Guoyong Jin

List of Publications by Year in descending order

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35	1,014	567281 15	434195 31
papers	citations	h-index	g-index

35	35	35	534
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of multiple control cylinders on the transient flow behind a translationally and rotationally started cylinder. Ships and Offshore Structures, 2022, 17, 1238-1251.	1.9	1
2	In-Fiber Integrated Quasi-Distributed Temperature Sensor Array With High Spatial Resolution for Silicon Nitride Igniter. IEEE Sensors Journal, 2022, 22, 9426-9432.	4.7	2
3	A hybrid acoustic structure for low-frequency and broadband underwater sound absorption. Journal of Low Frequency Noise Vibration and Active Control, 2022, 41, 1160-1177.	2.9	14
4	Analysis of the Vibro-Acoustic Behavior of a Stiffened Double Panel-Cavity System. Shock and Vibration, 2022, 2022, 1-17.	0.6	0
5	Dynamic Stiffness Formulation for Free Vibration of Truncated Conical Shell and Its Combinations with Uniform Boundary Restraints. Shock and Vibration, 2021, 2021, 1-20.	0.6	3
6	In-Plane Vibration Analysis of Square Plate with Multiple Cutouts. Shock and Vibration, 2021, 2021, 1-20.	0.6	0
7	A unified Fourier spectral method for nonlinear free vibration analysis of the laminated composite and sandwich beams with arbitrary restrained ends. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	0
8	An active impulsive noise control algorithm with a post-adaptive filter and variable step size. Journal of the Acoustical Society of America, 2021, 150, 3238-3250.	1.1	4
9	Investigation on the Polarization Dependence of An Angled Polished Multimode Fibre Structure. Journal of Lightwave Technology, 2020, 38, 4520-4525.	4.6	8
10	Supersonic Flutter Analysis of Functionally Graded Fiber Orientation Plates with Elastic Restraints. AIAA Journal, 2019, 57, 3104-3109.	2.6	3
11	Free vibration analysis of in-plane functionally graded plates using a refined plate theory and isogeometric approach. Composite Structures, 2018, 192, 193-205.	5.8	66
12	Electro-mechanical vibration characteristics of functionally graded piezoelectric plates with general boundary conditions. International Journal of Mechanical Sciences, 2018, 138-139, 42-53.	6.7	62
13	Harmonic response analysis of coupled plate structures using the dynamic stiffness method. Thin-Walled Structures, 2018, 127, 402-415.	5.3	39
14	A Modified Fourierâ€“Ritz Formulation for Vibration Analysis of Arbitrarily Restrained Rectangular Plate with Cutouts. Shock and Vibration, 2018, 2018, 1-22.	0.6	1
15	Modeling and Simulation of Transverse Free Vibration Analysis of a Rectangular Plate with Cutouts Using Energy Principles. Shock and Vibration, 2018, 2018, 1-16.	0.6	7
16	Free In-Plane Vibration Analysis of Circular, Annular, and Sector Plates Using Isogeometric Approach. Shock and Vibration, 2018, 2018, 1-18.	0.6	3
17	A domain decomposition method for analyzing a coupling between multiple acoustical spaces (L). Journal of the Acoustical Society of America, 2017, 141, 3018-3021.	1.1	9
18	Elasticity solution for vibration of 2-D curved beams with variable curvatures using a spectral-sampling surface method. International Journal for Numerical Methods in Engineering, 2017, 111, 1075-1100.	2.8	10

#	Article	IF	Citations
19	Acoustic modeling of a three-dimensional rectangular opened enclosure coupled with a semi-infinite exterior field at the baffled opening. Journal of the Acoustical Society of America, 2016, 140, 3675-3690.	1.1	15
20	Vibration analysis of coupled conical-cylindrical-spherical shells using a Fourier spectral element method. Journal of the Acoustical Society of America, 2016, 140, 3925-3940.	1.1	52
21	A Modified Fourier Solution for Free Damped Vibration Analysis of Sandwich Viscoelastic-Core Conical Shells and Annular Plates with Arbitrary Restraints. International Journal of Applied Mechanics, 2016, 08, 1650094.	2.2	12
22	A unified solution for the vibration analysis of FGM doubly-curved shells of revolution with arbitrary boundary conditions. Composites Part B: Engineering, 2016, 89, 230-252.	12.0	84
23	A general Fourier formulation for vibration analysis of functionally graded sandwich beams with arbitrary boundary condition and resting on elastic foundations. Acta Mechanica, 2016, 227, 1493-1514.	2.1	52
24	Three-Dimensional Vibration Analysis of Isotropic and Orthotropic Open Shells and Plates with Arbitrary Boundary Conditions. Shock and Vibration, 2015, 2015, 1-29.	0.6	6
25	Modified Fourierâ€“Ritz Approximation for the Free Vibration Analysis of Laminated Functionally Graded Plates with Elastic Restraints. International Journal of Applied Mechanics, 2015, 07, 1550073.	2.2	20
26	A modified Fourier series solution for vibration analysis of truncated conical shells with general boundary conditions. Applied Acoustics, 2014, 85, 82-96.	3.3	76
27	A unified Chebyshevâ€“Ritz formulation for vibration analysis of composite laminated deep open shells with arbitrary boundary conditions. Archive of Applied Mechanics, 2014, 84, 441-471.	2.2	79
28	A modified Fourier solution for vibration analysis of moderately thick laminated plates with general boundary restraints and internal line supports. International Journal of Mechanical Sciences, 2014, 80, 29-46.	6.7	53
29	Three-dimensional vibration analysis of laminated functionally graded spherical shells with general boundary conditions. Composite Structures, 2014, 116, 571-588.	5.8	53
30	Three-dimensional vibration analysis of isotropic and orthotropic conical shells with elastic boundary restraints. International Journal of Mechanical Sciences, 2014, 89, 207-221.	6.7	46
31	Flexural and in-plane vibration analysis of elastically restrained thin rectangular plate with cutout using Chebyshevâ€“Lagrangian method. International Journal of Mechanical Sciences, 2014, 89, 264-278.	6.7	61
32	A unified approach for the vibration analysis of moderately thick composite laminated cylindrical shells with arbitrary boundary conditions. International Journal of Mechanical Sciences, 2013, 75, 357-376.	6.7	141
33	Dynamic Analysis of Circular Cylindrical Shells With General Boundary Conditions Using Modified Fourier Series Method. Journal of Vibration and Acoustics, Transactions of the ASME, 2012, 134, .	1.6	18
34	Active control of structurally radiated sound from an elastic cylindrical shell. Journal of Marine Science and Application, 2011, 10, 88-97.	1.7	11
35	Control strategies and mechanisms for active control of sound transmission into a vibro-acoustic enclosure. Journal of Marine Science and Application, 2011, 10, 206-214.	1.7	3