

Zheng Li

List of Publications by Year in descending order

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29
papers

4,265
citations

394421

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434195

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all docs

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docs citations

31
times ranked

5542
citing authors

#	ARTICLE	IF	CITATIONS
1	Ordered Mesoporous Polymers and Homologous Carbon Frameworks: Amphiphilic Surfactant Templating and Direct Transformation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7053-7059.	13.8	1,218
2	Nitrogen-containing carbon spheres with very large uniform mesopores: The superior electrode materials for EDLC in organic electrolyte. <i>Carbon</i> , 2007, 45, 1757-1763.	10.3	330
3	Nitrogen enriched mesoporous carbon spheres obtained by a facile method and its application for electrochemical capacitor. <i>Electrochemistry Communications</i> , 2007, 9, 569-573.	4.7	255
4	Size/Shape-Controlled Synthesis of Colloidal CdSe Quantum Disks: Ligand and Temperature Effects. <i>Journal of the American Chemical Society</i> , 2011, 133, 6578-6586.	13.7	250
5	Nucleation Kinetics vs Chemical Kinetics in the Initial Formation of Semiconductor Nanocrystals. <i>Journal of the American Chemical Society</i> , 2009, 131, 15457-15466.	13.7	179
6	Anionic surfactant induced mesophase transformation to synthesize highly ordered large-pore mesoporous silica structures. <i>Journal of Materials Chemistry</i> , 2006, 16, 1511.	6.7	130
7	Uniform thickness and colloidal-stable CdS quantum disks with tunable thickness: Synthesis and properties. <i>Nano Research</i> , 2012, 5, 337-351.	10.4	107
8	Correlation of CdS Nanocrystal Formation with Elemental Sulfur Activation and Its Implication in Synthetic Development. <i>Journal of the American Chemical Society</i> , 2011, 133, 17248-17256.	13.7	104
9	Silver nanowire/thermoplastic polyurethane elastomer nanocomposites: Thermal, mechanical, and dielectric properties. <i>Materials & Design</i> , 2014, 56, 398-404.	5.1	101
10	Nonionic Block Copolymer and Anionic Mixed Surfactants Directed Synthesis of Highly Ordered Mesoporous Silica with Bicontinuous Cubic Structure. <i>Chemistry of Materials</i> , 2005, 17, 3228-3234.	6.7	91
11	Symmetry-Breaking for Formation of Rectangular CdSe Two-Dimensional Nanocrystals in Zinc-Blende Structure. <i>Journal of the American Chemical Society</i> , 2017, 139, 10009-10019.	13.7	66
12	Visualizing Redox Dynamics of a Single Ag/AgCl Heterogeneous Nanocatalyst at Atomic Resolution. <i>ACS Nano</i> , 2016, 10, 3738-3746.	14.6	61
13	Interfaced Metal Heterodimers in the Quantum Size Regime. <i>Nano Letters</i> , 2013, 13, 3958-3964.	9.1	53
14	Tumor-Targeted Graphitic Carbon Nitride Nanoassembly for Activatable Two-Photon Fluorescence Imaging. <i>Analytical Chemistry</i> , 2018, 90, 4649-4656.	6.5	49
15	Highly Asymmetric, Interfaced Dimers Made of Au Nanoparticles and Bimetallic Nanoshells: Synthesis and Photoenhanced Catalysis. <i>Advanced Functional Materials</i> , 2014, 24, 2828-2836.	14.9	47
16	Synthesis and phase behaviors of bicontinuous cubic mesoporous silica from triblock copolymer mixed anionic surfactant. <i>Microporous and Mesoporous Materials</i> , 2007, 105, 34-40.	4.4	26
17	Silver chlorobromide nanocubes with significantly improved uniformity: synthesis and assembly into photonic crystals. <i>Journal of Materials Chemistry C</i> , 2015, 3, 58-65.	5.5	24
18	Silver chlorobromide nanoparticles with highly pure phases: synthesis and characterization. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6786.	10.3	20

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19	Reversible Modulation of Surface Plasmons in Gold Nanoparticles Enabled by Surface Redox Chemistry. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8948-8951.	13.8	20
20	Quantitative determination of fragmentation kinetics and thermodynamics of colloidal silver nanowires by in situ high-energy synchrotron X-ray diffraction. <i>Nanoscale</i> , 2014, 6, 365-370.	5.6	19
21	Engineering of Exciton Spatial Distribution in CdS Nanoplatelets. <i>Nano Letters</i> , 2021, 21, 5201-5208.	9.1	18
22	Significant enhancement of photocatalytic water splitting enabled by elimination of surface traps in Pt-tipped CdSe nanorods. <i>Nanoscale</i> , 2016, 8, 18621-18625.	5.6	16
23	Promoting photocatalytic multiple-electron reduction in aerobic solutions using Au-tipped CdSe nanorod clusters. <i>Chemical Communications</i> , 2014, 50, 1411.	4.1	15
24	Enhanced photocatalysis by hybrid hierarchical assembly of plasmonic nanocrystals with high surface areas. <i>Catalysis Today</i> , 2014, 225, 177-184.	4.4	9
25	In situ high-energy synchrotron X-ray diffraction revealing precipitation reaction kinetics of silver ions with mixed halide ions. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7492-7498.	5.5	8
26	Delving noble metal and semiconductor nanomaterials into enantioselective analysis. <i>Chinese Chemical Letters</i> , 2019, 30, 1565-1574.	9.0	8
27	Synthesis of 2-oxo-1,2,4-triazolo[3,2-d][1,5]benzoxazines: A Kind of Novel Tricyclic O,N-Heterocycles. <i>Synthetic Communications</i> , 2004, 34, 1691-1702.	2.1	5
28	Exceptional enhancement of Raman scattering on silver chlorobromide nanocube photonic crystals: chemical and photonic contributions. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2455-2461.	5.5	5
29	Surface-Enhanced Infrared Absorption of Ligands on Colloidal Gold Nanowires through Resonant Coupling. <i>Analytical Chemistry</i> , 2020, 92, 3494-3498.	6.5	3