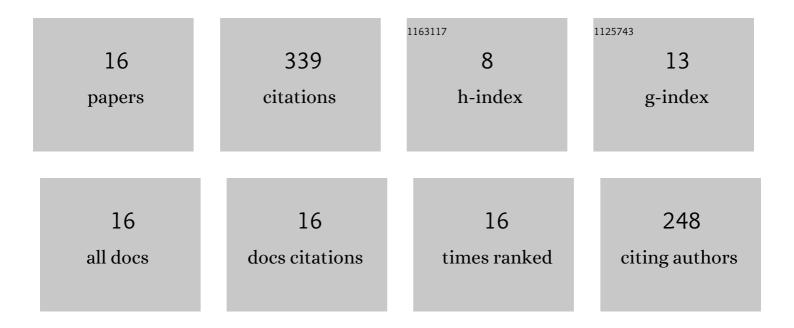
Iman Mehdipour

List of Publications by Year in descending order

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