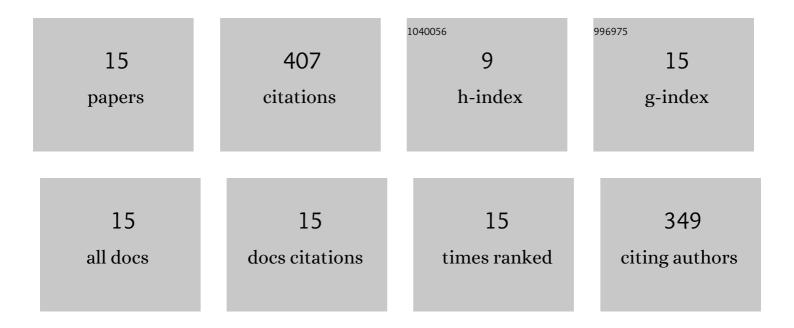
Mohammed Daqaq

List of Publications by Year in descending order

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#	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, 16–18 September 2013). Smart Materials and Structures, 2014, 23, 100201.	3.5	1
15	A time-implicit representation of the lift force for coupled translational–rotational galloping. Nonlinear Dynamics, 2021, 103, 2183-2196.	5.2	1