Pipe-In-Pipe Structures with Arbitrary Boundary Conditions by Means of Green’s Functions. <i>International Journal of Structural Stability and Dynamics</i> , 2022, 22, .	1.5	4
7	Stability and nonlinear vibration analysis of fluid-conveying composite pipes with elastic boundary conditions. <i>Thin-Walled Structures</i> , 2022, 179, 109597.	2.7	15
8	Analytical solutions of nonlocal forced vibration of a functionally graded double-nanobeam system interconnected by a viscoelastic layer. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2022, 77, 851-873.	0.7	3
9	Nonlinear vibration of a deploying laminated Rayleigh beam with a spinning motion in hygrothermal environment. <i>Engineering With Computers</i> , 2021, 37, 3825-3841.	3.5	15
10	In-Line and Cross-Flow Coupling Vibration Response Characteristics of a Marine Viscoelastic Riser Subjected to Two-Phase Internal Flow. <i>Shock and Vibration</i> , 2021, 2021, 1-27.	0.3	2
11	Vibration and symmetric thermal buckling of asymmetric annular sandwich plates with piezoelectric/GPLRC layers rested on foundation. <i>Aerospace Science and Technology</i> , 2021, 110, 106495.	2.5	43
12	A 6-DOF micro-vibration isolation platform based on the quasi-zero-stiffness isolator. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 6019-6035.	1.1	7
13	Vibration characteristics and stable region of a parabolic FGM thin-walled beam with axial and spinning motion. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2021, 76, 787-798.	0.7	1
14	Dynamic stability analysis for rotating pre-twisted FG-CNTRC beams with geometric imperfections restrained by an elastic root in thermal environment. <i>Thin-Walled Structures</i> , 2021, 164, 107902.	2.7	24
15	Harmonic resonances of graphene-reinforced nonlinear cylindrical shells: effects of spinning motion and thermal environment. <i>Nonlinear Dynamics</i> , 2020, 99, 981-1000.	2.7	64
16	Dynamic characteristics and stability of pipe-in-pipe system conveying two-phase flow in thermal environment. <i>Applied Ocean Research</i> , 2020, 103, 102333.	1.8	27
17	Nonlinear free and forced vibrations of porous functionally graded pipes conveying fluid and resting on nonlinear elastic foundation. <i>Composite Structures</i> , 2020, 252, 112672.	3.1	53
18	Linear and nonlinear frequency analyses for the rotating diaphragm of the coupling. <i>Mechanics Based Design of Structures and Machines</i> , 2020, , 1-13.	3.4	1

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19	A modified method for elastic properties of nanowires based on surface effect. <i>Nanotechnology</i> , 2020, 31, 355701.	1.3	4
20	Buckling of piezoelectric sandwich microplates with arbitrary in-plane BCs rested on foundation: effect of hygro-thermo-electro-elastic field. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	11
21	Active control of dynamic behaviors of graded graphene reinforced cylindrical shells with piezoelectric actuator/sensor layers. <i>Applied Mathematical Modelling</i> , 2020, 82, 252-270.	2.2	62
22	Forced vibration analysis of multi-cracked Timoshenko beam with the inclusion of damping by virtue of Green's functions. <i>Applied Acoustics</i> , 2019, 155, 477-491.	1.7	14
23	The Deflection of Rotating Composite Tapered Beams with an Elastically Restrained Root in Hygrothermal Environment. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2019, 74, 849-859.	0.7	3
24	Nonlinear resonant behaviors of bi-directional functionally graded material microbeams: One-/two-parameter bifurcation analyses. <i>Composite Structures</i> , 2019, 223, 110896.	3.1	29
25	Stability analysis of cantilever carbon nanotubes subjected to partially distributed tangential force and viscoelastic foundation. <i>Applied Mathematical Modelling</i> , 2019, 73, 190-209.	2.2	25
26	Analytical prediction of the impact response of graphene reinforced spinning cylindrical shells under axial and thermal loads. <i>Applied Mathematical Modelling</i> , 2019, 71, 331-348.	2.2	72
27	Free vibration, buckling and dynamic stability of bi-directional FG microbeam with a variable length scale parameter embedded in elastic medium. <i>Applied Mathematical Modelling</i> , 2019, 67, 430-448.	2.2	60
28	Vibration characteristics of a rotating composite laminated cylindrical shell in subsonic air flow and hygrothermal environment. <i>International Journal of Mechanical Sciences</i> , 2019, 150, 356-368.	3.6	41
29	Closed-form solutions for vibrations of a magneto-electro-elastic beam with variable cross section by means of Green's functions. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 82-99.	1.4	5
30	Static and dynamic analysis of the postbuckling of bi-directional functionally graded material microbeams. <i>International Journal of Mechanical Sciences</i> , 2019, 151, 424-443.	3.6	69
31	Vibration analysis of deploying laminated beams with generalized boundary conditions in hygrothermal environment. <i>Composite Structures</i> , 2019, 207, 665-676.	3.1	12
32	Parametric resonance of a FG cylindrical thin shell with periodic rotating angular speeds in thermal environment. <i>Applied Mathematical Modelling</i> , 2018, 59, 393-409.	2.2	44
33	Vibration characteristics of functionally graded graphene reinforced porous nanocomposite cylindrical shells with spinning motion. <i>Composites Part B: Engineering</i> , 2018, 145, 1-13.	5.9	235
34	Nonlinear forced vibration and stability of an axially moving viscoelastic sandwich beam. <i>International Journal of Mechanical Sciences</i> , 2018, 138-139, 131-145.	3.6	39
35	Size-dependent post-buckling behaviors of geometrically imperfect microbeams. <i>Mechanics Research Communications</i> , 2018, 88, 25-33.	1.0	56
36	Non-linearly parametric resonances of an axially moving viscoelastic sandwich beam with time-dependent velocity. <i>Applied Mathematical Modelling</i> , 2018, 53, 83-105.	2.2	31

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37	Parametric Instability of a Rotating Axially Loaded FG Cylindrical Thin Shell Under Both Axial Disturbances and Thermal Effects. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2018, 73, 1105-1119.	0.7	2
38	Nonlinear dynamics of a viscoelastic sandwich beam with parametric excitations and internal resonance. <i>Nonlinear Dynamics</i> , 2018, 94, 2575-2612.	2.7	27
39	An analytical formulation for postbuckling and buckling vibration of micro-scale laminated composite beams considering hygrothermal effect. <i>Composite Structures</i> , 2017, 170, 11-25.	3.1	21
40	A unified nonlinear analytical solution of bending, buckling and vibration for the temperature-dependent FG rectangular plates subjected to thermal load. <i>Composite Structures</i> , 2017, 159, 689-701.	3.1	33
41	Analysis of Coupled Vibration Characteristics of Wind Turbine Blade Based on Green's Functions. <i>Acta Mechanica Solida Sinica</i> , 2016, 29, 620-630.	1.0	15
42	Flapwise free vibration characteristics of a rotating composite thin-walled beam under aerodynamic force and hygrothermal environment. <i>Composite Structures</i> , 2016, 153, 490-503.	3.1	36
43	Free Vibration Analysis for Cracked FGM Beams by Means of a Continuous Beam Model. <i>Shock and Vibration</i> , 2015, 2015, 1-13.	0.3	9
44	Analytical solutions for the coupled thermoelastic vibrations of Timoshenko beams by means of Green's functions. <i>International Journal of Mechanical Sciences</i> , 2015, 100, 50-67.	3.6	19
45	Nonlinear internal resonance of functionally graded cylindrical shells using the Hamiltonian dynamics. <i>Acta Mechanica Solida Sinica</i> , 2014, 27, 635-647.	1.0	15
46	Flapwise vibration analysis of a rotating composite beam under hygrothermal environment. <i>Composite Structures</i> , 2014, 117, 201-211.	3.1	31
47	Transverse vibration of viscoelastic sandwich beam with time-dependent axial tension and axially varying moving velocity. <i>Applied Mathematical Modelling</i> , 2014, 38, 2558-2585.	2.2	40
48	Nonlinear forced vibration of functionally graded cylindrical thin shells. <i>Thin-Walled Structures</i> , 2014, 78, 26-36.	2.7	70
49	Dynamic characteristics of lag vibration of a wind turbine blade. <i>Acta Mechanica Solida Sinica</i> , 2013, 26, 592-602.	1.0	16
50	Nonlinear resonance behavior of functionally graded cylindrical shells in thermal environments. <i>Composite Structures</i> , 2013, 102, 164-174.	3.1	45
51	Coupled Thermoelastic Vibration of the Axially Moving Sandwich Beam. <i>Applied Mechanics and Materials</i> , 2013, 312, 301-306.	0.2	0
52	Computation Method on Fatigue Life of a Full Composite Wind Turbine Blade. , 2010, , .		2
53	Lateral Bifurcation Behavior of a Four-Axle Railway Passenger Car. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2010, 77, .	1.1	5
54	Bifurcation and chaos of a shape memory alloy supporter. , 2008, , .		0

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55	Effect of External Magnetic Field on the Flow and Heat Transfer in DC Arc Plasma Torch. Advanced Materials Research, 0, 97-101, 2797-2800.	0.3	0
56	Analysis of Transverse Vibration of Axially Moving Viscoelastic Sandwich Beam with Time-Dependent Velocity. Advanced Materials Research, 0, 338, 487-490.	0.3	4
57	Dynamic Characteristic of Axially Moving Soft Sandwich Beam. Advanced Materials Research, 0, 702, 275-279.	0.3	0