

Shan Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

241
citations

1163117

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1199594

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g-index

13
all docs

13
docs citations

13
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure design and experimental analysis of a perforated dielectric elastomer sound absorber. JVC/Journal of Vibration and Control, 2023, 29, 1656-1666.	2.6	3
2	Scale Effect on the Nonlinear Vibration of Piezoelectric Sandwich Nanobeams on Winkler Foundation. Journal of Vibration Engineering and Technologies, 2021, 9, 1289-1303.	2.2	7
3	Nonlinear Analyses of Porous Functionally Graded Sandwich Piezoelectric Nano-Energy Harvesters under Compressive Axial Loading. Applied Sciences (Switzerland), 2021, 11, 11787.	2.5	5
4	Vibration analysis of piezoelectric sandwich nanobeam with flexoelectricity based on nonlocal strain gradient theory. Applied Mathematics and Mechanics (English Edition), 2020, 41, 859-880.	3.6	21
5	Analyses of natural frequency and electromechanical behavior of flexoelectric cylindrical nanoshells under modified couple stress theory. JVC/Journal of Vibration and Control, 2019, 25, 559-570.	2.6	26
6	Nonlinear vibration of piezoelectric sandwich nanoplates with functionally graded porous core with consideration of flexoelectric effect. Composite Structures, 2019, 207, 340-351.	5.8	71
7	Analysis of delamination of unimorph cantilever piezoelectric energy harvesters. Journal of Intelligent Material Systems and Structures, 2018, 29, 1875-1883.	2.5	12
8	Static stability analysis of nanoscale piezoelectric shells with flexoelectric effect based on couple stress theory. Microsystem Technologies, 2018, 24, 2957-2967.	2.0	19
9	Analysis of an array of flexoelectric layered nanobeams for vibration energy harvesting. Composite Structures, 2018, 187, 48-57.	5.8	40
10	Large deformation of nonlinear elastic nanofilms with surface energy. Microsystem Technologies, 2018, 24, 995-1001.	2.0	0
11	The effect of nonlinear elasticity on the large amplitude free vibration behavior of elastic plates at small scale. Microsystem Technologies, 2017, 23, 2561-2568.	2.0	2
12	Small scale effect on the pull-in instability and vibration of graphene sheets. Microsystem Technologies, 2017, 23, 2033-2041.	2.0	10
13	Large amplitude free vibration of electrically actuated nanobeams with surface energy and thermal effects. International Journal of Mechanical Sciences, 2017, 131-132, 227-233.	6.7	25