

Chengjie Xiang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

659
citations

759233

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940533

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17
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	A green SPEEK/lignin composite membrane with high ion selectivity for vanadium redox flow battery. <i>Journal of Membrane Science</i> , 2019, 572, 110-118.	8.2	153
2	Hybrid Membranes Dispersed with Superhydrophilic TiO ₂ Nanotubes Toward Ultra-Stable and High-Performance Vanadium Redox Flow Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 1904041.	19.5	115
3	Bioinspired topological design of super hygroscopic complex for cost-effective atmospheric water harvesting. <i>Nano Energy</i> , 2021, 90, 106642.	16.0	57
4	High-yield solar-driven atmospheric water harvesting with ultra-high salt content composites encapsulated in porous membrane. <i>Cell Reports Physical Science</i> , 2021, 2, 100664.	5.6	52
5	A solar tube: Efficiently converting sunlight into electricity and heat. <i>Nano Energy</i> , 2019, 55, 269-276.	16.0	50
6	Nanostructured Three-Dimensional Percolative Channels for Separation of Oil-in-Water Emulsions. <i>IScience</i> , 2018, 6, 289-298.	4.1	44
7	Large-Scale, Uniform, and Superhydrophobic Titania Nanotubes at the Inner Surface of 1000 mm Long Titanium Tubes. <i>Journal of Physical Chemistry C</i> , 2017, 121, 15448-15455.	3.1	43
8	In situ synthesis of SnO ₂ nanosheet/graphene composite as anode materials for lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 3640-3645.	2.2	34
9	Coaxial anodic oxidation under dynamic electrolyte conditions for inner surface patterning of high-aspect-ratio and slim Ti tubes. <i>Corrosion Science</i> , 2017, 124, 193-197.	6.6	22
10	General Way To Compute the Intrinsic Contact Angle at Tubes. <i>Journal of Physical Chemistry C</i> , 2018, 122, 29210-29219.	3.1	21
11	Preparation, characterization and performance of Ti _{1-x} Al _x N/Ag/Ti _{1-x} Al _x N low-emissivity films. <i>Applied Surface Science</i> , 2014, 293, 259-264.	6.1	18
12	Interdigitated CuS/TiO ₂ Nanotube Bulk Heterojunctions Achieved via Ion Exchange. <i>Electrochimica Acta</i> , 2016, 199, 180-186.	5.2	17
13	Conformal Filling of TiO ₂ Nanotubes with Dense M x S y Films for 3D Heterojunctions: The Anion Effect. <i>ChemElectroChem</i> , 2019, 6, 1177-1182.	3.4	10
14	Efficient demulsification of ultralow-concentration crude oil-in-water emulsion by three-dimensional superhydrophilic channels. <i>Science China Materials</i> , 2022, 65, 213-219.	6.3	10
15	Corrosion inhibition behaviors of Zr _n N _x thin films with varied N vacancy concentration. <i>Vacuum</i> , 2019, 162, 28-38.	3.5	7
16	Effect of the varied nitrogen vacancy concentration on mechanical and electrical properties of Zr _n N _x thin films. <i>Thin Solid Films</i> , 2019, 683, 57-66.	1.8	5