

Hu Zhu

List of Publications by Year in descending order

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11
papers

275
citations

1039406

9
h-index

1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer-Templated Gold Nanoparticles on Optical Fibers for Enhanced-Sensitivity Localized Surface Plasmon Resonance Biosensors. <i>ACS Sensors</i> , 2019, 4, 613-622.	4.0	95
2	Block Copolymer Brush Layer-Templated Gold Nanoparticles on Nanofibers for Surface-Enhanced Raman Scattering Optophysiology. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4373-4384.	4.0	39
3	Wavelength-Tunable Optical Fiber Localized Surface Plasmon Resonance Biosensor <i>via</i> a Diblock Copolymer-Templated Nanorod Monolayer. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 50929-50940.	4.0	28
4	Solvent effects leading to a variety of different 2D structures in the self-assembly of a crystalline-coil block copolymer with an amphiphilic corona-forming block. <i>Chemical Science</i> , 2020, 11, 4631-4643.	3.7	26
5	Colloidal stability of nanoparticles stabilized with mixed ligands in solvents with varying polarity. <i>Chemical Communications</i> , 2020, 56, 8131-8134.	2.2	20
6	Monolayer Arrays of Nanoparticles on Block Copolymer Brush Films. <i>Langmuir</i> , 2019, 35, 5114-5124.	1.6	18
7	Comparative study of block copolymer-templated localized surface plasmon resonance optical fiber biosensors: CTAB or citrate-stabilized gold nanorods. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129094.	4.0	16
8	Templating Gold Nanoparticles on Nanofibers Coated with a Block Copolymer Brush for Nanosensor Applications. <i>ACS Applied Nano Materials</i> , 2020, 3, 516-529.	2.4	14
9	Enhancement of Gold Nanoparticle Coupling with a 2D Plasmonic Crystal at High Incidence Angles. <i>Analytical Chemistry</i> , 2018, 90, 6683-6692.	3.2	12
10	Combining Dense Au Nanoparticle Layers and 2D Surface-Enhanced Raman Scattering Arrays for the Identification of Mutant Cyanobacteria Using Machine Learning. <i>Journal of Physical Chemistry C</i> , 2022, 126, 9446-9455.	1.5	6
11	Dissolution of Absorbent Cotton in Ionic Liquid and Characterization of the Regenerated Cellulose. <i>Advanced Materials Research</i> , 2013, 830, 163-166.	0.3	1