

Iman Mehdipour

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

339
citations

1163117

8
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of the energy balance method to nonlinear vibrating equations. <i>Current Applied Physics</i> , 2010, 10, 104-112.	2.4	100
2	Application of a cantilevered SWCNT with mass at the tip as a nanomechanical sensor. <i>Computational Materials Science</i> , 2011, 50, 1830-1833.	3.0	48
3	Dynamic modeling and control of DFIG-based wind turbines under balanced network conditions. <i>International Journal of Electrical Power and Energy Systems</i> , 2016, 83, 560-569.	5.5	46
4	Application of an electrostatically actuated cantilevered carbon nanotube with an attached mass as a bio-mass sensor. <i>Current Applied Physics</i> , 2013, 13, 1463-1469.	2.4	38
5	Vibrational analysis of curved single-walled carbon nanotube on a Pasternak elastic foundation. <i>Advances in Engineering Software</i> , 2012, 48, 1-5.	3.8	34
6	Why the center-point of bridged carbon nanotube length is the most mass sensitive location for mass attachment?. <i>Computational Materials Science</i> , 2012, 55, 136-141.	3.0	22
7	Nonlinear vibration and rippling instability for embedded carbon nanotubes. <i>Journal of Mechanical Science and Technology</i> , 2012, 26, 985-992.	1.5	17
8	NONLINEAR VIBRATION AND BENDING INSTABILITY OF A SINGLE-WALLED CARBON NANOTUBE USING NONLOCAL ELASTIC BEAM THEORY. <i>International Journal of Nanoscience</i> , 2011, 10, 447-453.	0.7	8
9	EFFECTS OF RIPPLING DEFORMATION AND MIDPLANE STRETCHING ON NONLINEAR VIBRATION OF EMBEDDED CARBON NANOTUBE. <i>International Journal for Multiscale Computational Engineering</i> , 2012, 10, 295-305.	1.2	5
10	Available Energy in Carsâ€™ Exhaust System for IoT Remote Exhaust Gas Sensor and Piezoelectric Harvesting. <i>Energies</i> , 2020, 13, 4169.	3.1	5
11	Analytical Modeling and Experimental Verification of a S-Shaped Vibration Energy Harvester. , 2016, , .		4
12	Innovative Piezoelectric Cantilever Beam Shape for Improved Energy Harvesting. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2015, , 19-24.	0.5	3
13	Finding the optimum polarization boundary line for enhancing the performance of clamped piezoelectric circular plates. <i>Applied Mathematical Modelling</i> , 2021, 91, 1141-1153.	4.2	3
14	Micro- and nanodevices for wind energy harvesting. , 2021, , 291-374.		3
15	Comprehensive experimental study on bluff body shapes for vortex-induced vibration piezoelectric energy harvesting mechanisms. <i>Energy Conversion and Management: X</i> , 2022, 13, 100174.	1.6	3
16	Periodic substructure for multi-frequency energy harvesting with single piezoelectric patch. , 2016, , .		0