

# Cheng Shen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9512018/publications.pdf>

Version: 2024-02-01

14  
papers

684  
citations

1307594

7  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

704  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	3D Free Vibration Analysis of Functionally Graded Plates with Arbitrary Boundary Conditions in Thermal Environment. Advanced Engineering Materials, 2022, 24, 2100636.	3.5	7
3	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
4	Investigation on a Duct Noise Control Method through Membranes in Tandem. Shock and Vibration, 2021, 2021, 1-6.	0.6	0
5	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
6	Synthesis and enhanced microwave absorption properties of urchin-like polyaniline/Ni <sub>0.4</sub> Zn <sub>0.4</sub> Co <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> composites. Polymer Bulletin, 2019, 76, 3113-3125.	3.3	12
7	Acoustic Modeling of Lightweight Structures: A Literature Review. IOP Conference Series: Materials Science and Engineering, 2017, 241, 012016.	0.6	1
8	Sound transmission across composite laminate sandwiches: Influence of orthogonal stiffeners and laminate layup. Composite Structures, 2016, 143, 310-316.	5.8	25
9	Transmission loss of orthogonally stiffened laminated composite plates. Journal of Mechanical Science and Technology, 2015, 29, 59-66.	1.5	12
10	Bioinspired engineering of honeycomb structure “ Using nature to inspire human innovation. Progress in Materials Science, 2015, 74, 332-400.	32.8	501
11	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
12	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
13	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
14	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