

Linglin Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10191344/publications.pdf>

Version: 2024-02-01

17
papers

1,298
citations

516215

16
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

707
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving performance of triboelectric nanogenerators by dielectric enhancement effect. <i>Matter</i> , 2022, 5, 180-193.	5.0	53
2	A highly efficient constant-voltage triboelectric nanogenerator. <i>Energy and Environmental Science</i> , 2022, 15, 1334-1345.	15.6	62
3	Improved Degradation Efficiency of Levofloxacin by a Self-Powered Electrochemical System with Pulsed Direct-Current. <i>ACS Nano</i> , 2021, 15, 5478-5485.	7.3	25
4	Recent Advances in Self-Powered Electrochemical Systems. <i>Research</i> , 2021, 2021, 4673028.	2.8	27
5	Improved Output Performance of Triboelectric Nanogenerator by Fast Accumulation Process of Surface Charges. <i>Advanced Energy Materials</i> , 2021, 11, 2100050.	10.2	67
6	Active resonance triboelectric nanogenerator for harvesting omnidirectional water-wave energy. <i>Joule</i> , 2021, 5, 1613-1623.	11.7	162
7	Low-Cost, Environmentally Friendly, and High-Performance Triboelectric Nanogenerator Based on a Common Waste Material. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30776-30784.	4.0	56
8	Selection rules of triboelectric materials for direct-current triboelectric nanogenerator. <i>Nature Communications</i> , 2021, 12, 4686.	5.8	154
9	Triboelectric Nanogenerator with Low Crest Factor via Precise Phase Difference Design Realized by 3D Printing. <i>Small Methods</i> , 2021, 5, e2100936.	4.6	13
10	Improving Degradation Efficiency of Organic Pollutants through a Self-Powered Alternating Current Electrocoagulation System. <i>ACS Nano</i> , 2021, 15, 19684-19691.	7.3	29
11	Simultaneously Enhancing Power Density and Durability of Sliding-Mode Triboelectric Nanogenerator via Interface Liquid Lubrication. <i>Advanced Energy Materials</i> , 2020, 10, 2002920.	10.2	112
12	A Motion Vector Sensor via Direct-Current Triboelectric Nanogenerator. <i>Advanced Functional Materials</i> , 2020, 30, 2002547.	7.8	78
13	Long-Lifetime Triboelectric Nanogenerator Operated in Conjunction Modes and Low Crest Factor. <i>Advanced Energy Materials</i> , 2020, 10, 1903024.	10.2	53
14	Triboelectric nanogenerators: Fundamental physics and potential applications. <i>Friction</i> , 2020, 8, 481-506.	3.4	224
15	Effective removing of hexavalent chromium from wasted water by triboelectric nanogenerator driven self-powered electrochemical system – Why pulsed DC is better than continuous DC?. <i>Nano Energy</i> , 2019, 64, 103915.	8.2	62
16	Carbon captured from vehicle exhaust by triboelectric particular filter as materials for energy storage. <i>Nano Energy</i> , 2019, 56, 792-798.	8.2	21
17	Structure and Dimension Effects on the Performance of Layered Triboelectric Nanogenerators in Contact-Separation Mode. <i>ACS Nano</i> , 2019, 13, 698-705.	7.3	100