

Tao Juan

List of Publications by Year in descending order

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12
papers

1,005
citations

759233

12
h-index

1125743

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13
all docs

13
docs citations

13
times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	Bimodal Tactile Sensor without Signal Fusion for User-Interactive Applications. ACS Nano, 2022, 16, 2789-2797.	14.6	54
2	Biodegradable, Breathable Leaf Vein-Based Tactile Sensors with Tunable Sensitivity and Sensing Range. Small, 2022, 18, e2106906.	10.0	28
3	Piezophototronic Effect in Nanosensors. Small Science, 2021, 1, 2000060.	9.9	28
4	Recent progress in tactile sensors and their applications in intelligent systems. Science Bulletin, 2020, 65, 70-88.	9.0	132
5	Real-time pressure mapping smart insole system based on a controllable vertical pore dielectric layer. Microsystems and Nanoengineering, 2020, 6, 62.	7.0	69
6	High precision epidermal radio frequency antenna via nanofiber network for wireless stretchable multifunction electronics. Nature Communications, 2020, 11, 5629.	12.8	48
7	Visually aided tactile enhancement system based on ultrathin highly sensitive crack-based strain sensors. Applied Physics Reviews, 2020, 7, .	11.3	30
8	Fabrication of Large-Area Bimodal Sensors by All-Inkjet Printing. Advanced Materials Technologies, 2019, 4, 1800703.	5.8	40
9	Self-Powered Tactile Sensor Array Systems Based on the Triboelectric Effect. Advanced Functional Materials, 2019, 29, 1806379.	14.9	122
10	Networks of High Performance Triboelectric Nanogenerators Based on Liquid-Solid Interface Contact Electrification for Harvesting Low-Frequency Blue Energy. Advanced Energy Materials, 2018, 8, 1800705.	19.5	182
11	Recent progress in flexible pressure sensor arrays: from design to applications. Journal of Materials Chemistry C, 2018, 6, 11878-11892.	5.5	194
12	Self-powered Real-time Movement Monitoring Sensor Using Triboelectric Nanogenerator Technology. Scientific Reports, 2017, 7, 10521.	3.3	77