

Alwathiqbellah I Ibrahim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1482261/publications.pdf>

Version: 2024-02-01

11
papers

206
citations

1163117

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h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical investigation of an impact vibration harvester with triboelectric transduction. Journal of Sound and Vibration, 2018, 416, 111-124.	3.9	59
2	A smart knee implant using triboelectric energy harvesters. Smart Materials and Structures, 2019, 28, 025040.	3.5	35
3	Triboelectric energy harvester with large bandwidth under harmonic and random excitations. Energy Reports, 2020, 6, 2490-2502.	5.1	28
4	Pairing electrostatic levitation with triboelectric transduction for high-performance self-powered MEMS sensors and actuators. Applied Physics Letters, 2019, 115, .	3.3	14
5	Simple Fall Criteria for MEMS Sensors: Data Analysis and Sensor Concept. Sensors, 2014, 14, 12149-12173.	3.8	13
6	Dynamics of a threshold shock sensor: Combining bi-stability and triboelectricity. Sensors and Actuators A: Physical, 2019, 285, 666-675.	4.1	13
7	Parametric study of a triboelectric transducer in total knee replacement application. Journal of Intelligent Material Systems and Structures, 2021, 32, 16-28.	2.5	13
8	A tunable triboelectric wideband energy harvester. Journal of Intelligent Material Systems and Structures, 2019, 30, 1745-1756.	2.5	10
9	Dynamics of Microbeams under Multi-Frequency Excitations. Micromachines, 2017, 8, 32.	2.9	9
10	Mixed frequency excitation of an electrostatically actuated resonator. Microsystem Technologies, 2016, 22, 1967-1974.	2.0	8
11	Frontend Electronic System for Triboelectric Harvester in a Smart Knee Implant. , 2019, , .		4