

King-James Idala Egbe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6887527/publications.pdf>

Version: 2024-02-01

12
papers

257
citations

1163117

8
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Piezoelectric Sensing Techniques in Structural Health Monitoring: A State-of-the-Art Review. Sensors, 2020, 20, 3730.	3.8	88
2	Triboelectric Nanogenerators for Energy Harvesting in Ocean: A Review on Application and Hybridization. Energies, 2021, 14, 5600.	3.1	28
3	A New Structural Health Monitoring Approach Based on Smartphone Measurements of Magnetic Field Intensity. IEEE Instrumentation and Measurement Magazine, 2021, 24, 49-58.	1.6	26
4	Vibrational turbine piezoelectric nanogenerators for energy harvesting in multiphase flow fields. Energy Reports, 2021, 7, 6384-6393.	5.1	24
5	Magnetic capsule triboelectric nanogenerators. Scientific Reports, 2022, 12, 89.	3.3	21
6	Magnetic lifting triboelectric nanogenerators (ml-TENG) for energy harvesting and active sensing. APL Materials, 2021, 9, .	5.1	16
7	Resource Efficiency and Thermal Comfort of 3D Printable Concrete Building Envelopes Optimized by Performance Enhancing Insulation: A Numerical Study. Energies, 2022, 15, 1069.	3.1	13
8	Hybrid Piezoelectric and Triboelectric Nanogenerators for Energy Harvesting and Walking Sensing. Energy Technology, 2022, 10, .	3.8	13
9	A Numerical Study on 3D Printed Cementitious Composites Mixes Subjected to Axial Compression. Materials, 2021, 14, 6882.	2.9	11
10	Oscillatory magnetic piezoelectric nanogenerators under low-frequency and low-amplitude excitations. Sustainable Energy Technologies and Assessments, 2022, 52, 102022.	2.7	9
11	A novel multi-mode magnetic triboelectric nanogenerator energy harvesting system. , 2021, , .		4
12	Harnessing postbuckling instability of piezoelectric cylinders with corrugation for energy harvesting. , 2021, , .		4