

Kan Zhan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1602206/publications.pdf>

Version: 2024-02-01

11
papers

504
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

679
citing authors

#	ARTICLE	IF	CITATIONS
1	Interface Design of Nanochannels for Energy Utilization. ACS Nano, 2018, 12, 908-911.	14.6	118
2	Dynamic Curvature Nanochannel-Based Membrane with Anomalous Ionic Transport Behaviors and Reversible Rectification Switch. Advanced Materials, 2019, 31, e1805130.	21.0	114
3	Chemiresistive nanosensors with convex/concave structures. Nano Today, 2018, 20, 84-100.	11.9	63
4	Two dimensional nanomaterial-based separation membranes. Electrophoresis, 2019, 40, 2029-2040.	2.4	47
5	Pd nanoparticles encaged in nanoporous interpenetrating polymer networks: A robust recyclable catalyst for Heck reactions. Reactive and Functional Polymers, 2011, 71, 756-765.	4.1	44
6	Tunable Microscale Porous Systems with Dynamic Liquid Interfaces. Small, 2018, 14, e1703283.	10.0	36
7	Soft interface design for electrokinetic energy conversion. Soft Matter, 2020, 16, 2915-2927.	2.7	36
8	Performance analysis of solid-state nanopore chemical sensor. Sensors and Actuators B: Chemical, 2019, 286, 315-320.	7.8	24
9	A glass nanopore ionic sensor for surface charge analysis. RSC Advances, 2020, 10, 21615-21620.	3.6	11
10	Polymer hydrogel confined palladium nanoparticles as recyclable catalysts for Suzuki and Heck cross-coupling reactions. Chinese Chemical Letters, 2020, 31, 1630-1634.	9.0	10
11	Ultrasensitive and Selective Mercury(II) Ion Detection with a Glass Nanopore. , 2019, , .		0