

Shuaidi Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2370505/publications.pdf>

Version: 2024-02-01

18
papers

953
citations

777949

13
h-index

939365

18
g-index

19
all docs

19
docs citations

19
times ranked

2273
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-assembling Polysaccharide Nanocrystals and Nanofibers for Robust Chiral Iridescent Films. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35345-35353.	4.0	17
2	Enhanced Electrochemical Dark-Field Scattering Modulation on a Single Hybrid Core-Shell Nanostructure. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28343-28352.	1.5	10
3	Enhancing Plasmonic-Photonic Hybrid Cavity Modes by Coupling of Individual Plasmonic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24255-24262.	1.5	14
4	Coupled Whispering Gallery Mode Resonators via Template-Assisted Assembly of Photoluminescent Microspheres. <i>Advanced Functional Materials</i> , 2019, 29, 1902520.	7.8	5
5	Heterogeneous forward and backward scattering modulation by polymer-infused plasmonic nanohole arrays. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3090-3099.	2.7	8
6	Naturally-derived biopolymer nanocomposites: Interfacial design, properties and emerging applications. <i>Materials Science and Engineering Reports</i> , 2018, 125, 1-41.	14.8	182
7	Wrapping Nanocellulose Nets around Graphene Oxide Sheets. <i>Angewandte Chemie</i> , 2018, 130, 8644-8649.	1.6	15
8	Wrapping Nanocellulose Nets around Graphene Oxide Sheets. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8508-8513.	7.2	93
9	Dual-Excitation Nanocellulose Plasmonic Membranes for Molecular and Cellular SERS Detection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 18380-18389.	4.0	42
10	Ligand-Exchange Dynamics on Gold Nanocrystals: Direct Monitoring of Nanoscale Polyvinylpyrrolidone-Thiol Domain Surface Morphology. <i>Langmuir</i> , 2017, 33, 3576-3587.	1.6	14
11	Synthesis, Assembly, and Applications of Hybrid Nanostructures for Biosensing. <i>Chemical Reviews</i> , 2017, 117, 12942-13038.	23.0	258
12	Interfacial Shear Strength and Adhesive Behavior of Silk Ionomer Surfaces. <i>Biomacromolecules</i> , 2017, 18, 2876-2886.	2.6	14
13	Template-Guided Assembly of Silk Fibroin on Cellulose Nanofibers for Robust Nanostructures with Ultrafast Water Transport. <i>ACS Nano</i> , 2017, 11, 12008-12019.	7.3	107
14	Self-Powered Electronic Skin with Biotactile Selectivity. <i>Advanced Materials</i> , 2016, 28, 3549-3556.	11.1	97
15	Biotactile Sensors: Self-Powered Electronic Skin with Biotactile Selectivity (<i>Adv. Mater.</i> 18/2016). <i>Advanced Materials</i> , 2016, 28, 3414-3414.	11.1	2
16	Ultrastrong Freestanding Graphene Oxide Nanomembranes with Surface-Enhanced Raman Scattering Functionality by Solvent-Assisted Single-Component Layer-by-Layer Assembly. <i>ACS Nano</i> , 2016, 10, 6702-6715.	7.3	45
17	Size effect on order-disorder transition kinetics of FePt nanoparticles. <i>Journal of Chemical Physics</i> , 2014, 140, 044328.	1.2	18
18	Facile synthesis of rod-like Ag _{0.33} V ₂ O ₅ crystallites with enhanced cyclic stability for lithium batteries. <i>Materials Letters</i> , 2013, 109, 92-95.	1.3	12