

# Guoyong Jin

## List of Publications by Year in descending order

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35  
papers

1,014  
citations

567281

15  
h-index

434195

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

534  
citing authors

#	ARTICLE	IF	CITATIONS
1	A unified approach for the vibration analysis of moderately thick composite laminated cylindrical shells with arbitrary boundary conditions. <i>International Journal of Mechanical Sciences</i> , 2013, 75, 357-376.	6.7	141
2	A unified solution for the vibration analysis of FGM doubly-curved shells of revolution with arbitrary boundary conditions. <i>Composites Part B: Engineering</i> , 2016, 89, 230-252.	12.0	84
3	A unified Chebyshev-Ritz formulation for vibration analysis of composite laminated deep open shells with arbitrary boundary conditions. <i>Archive of Applied Mechanics</i> , 2014, 84, 441-471.	2.2	79
4	A modified Fourier series solution for vibration analysis of truncated conical shells with general boundary conditions. <i>Applied Acoustics</i> , 2014, 85, 82-96.	3.3	76
5	Free vibration analysis of in-plane functionally graded plates using a refined plate theory and isogeometric approach. <i>Composite Structures</i> , 2018, 192, 193-205.	5.8	66
6	Electro-mechanical vibration characteristics of functionally graded piezoelectric plates with general boundary conditions. <i>International Journal of Mechanical Sciences</i> , 2018, 138-139, 42-53.	6.7	62
7	Flexural and in-plane vibration analysis of elastically restrained thin rectangular plate with cutout using Chebyshev-Lagrangian method. <i>International Journal of Mechanical Sciences</i> , 2014, 89, 264-278.	6.7	61
8	A modified Fourier solution for vibration analysis of moderately thick laminated plates with general boundary restraints and internal line supports. <i>International Journal of Mechanical Sciences</i> , 2014, 80, 29-46.	6.7	53
9	Three-dimensional vibration analysis of laminated functionally graded spherical shells with general boundary conditions. <i>Composite Structures</i> , 2014, 116, 571-588.	5.8	53
10	Vibration analysis of coupled conical-cylindrical-spherical shells using a Fourier spectral element method. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 3925-3940.	1.1	52
11	A general Fourier formulation for vibration analysis of functionally graded sandwich beams with arbitrary boundary condition and resting on elastic foundations. <i>Acta Mechanica</i> , 2016, 227, 1493-1514.	2.1	52
12	Three-dimensional vibration analysis of isotropic and orthotropic conical shells with elastic boundary restraints. <i>International Journal of Mechanical Sciences</i> , 2014, 89, 207-221.	6.7	46
13	Harmonic response analysis of coupled plate structures using the dynamic stiffness method. <i>Thin-Walled Structures</i> , 2018, 127, 402-415.	5.3	39
14	Modified Fourier-Ritz Approximation for the Free Vibration Analysis of Laminated Functionally Graded Plates with Elastic Restraints. <i>International Journal of Applied Mechanics</i> , 2015, 07, 1550073.	2.2	20
15	Dynamic Analysis of Circular Cylindrical Shells With General Boundary Conditions Using Modified Fourier Series Method. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2012, 134, .	1.6	18
16	Acoustic modeling of a three-dimensional rectangular opened enclosure coupled with a semi-infinite exterior field at the baffled opening. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 3675-3690.	1.1	15
17	A hybrid acoustic structure for low-frequency and broadband underwater sound absorption. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2022, 41, 1160-1177.	2.9	14
18	A Modified Fourier Solution for Free Damped Vibration Analysis of Sandwich Viscoelastic-Core Conical Shells and Annular Plates with Arbitrary Restraints. <i>International Journal of Applied Mechanics</i> , 2016, 08, 1650094.	2.2	12

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19	Active control of structurally radiated sound from an elastic cylindrical shell. <i>Journal of Marine Science and Application</i> , 2011, 10, 88-97.	1.7	11
20	Elasticity solution for vibration of 2-D curved beams with variable curvatures using a spectral-sampling surface method. <i>International Journal for Numerical Methods in Engineering</i> , 2017, 111, 1075-1100.	2.8	10
21	A domain decomposition method for analyzing a coupling between multiple acoustical spaces (L). <i>Journal of the Acoustical Society of America</i> , 2017, 141, 3018-3021.	1.1	9
22	Investigation on the Polarization Dependence of An Angled Polished Multimode Fibre Structure. <i>Journal of Lightwave Technology</i> , 2020, 38, 4520-4525.	4.6	8
23	Modeling and Simulation of Transverse Free Vibration Analysis of a Rectangular Plate with Cutouts Using Energy Principles. <i>Shock and Vibration</i> , 2018, 2018, 1-16.	0.6	7
24	Three-Dimensional Vibration Analysis of Isotropic and Orthotropic Open Shells and Plates with Arbitrary Boundary Conditions. <i>Shock and Vibration</i> , 2015, 2015, 1-29.	0.6	6
25	An active impulsive noise control algorithm with a post-adaptive filter and variable step size. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 3238-3250.	1.1	4
26	Control strategies and mechanisms for active control of sound transmission into a vibro-acoustic enclosure. <i>Journal of Marine Science and Application</i> , 2011, 10, 206-214.	1.7	3
27	Free In-Plane Vibration Analysis of Circular, Annular, and Sector Plates Using Isogeometric Approach. <i>Shock and Vibration</i> , 2018, 2018, 1-18.	0.6	3
28	Supersonic Flutter Analysis of Functionally Graded Fiber Orientation Plates with Elastic Restraints. <i>AIAA Journal</i> , 2019, 57, 3104-3109.	2.6	3
29	Dynamic Stiffness Formulation for Free Vibration of Truncated Conical Shell and Its Combinations with Uniform Boundary Restraints. <i>Shock and Vibration</i> , 2021, 2021, 1-20.	0.6	3
30	In-Fiber Integrated Quasi-Distributed Temperature Sensor Array With High Spatial Resolution for Silicon Nitride Igniter. <i>IEEE Sensors Journal</i> , 2022, 22, 9426-9432.	4.7	2
31	A Modified Fourier-Ritz Formulation for Vibration Analysis of Arbitrarily Restrained Rectangular Plate with Cutouts. <i>Shock and Vibration</i> , 2018, 2018, 1-22.	0.6	1
32	Effect of multiple control cylinders on the transient flow behind a translationally and rotationally started cylinder. <i>Ships and Offshore Structures</i> , 2022, 17, 1238-1251.	1.9	1
33	In-Plane Vibration Analysis of Square Plate with Multiple Cutouts. <i>Shock and Vibration</i> , 2021, 2021, 1-20.	0.6	0
34	A unified Fourier spectral method for nonlinear free vibration analysis of the laminated composite and sandwich beams with arbitrary restrained ends. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	0
35	Analysis of the Vibro-Acoustic Behavior of a Stiffened Double Panel-Cavity System. <i>Shock and Vibration</i> , 2022, 2022, 1-17.	0.6	0