Zheng Li

List of Publications by Year
in descending order

		394421	434195
29	4,265	19	31
papers	citations	h-index	g-index

31	31	31	5542
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering of Exciton Spatial Distribution in CdS Nanoplatelets. Nano Letters, 2021, 21, 5201-5208.	9.1	18
2	Surface-Enhanced Infrared Absorption of Ligands on Colloidal Gold Nanowires through Resonant Coupling. Analytical Chemistry, 2020, 92, 3494-3498.	6.5	3
3	Delving noble metal and semiconductor nanomaterials into enantioselective analysis. Chinese Chemical Letters, 2019, 30, 1565-1574.	9.0	8
4	Tumor-Targeted Graphitic Carbon Nitride Nanoassembly for Activatable Two-Photon Fluorescence Imaging. Analytical Chemistry, 2018, 90, 4649-4656.	6.5	49
5	Symmetry-Breaking for Formation of Rectangular CdSe Two-Dimensional Nanocrystals in Zinc-Blende Structure. Journal of the American Chemical Society, 2017, 139, 10009-10019.	13.7	66
6	Significant enhancement of photocatalytic water splitting enabled by elimination of surface traps in Pt-tipped CdSe nanorods. Nanoscale, 2016, 8, 18621-18625.	5.6	16
7	Visualizing Redox Dynamics of a Single Ag/AgCl Heterogeneous Nanocatalyst at Atomic Resolution. ACS Nano, 2016, 10, 3738-3746.	14.6	61
8	Reversible Modulation of Surface Plasmons in Gold Nanoparticles Enabled by Surface Redox Chemistry. Angewandte Chemie - International Edition, 2015, 54, 8948-8951.	13.8	20
9	Silver chlorobromide nanocubes with significantly improved uniformity: synthesis and assembly into photonic crystals. Journal of Materials Chemistry C, 2015, 3, 58-65.	5.5	24
10	In situ high-energy synchrotron X-ray diffraction revealing precipitation reaction kinetics of silver ions with mixed halide ions. Journal of Materials Chemistry C, 2015, 3, 7492-7498.	5.5	8
11	Exceptional enhancement of Raman scattering on silver chlorobromide nanocube photonic crystals: chemical and photonic contributions. Journal of Materials Chemistry C, 2015, 3, 2455-2461.	5.5	5
12	Highly Asymmetric, Interfaced Dimers Made of Au Nanoparticles and Bimetallic Nanoshells: Synthesis and Photoâ€Enhanced Catalysis. Advanced Functional Materials, 2014, 24, 2828-2836.	14.9	47
13	Silver nanowire/thermoplastic polyurethane elastomer nanocomposites: Thermal, mechanical, and dielectric properties. Materials & Design, 2014, 56, 398-404.	5.1	101
14	Promoting photocatalytic multiple-electron reduction in aerobic solutions using Au-tipped CdSe nanorod clusters. Chemical Communications, 2014, 50, 1411.	4.1	15
15	Quantitative determination of fragmentation kinetics and thermodynamics of colloidal silver nanowires by in situ high-energy synchrotron X-ray diffraction. Nanoscale, 2014, 6, 365-370.	5.6	19
16	Enhanced photocatalysis by hybrid hierarchical assembly of plasmonic nanocrystals with high surface areas. Catalysis Today, 2014, 225, 177-184.	4.4	9
17	Interfaced Metal Heterodimers in the Quantum Size Regime. Nano Letters, 2013, 13, 3958-3964.	9.1	53
18	Silver chlorobromide nanoparticles with highly pure phases: synthesis and characterization. Journal of Materials Chemistry A, 2013, 1, 6786.	10.3	20

#	Article	IF	Citations
19	Uniform thickness and colloidal-stable CdS quantum disks with tunable thickness: Synthesis and properties. Nano Research, 2012, 5, 337-351.	10.4	107
20	Size/Shape-Controlled Synthesis of Colloidal CdSe Quantum Disks: Ligand and Temperature Effects. Journal of the American Chemical Society, 2011, 133, 6578-6586.	13.7	250
21	Correlation of CdS Nanocrystal Formation with Elemental Sulfur Activation and Its Implication in Synthetic Development. Journal of the American Chemical Society, 2011, 133, 17248-17256.	13.7	104
22	Nucleation Kinetics vs Chemical Kinetics in the Initial Formation of Semiconductor Nanocrystals. Journal of the American Chemical Society, 2009, 131, 15457-15466.	13.7	179
23	Nitrogen-containing carbon spheres with very large uniform mesopores: The superior electrode materials for EDLC in organic electrolyte. Carbon, 2007, 45, 1757-1763.	10.3	330
24	Nitrogen enriched mesoporous carbon spheres obtained by a facile method and its application for electrochemical capacitor. Electrochemistry Communications, 2007, 9, 569-573.	4.7	255
25	Synthesis and phase behaviors of bicontinuous cubic mesoporous silica from triblock copolymer mixed anionic surfactant. Microporous and Mesoporous Materials, 2007, 105, 34-40.	4.4	26
26	Anionic surfactant induced mesophase transformation to synthesize highly ordered large-pore mesoporous silica structures. Journal of Materials Chemistry, 2006, 16, 1511.	6.7	130
27	Ordered Mesoporous Polymers and Homologous Carbon Frameworks: Amphiphilic Surfactant Templating and Direct Transformation. Angewandte Chemie - International Edition, 2005, 44, 7053-7059.	13.8	1,218
28	Nonionic Block Copolymer and Anionic Mixed Surfactants Directed Synthesis of Highly Ordered Mesoporous Silica with Bicontinuous Cubic Structure. Chemistry of Materials, 2005, 17, 3228-3234.	6.7	91
29	Synthesis of 2â€Oxoâ€[1,2,4]triazolo[3,2â€d][1,5]benzoxazepines: A Kind of Novel Tricyclic O,Nâ€Heterocycles. Synthetic Communications, 2004, 34, 1691-1702.	2.1	5