Tao Juan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8672472/publications.pdf

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12	1,005	759233 12	1125743 13
papers	citations	h-index	g-index

13	13	13	1207
all docs	docs citations	times ranked	citing authors

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