

Wensheng Lu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

542
citations

759233

12
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

942
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile one-pot synthesis of Pd@PEDOT/graphene nanocomposites with hierarchical structure and high electrocatalytic performance for ethanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1077-1088.	10.3	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	Guanosine Assembly Enabled Gold Nanorods with Dual Thermo- and Photoswitchable Plasmonic Chiroptical Activity. <i>ACS Nano</i> , 2020, 14, 6087-6096.	14.6	35
5	A unique thermo-induced gel-to-gel transition in a pH-sensitive small-molecule hydrogel. <i>Scientific Reports</i> , 2017, 7, 8459.	3.3	34
6	Nanogold hollow balls with dendritic surface for hybridization of DNA. <i>Biosensors and Bioelectronics</i> , 2007, 22, 1101-1105.	10.1	31
7	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
8	Facile preparation of gold nanocages and hollow gold nanospheres via solvent thermal treatment and their surface plasmon resonance and photothermal properties. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 236-244.	9.4	29
9	Helically Grooved Gold Nanoarrows: Controlled Fabrication, Superhelix, and Transcribed Chiroptical Switching. <i>CCS Chemistry</i> , 2021, 3, 2473-2484.	7.8	29
10	Capillary Force Driving Directional 1D Assembly of Patchy Colloidal Discs. <i>ACS Macro Letters</i> , 2019, 8, 363-367.	4.8	18
11	Synthesis of CuO nano/micro-crystals with controlled dimensionality and morphology and their electrochemical properties. <i>CrystEngComm</i> , 2013, 15, 6690.	2.6	12
12	Facile fabrication of poly(o-methoxyaniline)-modified graphene hybrid material as a highly active catalyst support for methanol oxidation. <i>RSC Advances</i> , 2014, 4, 24156.	3.6	12
13	pH responsive vesicles with tunable size formed by single-tailed surfactants with a dendritic headgroup. <i>RSC Advances</i> , 2017, 7, 22079-22085.	3.6	12
14	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
15	One-pot Seedless Synthesis of Uniform Gold Nanoshells and Their Photothermal Conversion Property. <i>ChemistrySelect</i> , 2016, 1, 659-663.	1.5	9
16	One-pot synthesis of Pt hollow spheres and their performance on electrochemical catalysis. <i>New Journal of Chemistry</i> , 2015, 39, 4231-4234.	2.8	8
17	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
18	Effect of the hydrophobic chain length of a surfactant on controlling the morphology of gold crystals. <i>CrystEngComm</i> , 2015, 17, 9216-9220.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Shape separation of gold nanoparticles using a pH-responsive amphiphilic dendrimer according to their shape anisotropy distinction. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 311-315.	9.4	5
20	Moderate the adsorption of cationic surfactant on gold surface by mixing with sparingly soluble anionic surfactant. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 16-22.	9.4	4
21	Effect of Immobilization Supports on the Amperometric Response of Silver Nanoparticles Enhanced Glucose Oxidase Electrodes. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 134-138.	2.4	3