

Xiaolong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

247
citations

1478280

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h-index

1719901

7
g-index

7
all docs

7
docs citations

7
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid–solid contact triboelectrification and its use in self-powered nanosensor for detecting organics in water. <i>Nano Energy</i> , 2016, 30, 321-329.	8.2	81
2	Solid–Liquid Triboelectrification Control and Antistatic Materials Design Based on Interface Wettability Control. <i>Advanced Functional Materials</i> , 2019, 29, 1903587.	7.8	58
3	New Hydrophobic Organic Coating Based Triboelectric Nanogenerator for Efficient and Stable Hydropower Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31351-31359.	4.0	53
4	Synthesis of Hollow Mesoporous TiO ₂ Microspheres with Single and Double Au Nanoparticle Layers for Enhanced Visible–Light Photocatalysis. <i>Chemistry - an Asian Journal</i> , 2018, 13, 432-439.	1.7	21
5	A new strategy for tube leakage and blockage detection using bubble motion-based solid-liquid triboelectric sensor. <i>Science China Technological Sciences</i> , 2022, 65, 282-292.	2.0	15
6	Efficient Gas Transportation Using Bioinspired Superhydrophobic Yarn as the Gas-Siphon Underwater. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18174-18181.	4.0	13
7	Quantifying Wetting Dynamics with Triboelectrification. <i>Advanced Science</i> , 2022, 9, .	5.6	6