

Guanhua Lin

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

543
citations

759233

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h-index

794594

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21
all docs

21
docs citations

21
times ranked

907
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Observation of Interactions between Nanoparticles and Nanoparticle Self-Assembly in Solution. <i>Accounts of Chemical Research</i> , 2017, 50, 1303-1312.	15.6	97
2	Sensitive electrochemical immunosensor for α -fetoprotein based on graphene/SnO ₂ /Au nanocomposite. <i>Biosensors and Bioelectronics</i> , 2015, 71, 82-87.	10.1	79
3	A Simple Synthesis Method for Gold Nano- and Microplate Fabrication Using a Tree-Type Multiple-Amine Head Surfactant. <i>Crystal Growth and Design</i> , 2010, 10, 1118-1123.	3.0	69
4	Linker-Mediated Self-Assembly Dynamics of Charged Nanoparticles. <i>ACS Nano</i> , 2016, 10, 7443-7450.	14.6	59
5	Nanodroplet-Mediated Assembly of Platinum Nanoparticle Rings in Solution. <i>Nano Letters</i> , 2016, 16, 1092-1096.	9.1	38
6	New Dendritic Polydiacetylene Sensor with Good Reversible Thermochromic Ability in Aqueous Solution and Solid Film. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11918-11923.	8.0	31
7	Highly efficient chemically-driven micromotors with controlled snowman-like morphology. <i>Chemical Communications</i> , 2020, 56, 15301-15304.	4.1	31
8	Ionic Effects in Ionic Diffusiophoresis in Chemically Driven Active Colloids. <i>Physical Review Letters</i> , 2021, 127, 168001.	7.8	26
9	Plasmon-enhanced fluorescence provided by silver nanoprisms for sensitive detection of sulfide. <i>Sensors and Actuators B: Chemical</i> , 2019, 292, 241-246.	7.8	21
10	Copper hydroxide nano and microcrystal: Facile synthesis, shape evolution and their catalytic properties. <i>Journal of Colloid and Interface Science</i> , 2011, 353, 392-397.	9.4	18
11	Collective Dynamics of Bulk Nanobubbles with Size-Dependent Surface Tension. <i>Langmuir</i> , 2021, 37, 7986-7994.	3.5	16
12	Self-standing hollow porous AuPt nanospheres and their enhanced electrocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 396-403.	9.4	12
13	Design and One-Pot Synthesis of Capsid-like Gold Colloids with Tunable Surface Roughness and Their Enhanced Sensing and Catalytic Performances. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 50152-50160.	8.0	11
14	Self-assembly of hydrophobic gold nanoparticles and adhesion property of their assembled monolayer films. <i>Journal of Colloid and Interface Science</i> , 2017, 501, 241-247.	9.4	8
15	Single Tungsten Atom-Modified Cotton Fabrics for Visible-Light-Driven Photocatalytic Degradation and Antibacterial Activity. <i>ACS Applied Bio Materials</i> , 2021, 4, 4345-4353.	4.6	8
16	Magnetic Manipulation and Assembly of Nonmagnetic Colloidal Rods in a Ferrofluid. <i>Langmuir</i> , 2021, 37, 1429-1437.	3.5	5
17	Inorganic-Organic Hybrid Copolymeric Colloids as Multicolor Emission, Fuel-Free, UV- and Visible-Light-Actuated Micropumps. <i>Small</i> , 2022, 18, e2107621.	10.0	5
18	Generation of Nanodroplet Reactors and Their Applications in In Situ Controllable Synthesis and Transportation of Ag Nanoparticles. <i>Advanced Science</i> , 2021, 8, 2002672.	11.2	4

#	ARTICLE	IF	CITATIONS
19	Molecular-level design of excellent reversible thermochromic polydiacetylene materials with the simultaneous enhancement of multiple performances. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7041-7050.	5.9	4
20	Self-Organization of Binary Colloidal Mixtures via Diffusiohporesis. <i>Frontiers in Chemistry</i> , 2022, 10, 803906.	3.6	1
21	Visualizing Nanoscale Assembly in Solution Using In Situ TEM. <i>Microscopy and Microanalysis</i> , 2016, 22, 34-35.	0.4	0