

Xin Qi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1198204/publications.pdf>

Version: 2024-02-01

14
papers

308
citations

1163117

8
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

360
citing authors

#	ARTICLE	IF	CITATIONS
1	How Structure-Directing Agents Control Nanocrystal Shape: Polyvinylpyrrolidone-Mediated Growth of Ag Nanocubes. <i>Nano Letters</i> , 2015, 15, 7711-7717.	9.1	98
2	Theory of the thermodynamic influence of solution-phase additives in shape-controlled nanocrystal synthesis. <i>Nanoscale</i> , 2017, 9, 15635-15642.	5.6	32
3	Multi-scale theory and simulation of shape-selective nanocrystal growth. <i>CrystEngComm</i> , 2016, 18, 5410-5417.	2.6	30
4	Growth Mechanism of Five-Fold Twinned Ag Nanowires from Multiscale Theory and Simulations. <i>ACS Nano</i> , 2019, 13, 4647-4656.	14.6	30
5	Obtaining the solid-liquid interfacial free energy via multi-scheme thermodynamic integration: Ag-ethylene glycol interfaces. <i>Journal of Chemical Physics</i> , 2016, 145, 194108.	3.0	27
6	Predicting kinetic nanocrystal shapes through multi-scale theory and simulation: Polyvinylpyrrolidone-mediated growth of Ag nanocrystals. <i>Journal of Chemical Physics</i> , 2016, 145, 144106.	3.0	25
7	Theoretical Perspectives on the Influence of Solution-Phase Additives in Shape-Controlled Nanocrystal Synthesis. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18785-18794.	3.1	20
8	Solvent Effects on Molecular Adsorption on Ag Surfaces: Polyvinylpyrrolidone Oligomers. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14566-14573.	3.1	20
9	Predictive Theoretical Framework for Dynamic Control of Bioinspired Hybrid Nanoparticle Self-Assembly. <i>ACS Nano</i> , 2022, 16, 1919-1928.	14.6	10
10	Molecular Driving Force for Facet Selectivity of Sequence-Defined Amphiphilic Peptoids at Au-Water Interfaces. <i>Journal of Physical Chemistry B</i> , 2022, 126, 5117-5126.	2.6	6
11	Peptoid-Directed Formation of Five-Fold Twinned Au Nanostars through Particle Attachment and Facet Stabilization. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	5
12	Peptoid-Directed Formation of Five-Fold Twinned Au Nanostars through Particle Attachment and Facet Stabilization. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
13	Frontispiece: Peptoid-Directed Formation of Five-Fold Twinned Au Nanostars through Particle Attachment and Facet Stabilization. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	1
14	Frontispiz: Peptoid-Directed Formation of Five-Fold Twinned Au Nanostars through Particle Attachment and Facet Stabilization. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0