Wensheng Lu

List of Publications by Year
in descending order

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		759233	713466
21	542	12	21
papers	citations	h-index	g-index

21	21	21	942
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Helically Grooved Gold Nanoarrows: Controlled Fabrication, Superhelix, and Transcribed Chiroptical Switching. CCS Chemistry, 2021, 3, 2473-2484.	7.8	29
2	Guanosine Assembly Enabled Gold Nanorods with Dual Thermo- and Photoswitchable Plasmonic Chiroptical Activity. ACS Nano, 2020, 14, 6087-6096.	14.6	35
3	Self-standing hollow porous AuPt nanospheres and their enhanced electrocatalytic performance. Journal of Colloid and Interface Science, 2019, 554, 396-403.	9.4	12
4	Capillary Force Driving Directional 1D Assembly of Patchy Colloidal Discs. ACS Macro Letters, 2019, 8, 363-367.	4.8	18
5	Self-assembly of hydrophobic gold nanoparticles and adhesion property of their assembled monolayer films. Journal of Colloid and Interface Science, 2017, 501, 241-247.	9.4	8
6	pH responsive vesicles with tunable size formed by single-tailed surfactants with a dendritic headgroup. RSC Advances, 2017, 7, 22079-22085.	3.6	12
7	New Dendritic Polydiacetylene Sensor with Good Reversible Thermochromic Ability in Aqueous Solution and Solid Film. ACS Applied Materials & Interfaces, 2017, 9, 11918-11923.	8.0	31
8	A unique thermo-induced gel-to-gel transition in a pH-sensitive small-molecule hydrogel. Scientific Reports, 2017, 7, 8459.	3.3	34
9	One-pot Seedless Synthesis of Uniform Gold Nanoshells and Their Photothermal Conversion Property. ChemistrySelect, 2016, 1, 659-663.	1.5	9
10	Effect of the hydrophobic chain length of a surfactant on controlling the morphology of gold crystals. CrystEngComm, 2015, 17, 9216-9220.	2.6	5
11	One-pot synthesis of Pt hollow spheres and their performance on electrochemical catalysis. New Journal of Chemistry, 2015, 39, 4231-4234.	2.8	8
12	Sensitive electrochemical immunosensor for Î±-fetoprotein based on graphene/SnO 2 /Au nanocomposite. Biosensors and Bioelectronics, 2015, 71, 82-87.	10.1	79
13	Facile preparation of gold nanocages and hollow gold nanospheres via solvent thermal treatment and their surface plasmon resonance and photothermal properties. Journal of Colloid and Interface Science, 2015, 440, 236-244.	9.4	29
14	Facile one-pot synthesis of Pdâ€“PEDOT/graphene nanocomposites with hierarchical structure and high electrocatalytic performance for ethanol oxidation. Journal of Materials Chemistry A, 2015, 3, 1077-1088.	10.3	97
15	Shape separation of gold nanoparticles using a pH-responsive amphiphilic dendrimer according to their shape anisotropy distinction. Journal of Colloid and Interface Science, 2015, 437, 311-315.	9.4	5
16	Moderate the adsorption of cationic surfactant on gold surface by mixing with sparingly soluble anionic surfactant. Journal of Colloid and Interface Science, 2015, 440, 16-22.	9.4	4
17	Facile fabrication of poly(o-methoxyaniline)-modified graphene hybrid material as a highly active catalyst support for methanol oxidation. RSC Advances, 2014, 4, 24156.	3.6	12
18	Synthesis of CuO nano/micro-crystals with controlled dimensionality and morphology and their electrochemical properties. CrystEngComm, 2013, 15, 6690.	2.6	12

#	Article	IF	Citations
19	A Simple Synthesis Method for Gold Nano- and Microplate Fabrication Using a Tree-Type Multiple-Amine Head Surfactant. Crystal Growth and Design, 2010, 10, 1118-1123.	3.0	69
20	Effect of Immobilization Supports on the Amperometric Response of Silver Nanoparticles Enhanced Glucose Oxidase Electrodes. Journal of Dispersion Science and Technology, 2008, 29, 134-138.	2.4	3
21	Nanogold hollow balls with dendritic surface for hybridization of DNA. Biosensors and Bioelectronics, 2007, 22, 1101-1105.	10.1	31