

Zhaoyang Li

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

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1039406

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docs citations

15
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart Face Mask Based on an Ultrathin Pressure Sensor for Wireless Monitoring of Breath Conditions. <i>Advanced Materials</i> , 2022, 34, e2107758.	11.1	75
2	Flexible pillar-base structured piezocomposite with aligned porosity for piezoelectric energy harvesting. <i>Nano Energy</i> , 2021, 88, 106278.	8.2	37
3	Moisture-induced autonomous surface potential oscillations for energy harvesting. <i>Nature Communications</i> , 2021, 12, 5287.	5.8	26
4	Measurement of Distorted Power-Frequency Electric Field With Integrated Optical Sensor. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 1132-1139.	2.4	25
5	Recent advances in nanogenerators-based flexible electronics for electromechanical biomonitoring. <i>Biosensors and Bioelectronics</i> , 2021, 186, 113290.	5.3	23
6	Stability and decay of surface electrostatic charges in liquids. <i>Nano Energy</i> , 2021, 81, 105618.	8.2	13
7	A low voltage-powered soft electromechanical stimulation patch for haptics feedback in human-machine interfaces. <i>Biosensors and Bioelectronics</i> , 2021, 193, 113616.	5.3	12
8	Programmable Tactile Feedback Patterns for Cognitive Assistance by Flexible Electret Actuators. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	11
9	A miniaturized mechanical antenna based on FEP/THV unipolar electrets for extremely low frequency transmission. <i>Microsystems and Nanoengineering</i> , 2022, 8, .	3.4	10
10	Consistency Test of Ion-Flow Density Measurement System Using an Improved Gray Relational Analysis Method. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2019, 61, 1655-1662.	1.4	7
11	Smart Face Mask Based on an Ultrathin Pressure Sensor for Wireless Monitoring of Breath Conditions (Adv. Mater. 6/2022). <i>Advanced Materials</i> , 2022, 34, .	11.1	4
12	A Moisture-Resistant Soft Actuator with Low Driving Voltages for Haptic Stimulations in Virtual Games. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 31257-31266.	4.0	4
13	Distributed Measurement System of Ion Current Density under UHVDC Transmission Line. , 2017, , .		2
14	Analysis of Distorted Electric Field Using ZigBee-Based Optical Measurement System. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 3442-3450.	2.4	2
15	Robust Power Textile Based on Triboelectrification for Self-Powered Smart Textiles. <i>IEEE Open Journal of Nanotechnology</i> , 2020, 1, 95-99.	0.9	2