

Cheng Shen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

684
citations

1307594

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h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

704
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinspired engineering of honeycomb structure “ Using nature to inspire human innovation. Progress in Materials Science, 2015, 74, 332-400.	32.8	501
2	Theoretical model for sound transmission through finite sandwich structures with corrugated core. International Journal of Non-Linear Mechanics, 2012, 47, 1066-1072.	2.6	44
3	Sound radiation of orthogonally stiffened laminated composite plates under airborne and structure borne excitations. Composites Science and Technology, 2013, 84, 51-57.	7.8	35
4	Sound Transmission Loss of Adhesively Bonded Sandwich Panels with Pyramidal Truss Core: Theory and Experiment. International Journal of Applied Mechanics, 2015, 07, 1550013.	2.2	31
5	Sound transmission across composite laminate sandwiches: Influence of orthogonal stiffeners and laminate layup. Composite Structures, 2016, 143, 310-316.	5.8	25
6	Transmission loss of orthogonally stiffened laminated composite plates. Journal of Mechanical Science and Technology, 2015, 29, 59-66.	1.5	12
7	Synthesis and enhanced microwave absorption properties of urchin-like polyaniline/Ni _{0.4} Zn _{0.4} Co _{0.2} Fe ₂ O ₄ composites. Polymer Bulletin, 2019, 76, 3113-3125.	3.3	12
8	A 3-D elasticity theory based model for acoustic radiation from multilayered anisotropic plates. Journal of the Acoustical Society of America, 2014, 135, EL232-EL238.	1.1	7
9	3D Free Vibration Analysis of Functionally Graded Plates with Arbitrary Boundary Conditions in Thermal Environment. Advanced Engineering Materials, 2022, 24, 2100636.	3.5	7
10	Localization of elastic waves in one-dimensional detuned phononic crystals with flexoelectric effect. International Journal of Smart and Nano Materials, 2022, 13, 244-262.	4.2	6
11	Low frequency noise control in duct based on locally resonant membrane with attached resonators. JVC/Journal of Vibration and Control, 2023, 29, 2817-2828.	2.6	3
12	Acoustic Modeling of Lightweight Structures: A Literature Review. IOP Conference Series: Materials Science and Engineering, 2017, 241, 012016.	0.6	1
13	Investigation on a Duct Noise Control Method through Membranes in Tandem. Shock and Vibration, 2021, 2021, 1-6.	0.6	0
14	Numerical and Experimental Investigation of the Effect of Cavitation on Dual Clearance Squeeze Film Damper. Shock and Vibration, 2021, 2021, 1-17.	0.6	0