Jing Xu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8692600/publications.pdf

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16	1,397	566801 15	887659 17
papers	citations	h-index	g-index

17	17	17	630
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Deepâ€Learningâ€Assisted Onâ€Mask Sensor Network for Adaptive Respiratory Monitoring. Advanced Materials, 2022, 34, e2200252.	11.1	72
2	Giant Magnetoelastic Effect Enabled Stretchable Sensor for Self-Powered Biomonitoring. ACS Nano, 2022, 16, 6013-6022.	7.3	59
3	Advances in Nanostructures for Highâ€Performance Triboelectric Nanogenerators. Advanced Materials Technologies, 2021, 6, 2000916.	3.0	94
4	Triboelectric Nanogenerators: Advances in Nanostructures for Highâ€Performance Triboelectric Nanogenerators (Adv. Mater. Technol. 3/2021). Advanced Materials Technologies, 2021, 6, 2170016.	3.0	8
5	All-in-one conformal epidermal patch for multimodal biosensing. Matter, 2021, 4, 1102-1105.	5.0	36
6	A hand-driven portable triboelectric nanogenerator using whirligig spinning dynamics. Nano Energy, 2021, 83, 105845.	8.2	81
7	Wearable Biosensors for Non-Invasive Sweat Diagnostics. Biosensors, 2021, 11, 245.	2.3	75
8	Ambulatory Cardiovascular Monitoring Via a Machineâ€Learningâ€Assisted Textile Triboelectric Sensor. Advanced Materials, 2021, 33, e2104178.	11.1	167
9	Giant magnetoelastic effect in soft systems for bioelectronics. Nature Materials, 2021, 20, 1670-1676.	13.3	175
10	Discovering giant magnetoelasticity in soft matter for electronic textiles. Matter, 2021, 4, 3725-3740.	5.0	94
11	Soft fibers with magnetoelasticity for wearable electronics. Nature Communications, 2021, 12, 6755.	5.8	150
12	Machine-Learning-Aided Self-Powered Assistive Physical Therapy Devices. ACS Nano, 2021, 15, 18633-18646.	7.3	53
13	Leverage Surface Chemistry for High-Performance Triboelectric Nanogenerators. Frontiers in Chemistry, 2020, 8, 577327.	1.8	45
14	Engineering Materials at the Nanoscale for Triboelectric Nanogenerators. Cell Reports Physical Science, 2020, 1, 100142.	2.8	130
15	Ternary Electrification Layered Architecture for High-Performance Triboelectric Nanogenerators. ACS Nano, 2020, 14, 9050-9058.	7.3	88
16	Triboelectric Nanogenerator Enabled Smart Shoes for Wearable Electricity Generation. Research, 2020, 2020, 7158953.	2.8	67