

King-James Idala Egbe

List of Publications by Year in descending order

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12
papers

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1163117

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citing authors

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