

Shiyan Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1676465/publications.pdf>

Version: 2024-02-01

8
papers

541
citations

1683934
5
h-index

1588896
8
g-index

9
all docs

9
docs citations

9
times ranked

952
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated oil separation and water purification by a double-layer TiO ₂ -based mesh. <i>Energy and Environmental Science</i> , 2013, 6, 1147.	15.6	308
2	Bio-Inspired Anti-Oil-Fouling Chitosan-Coated Mesh for Oil/Water Separation Suitable for Broad pH Range and Hyper-Saline Environments. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 11971-11976.	4.0	200
3	Selective Autonomous Molecular Transport and Collection by Hydrogel-Embedded Supramolecular Chemical Gradients. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18165-18170.	7.2	9
4	Directed Molecular Collection by E-Field-Printed Microscale Chemical Potential Wells in Hydrogel Films. <i>Advanced Materials</i> , 2018, 30, 1803140.	11.1	8
5	Selective Autonomous Molecular Transport and Collection by Hydrogel-Embedded Supramolecular Chemical Gradients. <i>Angewandte Chemie</i> , 2019, 131, 18333-18338.	1.6	6
6	Autonomic Molecular Transport for Ultrasensitive Surface-Enhanced Infrared Absorption Spectroscopy. <i>ACS Applied Polymer Materials</i> , 2020, 2, 3929-3935.	2.0	5
7	High Energy Density and Stable Three-Dimensionally Structured Se-Loaded Bicontinuous Porous Carbon Battery Electrodes. <i>Energy Technology</i> , 2021, 9, 2100175.	1.8	4
8	Innenteilbild: Selective Autonomous Molecular Transport and Collection by Hydrogel-Embedded Supramolecular Chemical Gradients (<i>Angew. Chem.</i> 50/2019). <i>Angewandte Chemie</i> , 2019, 131, 18046-18046.	1.6	0