

Mohammed Daqaq

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3355472/publications.pdf>

Version: 2024-02-01

15
papers

407
citations

1040056

9
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	A scalable concept for micropower generation using flow-induced self-excited oscillations. Applied Physics Letters, 2010, 96, .	3.3	119
2	Investigation of concurrent energy harvesting from ambient vibrations and wind using a single piezoelectric generator. Applied Physics Letters, 2013, 102, .	3.3	104
3	Input-shaping control of nonlinear MEMS. Nonlinear Dynamics, 2008, 54, 167-179.	5.2	47
4	An origami-inspired dynamically actuated binary switch. Applied Physics Letters, 2020, 117, .	3.3	24
5	Towards a stable low-voltage torsional microscanner. Microsystem Technologies, 2008, 14, 725-737.	2.0	21
6	On the efficacy of charging a battery using a chaotic energy harvester. Nonlinear Dynamics, 2020, 99, 1525-1537.	5.2	21
7	Improving the performance of galloping micro-power generators by passively manipulating the trailing edge. Applied Physics Letters, 2018, 112, .	3.3	17
8	Exploiting the principle parametric resonance of an electric oscillator for vibratory energy harvesting. Applied Physics Letters, 2017, 110, 093903.	3.3	16
9	Small strain vibration of a continuous, linearized viscoelastic rod of expanded polymer cushion material. Journal of Sound and Vibration, 2015, 349, 330-347.	3.9	12
10	Combining advanced 3D printing technologies with origami principles: A new paradigm for the design of functional, durable, and scalable springs. Composites Part B: Engineering, 2022, 236, 109811.	12.0	11
11	Reduced-order Modelling of the Linear Vibration Response of Expanded Polymer Cushion Material. Packaging Technology and Science, 2015, 28, 59-74.	2.8	8
12	Primary Resonance Behaviour of a Nonlinear, Viscoelastic Model of Expanded Polymer Cushion Material. Packaging Technology and Science, 2015, 28, 694-709.	2.8	3
13	Suppression of galloping oscillations by injecting a high-frequency excitation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20200244.	3.4	2
14	Adaptive and active materials: selected papers from the ASME 2013 Conference on Smart Materials, Adaptive Structures and Intelligent Systems (SMASIS 13) (Snowbird, UT, USA, 16â€“18 September 2013). Smart Materials and Structures, 2014, 23, 100201.	3.5	1
15	A time-implicit representation of the lift force for coupled translationalâ€“rotational galloping. Nonlinear Dynamics, 2021, 103, 2183-2196.	5.2	1