

Yue-ming Li

List of Publications by Year in descending order

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papers

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27
all docs

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docs citations

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374
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic and acoustic response of a clamped rectangular plate in thermal environments: Experiment and numerical simulation. <i>Journal of the Acoustical Society of America</i> , 2014, 135, 2674-2682.	1.1	57
2	Vibration and Acoustic Response of Rectangular Sandwich Plate under Thermal Environment. <i>Shock and Vibration</i> , 2013, 20, 1011-1030.	0.6	45
3	Topology optimization to minimize the dynamic compliance of a bi-material plate in a thermal environment. <i>Structural and Multidisciplinary Optimization</i> , 2013, 47, 399-408.	3.5	36
4	Vibration and sound radiation of an asymmetric laminated plate in thermal environments. <i>Acta Mechanica Solida Sinica</i> , 2015, 28, 11-22.	1.9	35
5	X-ray tomography image-based reconstruction of microstructural finite element mesh models for heterogeneous materials. <i>Computational Materials Science</i> , 2013, 67, 63-72.	3.0	33
6	Nonlinear vibration of rotating pre-deformed blade with thermal gradient. <i>Nonlinear Dynamics</i> , 2016, 86, 459-478.	5.2	32
7	Flexural wave manipulation and energy harvesting characteristics of a defect phononic crystal beam with thermal effects. <i>Journal of Applied Physics</i> , 2019, 125, .	2.5	32
8	Structural topology optimization on dynamic compliance at resonance frequency in thermal environments. <i>Structural and Multidisciplinary Optimization</i> , 2014, 49, 81-91.	3.5	30
9	Vibrational and acoustic responses of a laminated plate with temperature gradient along the thickness. <i>Composite Structures</i> , 2016, 157, 483-493.	5.8	30
10	Six degrees of freedom coupled dynamic response of rotor with a transverse breathing crack. <i>Nonlinear Dynamics</i> , 2014, 78, 1843-1861.	5.2	21
11	A locally resonant elastic metamaterial based on coupled vibration of internal liquid and coating layer. <i>Journal of Sound and Vibration</i> , 2020, 468, 115102.	3.9	21
12	Defect coupling behavior and flexural wave energy harvesting of phononic crystal beams with double defects in thermal environments. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 225501.	2.8	21
13	Thermally-induced transitions of multi-frequency defect wave localization and energy harvesting of phononic crystal plate. <i>International Journal of Mechanical Sciences</i> , 2022, 222, 107253.	6.7	18
14	Thermal tuning of negative effective mass density in a two-dimensional acoustic metamaterial with hexagonal lattice. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	17
15	Experimental and numerical investigations on dynamic and acoustic responses of a thermal post-buckled plate. <i>Science China Technological Sciences</i> , 2015, 58, 1414-1424.	4.0	16
16	The Lamb wave bandgap variation of a locally resonant phononic crystal subjected to thermal deformation. <i>AIP Advances</i> , 2018, 8, .	1.3	15
17	Dual-functional metamaterial with vibration isolation and heat flux guiding. <i>Journal of Sound and Vibration</i> , 2020, 469, 115122.	3.9	15
18	Dynamic characteristics of rotating pretwisted clamped-clamped beam under thermal stress. <i>Journal of Mechanical Science and Technology</i> , 2016, 30, 4031-4042.	1.5	12

#	ARTICLE	IF	CITATIONS
19	A return mapping algorithm for unified strength theory model. <i>International Journal for Numerical Methods in Engineering</i> , 2015, 104, 749-766.	2.8	11
20	Study on Stress Development in the Phase Transition Layer of Thermal Barrier Coatings. <i>Materials</i> , 2016, 9, 773.	2.9	11
21	Thermal stress effects on the flexural wave bandgap of a two-dimensional locally resonant acoustic metamaterial. <i>Journal of Applied Physics</i> , 2018, 123, .	2.5	10
22	Stress development in thermal barrier coatings with morphology-controlled thermally grown oxide. <i>Ceramics International</i> , 2019, 45, 20435-20445.	4.8	10
23	The band gap variation of a two dimensional binary locally resonant structure in thermal environment. <i>AIP Advances</i> , 2017, 7, .	1.3	9
24	Effect of static load on vibro-acoustic behaviour of clamped plates with geometric imperfections. <i>Journal of Sound and Vibration</i> , 2018, 432, 155-172.	3.9	7
25	Anisotropic phononic crystal structure with low-frequency bandgap and heat flux manipulation. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	5.1	7
26	A study on the effects of hydraulic static load on the dynamic characteristics of the partially liquid-filled cylindrical shell. <i>Journal of Fluids and Structures</i> , 2019, 85, 40-54.	3.4	5
27	A macro-microscopic coupled consolidation model for saturated porous media with compressible constituents. <i>Computers and Geotechnics</i> , 2021, 140, 104466.	4.7	1