

Shan Zeng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5512492/publications.pdf>

Version: 2024-02-01

13
papers

241
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

192
citing authors

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