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List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

508
citations

840119

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docs citations

14
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing orientation of piezoelectric cantilever beam for harvesting energy from human walking. Energy Conversion and Management, 2018, 161, 66-73.	4.4	129
2	Improving efficiency of piezoelectric based energy harvesting from human motions using double pendulum system. Energy Conversion and Management, 2019, 184, 559-570.	4.4	103
3	High-temperature, point-focus, pressurised gas-phase solar receivers: A comprehensive review. Energy Conversion and Management, 2019, 185, 678-717.	4.4	63
4	Optimization of rectifier circuits for a vibration energy harvesting system using a macro-fiber composite piezoelectric element. Microelectronics Journal, 2016, 54, 109-115.	1.1	31
5	Performance Enhancement of a Multiresonant Piezoelectric Energy Harvester for Low Frequency Vibrations. Energies, 2019, 12, 2770.	1.6	25
6	Development of analytical and numerical models for predicting the mechanical properties of structural adhesives under curing using the PZT-based wave propagation technique. Mechanical Systems and Signal Processing, 2019, 128, 172-190.	4.4	24
7	An Improved Self-Powered H-Bridge Circuit for Voltage Rectification of Piezoelectric Energy Harvesting System. IEEE Journal of the Electron Devices Society, 2020, 8, 1050-1062.	1.2	24
8	Strength development monitoring and dynamic modulus assessment of cementitious materials using EMI-Miniature Prism based technique. Structural Health Monitoring, 2020, 19, 373-389.	4.3	21
9	A novel high-temperature (>700°C), volumetric receiver with a packed bed of transparent and absorbing spheres. Applied Energy, 2020, 264, 114705.	5.1	21
10	A self-tunable wind energy harvester utilising a piezoelectric cantilever beam with bluff body under transverse galloping for field deployment. Energy Conversion and Management, 2021, 245, 114559.	4.4	21
11	Development of a novel high-temperature, pressurised, indirectly-irradiated cavity receiver. Energy Conversion and Management, 2020, 204, 112175.	4.4	19
12	Piezoelectric Energy Harvesting towards Self-Powered Internet of Things (IoT) Sensors in Smart Cities. Sensors, 2021, 21, 8332.	2.1	12
13	Smart City Collaboration: A Review and an Agenda for Establishing Sustainable Collaboration. Sustainability, 2021, 13, 9189.	1.6	11
14	Self-powered boost-converter for power optimisation and piezo garden lights. Smart Materials and Structures, 2022, 31, 045021.	1.8	4