

Lu Zheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4677606/publications.pdf>

Version: 2024-02-01

12
papers

195
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of High-Quality Colloidal Mask for Nanosphere Lithography by a Combination of Air/Water Interface Self-Assembly and Solvent Vapor Annealing. <i>Langmuir</i> , 2012, 28, 12681-12689.	3.5	51
2	Thermal annealing of colloidal monolayer at the air/water interface: a facile approach to transferrable colloidal masks with tunable interstice size for nanosphere lithography. <i>Journal of Materials Chemistry</i> , 2012, 22, 22678.	6.7	42
3	Layer-by-Layer Approach to (2+1)D Photonic Crystal Superlattice with Enhanced Crystalline Integrity. <i>Small</i> , 2015, 11, 4910-4921.	10.0	33
4	Fabrication of volcano-shaped nano-patterned sapphire substrates using colloidal self-assembly and wet chemical etching. <i>Nanotechnology</i> , 2013, 24, 335301.	2.6	24
5	Solvent-Assisted Interfacial Tension Deformation of Spherical Particles for the Fabrication of Non-Spherical Particle Arrays. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 812-817.	2.3	10
6	Colloidal monolayer at the air/water interface: Large-area self-assembly and in-situ annealing. <i>Thin Solid Films</i> , 2013, 544, 557-561.	1.8	7
7	Quantitative Characterization of Mechanical Property of Annealed Monolayer Colloidal Crystal. <i>Langmuir</i> , 2016, 32, 451-459.	3.5	7
8	Hierarchically ordered arrays based on solvent vapor annealed colloidal monolayers for antireflective coating. <i>Thin Solid Films</i> , 2013, 544, 403-406.	1.8	5
9	Rapid nanostructuring of polymer colloid surfaces by nonsolvent induced phase separation. <i>Journal of Colloid and Interface Science</i> , 2015, 441, 39-45.	9.4	5
10	Phosphorene-directed self-assembly of asymmetric PS-b-PMMA block copolymer for perpendicularly-oriented sub-10 nm PS nanopore arrays. <i>Nanotechnology</i> , 2017, 28, 424001.	2.6	5
11	Monolayer colloidal mask with tunable interstice size for nanosphere lithography. <i>Thin Solid Films</i> , 2013, 544, 83-87.	1.8	3
12	Facile Fabrication of Anisotropic Colloidal Particles with Controlled Shapes and Shape Dependence of Their Elastic Properties. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 842-850.	2.3	3