

Jing Qiu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

274
citations

840776

11
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	A magnetoelectric energy harvester with the magnetic coupling to enhance the output performance. Journal of Applied Physics, 2012, 111, .	2.5	50
2	Surface Ligand Engineering for a Lead-Free Cs ₃ Cu ₂ Br ₅ Microcrystal-Based Humidity Sensor with a Giant Response. Journal of Physical Chemistry Letters, 2021, 12, 3401-3409.	4.6	34
3	CsPbBr ₃ /CdS Core/Shell Structure Quantum Dots for Inverted Light-Emitting Diodes Application. Frontiers in Chemistry, 2019, 7, 499.	3.6	32
4	The magnetostrictive material effects on magnetic field sensitivity for magnetoelectric sensor. Journal of Applied Physics, 2012, 111, 07E503.	2.5	22
5	Self-Contained Wireless Hall Current Sensor Applied for Two-Wire Zip-Cords. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	20
6	Effects of radio-frequency noise suppression on the microstrip line using FeCoNiB soft magnetic thin films. Journal of Applied Physics, 2013, 113, 043922.	2.5	14
7	A Low-Frequency Resonant Electromagnetic Vibration Energy Harvester Employing the Halbach Arrays for Intelligent Wireless Sensor Networks. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	14
8	Bifunctional oxygen evolution and supercapacitor electrode with integrated architecture of NiFe-layered double hydroxides and hierarchical carbon framework. Nanotechnology, 2019, 30, 325402.	2.6	14
9	Graded Microstructured Flexible Pressure Sensors with High Sensitivity and an Ultrabroad Pressure Range for Epidermal Pulse Monitoring. ACS Applied Materials & Interfaces, 2021, 13, 55747-55755.	8.0	13
10	Design and optimization of a bi-axial vibration-driven electromagnetic generator. Journal of Applied Physics, 2014, 116, .	2.5	12
11	Multi-directional electromagnetic vibration energy harvester using circular Halbach array. AIP Advances, 2017, 7, .	1.3	12
12	High color rendering indices of white light-emitting diodes based on environmentally friendly carbon and AIZS nanoparticles. Journal of Materials Chemistry C, 2020, 8, 7734-7740.	5.5	12
13	Design and Optimization of a Tunable Magnetoelectric and Electromagnetic Hybrid Vibration-Based Generator for Wireless Sensor Networks. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	6
14	An integrated multi-source energy harvester based on vibration and magnetic field energy. AIP Advances, 2018, 8, 056623.	1.3	6
15	A high-sensitivity zero-biased magnetoelectric sensor using five-phase laminate composites based on FeCoV nanocrystalline soft magnetic alloy. AIP Advances, 2017, 7, .	1.3	4
16	Ultrahigh Response Humidity Sensor Based on Lead-Free Cs ₂ SnCl ₆ Perovskite Films. IEEE Electron Device Letters, 2022, 43, 805-808.	3.9	3
17	Zero-Biased Magnetoelectric Effects in Five-Phase Laminate Composites With FeCoV Soft Magnetic Alloy. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	2
18	Research on the Moving Magnetic Object Recognition Method Based on Magnetic Signature Waveform. IEEE Transactions on Magnetics, 2022, 58, 1-8.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Evaluation of the Humidification Effect of Street Trees Based on All-Inorganic Lead-Free K_2CuBr_3 Humidity Sensors. ACS Applied Electronic Materials, 2022, 4, 1592-1602.	4.3	1
20	Leak location procedure based on the complex-valued FastICA blind deconvolution algorithm for water-filled branch pipe. Water Science and Technology: Water Supply, 2022, 22, 2560-2572.	2.1	1
21	Effect of adjustable bias voltage on magnetoelectric properties of piezoelectric/magnetostrictive laminate transducer. , 2012, , .		0
22	Magnetoelectric Coupling Characteristics of Multiphase Laminate Heterostructures Based on FeCuNbSiB Nanocrystalline Soft Magnetic Alloy. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	0