

Xin Li

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

150
citations

1307594

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h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	ViPSN: A Vibration-Powered IoT Platform. IEEE Internet of Things Journal, 2021, 8, 1728-1739.	8.7	34
2	Triboelectric energy harvesting using an origami-inspired structure. Applied Energy, 2022, 306, 118037.	10.1	27
3	Frequency Up-Conversion for Vibration Energy Harvesting: A Review. Symmetry, 2022, 14, 631.	2.2	23
4	A piezoelectric smart backing ring for high-performance power generation subject to train induced steel-spring fulcrum forces. Energy Conversion and Management, 2022, 257, 115442.	9.2	18
5	ViPSN-Pluck: A Transient-Motion-Powered Motion Detector. IEEE Internet of Things Journal, 2022, 9, 3372-3382.	8.7	16
6	A Wind-Driven Poly(tetrafluoroethylene) Electret and Polylactide Polymer-Based Hybrid Nanogenerator for Self-Powered Temperature Detection System. Advanced Sustainable Systems, 2021, 5, .	5.3	10
7	Theoretical and Experimental Study of the Vibration Dynamics of a 3D-Printed Sandwich Beam With an Hourglass Lattice Truss Core. Frontiers in Mechanical Engineering, 2021, 7, .	1.8	8
8	DeCoT: A Dependable Concurrent Transmission-Based Protocol for Wireless Sensor Networks. IEEE Access, 2018, 6, 73130-73146.	4.2	6
9	Power Solutions of A Vibration-Powered Sensor Node. , 2020, , .		4
10	Exploring the magnetic plucking motion towards a transient-motion-powered IoT sensor node. , 2020, , .		2
11	Escape or Exploit?. , 2018, , .		1
12	Live Demo of a Transient-Motion-Powered Human Motion Detector. , 2021, , .		1