Yuxiang Shi

List of Publications by Year
in descending order

18 papers	983 citations	567281 15 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	562 citing authors

#	Article	IF	Citations
1	Fishâ€Wearable Data Snooping Platform for Underwater Energy Harvesting and Fish Behavior Monitoring. Small, 2022, 18, e2107232.	10.0	36
2	Monitoring the Degree of Comfort of Shoes In-Motion Using Triboelectric Pressure Sensors with an Ultrawide Detection Range. ACS Nano, 2022, 16, 4654-4665.	14.6	90
3	Fishâ€Wearable Data Snooping Platform for Underwater Energy Harvesting and Fish Behavior Monitoring (Small 10/2022). Small, 2022, 18, .	10.0	1
4	Crystallization-Induced Shift in a Triboelectric Series and Even Polarity Reversal for Elastic Triboelectric Materials. Nano Letters, 2022, 22, 4074-4082.	9.1	25
5	Fabrication of triboelectric polymer films via repeated rheological forging for ultrahigh surface charge density. Nature Communications, 2022, 13, .	12.8	79
6	Self-powered electro-tactile system for virtual tactile experiences. Science Advances, 2021, 7, .	10.3	161
7	Self-Powered Room-Temperature Ethanol Sensor Based on Brush-Shaped Triboelectric Nanogenerator. Research, 2021, 2021, 8564780.	5.7	24
8	A universal managing circuit with stabilized voltage for maintaining safe operation of self-powered electronics system. IScience, 2021, 24, 102502.	4.1	15
9	Effect of Photo-Excitation on Contact Electrification at Liquidâ€“Solid Interface. ACS Nano, 2021, 15, 10609-10617.	14.6	30
10	Self-Powered Persistent Phosphorescence for Reliable Optical Display. ACS Energy Letters, 2021, 6, 3132-3140.	17.4	25
11	Triboelectric Polymer with High Thermal Charge Stability for Harvesting Energy from 200ÂÂ°C Flowing Air. Advanced Functional Materials, 2021, 31, 2106082.	14.9	53
12	Water purification system based on self-powered ozone production. Nano Energy, 2021, 88, 106230.	16.0	17
13	Study of Contact Electrification at Liquid-Gas Interface. ACS Nano, 2021, 15, 18206-18213.	14.6	17
14	CNTs/Wood Composite Nanogenerator for Producing Both Steam and Electricity. ACS Applied Electronic Materials, 2021, 3, 5287-5295.	4.3	19
15	Contributions of Different Functional Groups to Contact Electrification of Polymers. Advanced Materials, 2020, 32, e2001307.	21.0	194
16	Sustainable high-voltage source based on triboelectric nanogenerator with a charge accumulation strategy. Energy and Environmental Science, 2020, 13, 2178-2190.	30.8	166
17	Thermochromic triboelectric nanogenerator enabling direct visualization of temperature change during operation. Chemical Engineering Journal, 2020, 388, 124369.	12.7	23
18	A Review: Contact Electrification on Special Interfaces. Frontiers in Materials, 0, 9, .	2.4	8