

The Role of Ligands in the Chemical Synthesis and Appl

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Reaction mechanisms at the homogeneous–heterogeneous frontier: insights from first-principles studies on ligand-decorated metal nanoparticles. <i>Catalysis Science and Technology</i> , 2019, 9, 5173-5185.	2.1	33
2	Long-Term Colloidal and Chemical Stability in Aqueous Media of NaYF ₄ -Type Upconversion Nanoparticles Modified by Ligand-Exchange. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900235.	1.2	55
3	Protein-Protected Porous Bimetallic AgPt Nanoparticles with pH-Switchable Peroxidase/Catalase-Mimicking Activity. , 2019, 1, 310-319.		35
4	Continuous Flow Methods of Fabricating Catalytically Active Metal Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27479-27502.	4.0	34
5	Perovskite nanocrystals for energy conversion and storage. <i>Nanophotonics</i> , 2019, 8, 1607-1640.	2.9	78
6	Microenvironment Engineering of Ruthenium Nanoparticles Incorporated into Silica Nanoreactors for Enhanced Hydrogenations. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14483-14488.	7.2	71
7	Microenvironment Engineering of Ruthenium Nanoparticles Incorporated into Silica Nanoreactors for Enhanced Hydrogenations. <i>Angewandte Chemie</i> , 2019, 131, 14625-14630.	1.6	10
8	Construction of Electrospun Organic/Inorganic Hybrid Nanofibers for Drug Delivery and Tissue Engineering Applications. <i>Advanced Fiber Materials</i> , 2019, 1, 32-45.	7.9	77
9	Assembly and Degradation of Inorganic Nanoparticles in Biological Environments. <i>Bioconjugate Chemistry</i> , 2019, 30, 2751-2762.	1.8	30
10	Cobalt and Iron Ions in MgO Nanocrystals: Should They Stay or Should They Go. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25991-26004.	1.5	8
11	Freeze-Facilitated Ligand Binding to Plasmonic Gold Nanorods. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900975.	1.9	10
12	Clickable gold nanoparticles for streamlining capture, enrichment and release of alkyne-labelled proteins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 126768.	1.0	1
13	Recent Advances in the Synthesis, Properties, and Biological Applications of Platinum Nanoclusters. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-31.	1.5	13
14	Microfluidics and catalyst particles. <i>Lab on A Chip</i> , 2019, 19, 3575-3601.	3.1	32
15	Assembly of Multicomponent Nano-Bioconjugates Composed of Mesoporous Silica Nanoparticles, Proteins, and Gold Nanoparticles. <i>ACS Omega</i> , 2019, 4, 11044-11052.	1.6	11
16	One step hydrothermal functionalization of gold nanoparticles with folic acid. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 533-538.	2.5	6
17	In situ growth of Pb-CsPbI_3 perovskite nanocrystals on the surface of reduced graphene oxide with enhanced stability and carrier transport quality. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6795-6804.	2.7	31
18	Stabilizer-Free CuIr Alloy Nanoparticle Catalysts. <i>Chemistry of Materials</i> , 2019, 31, 10225-10235.	3.2	16

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19	Multimodal Cleavable Reporters for Quantifying Carboxy and Amino Groups on Organic and Inorganic Nanoparticles. <i>Scientific Reports</i> , 2019, 9, 17577.	1.6	10
20	Multifunctional nanocomposite clusters enabled by amphiphilic/bioactive natural polysaccharides. <i>Chemical Engineering Journal</i> , 2020, 379, 122406.	6.6	11
21	The synthesis of switch-off fluorescent water-stable copper nanocluster Hg ²⁺ sensors via a simple one-pot approach by an <i>in situ</i> metal reduction strategy in the presence of a thiolated polymer ligand template. <i>Nanoscale</i> , 2020, 12, 944-955.	2.8	41
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23	Corona of Thorns: The Surface Chemistry-Mediated Protein Corona Perturbs the Recognition and Immune Response of Macrophages. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1997-2008.	4.0	100
24	Magnetically Recoverable Catalysts: Catalysis in Synthesis of Polyhydroquinolines. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5400.	1.7	135
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26	Capping 1,3-propanedithiol to boost the antibacterial activity of protein-templated copper nanoclusters. <i>Journal of Hazardous Materials</i> , 2020, 389, 121821.	6.5	26
27	Nanoparticle-assisted NMR spectroscopy: A chemosensing perspective. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2020, 117, 70-88.	3.9	14
28	Catalysis with Colloidal Ruthenium Nanoparticles. <i>Chemical Reviews</i> , 2020, 120, 1085-1145.	23.0	137
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38	Cyclodextrin-mediated colloidal synthesis of highly luminescent and stable CsPbBr ₃ perovskite nanocrystals. <i>New Journal of Chemistry</i> , 2020, 44, 17368-17373.	1.4	4
39	Silver-Alkylamine Complex Mediated Single Micelle toward Synthesis of Sub-8 nm Silver Nanocrystals. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 2000161.	1.2	3
40	Integrated analytical platforms for the comprehensive characterization of bioconjugated inorganic nanomaterials aiming at biological applications. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1518-1529.	1.6	15
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50	Proximity Effects of Methyl Group on Ligand Steric Interactions and Colloidal Stability of Palladium Nanoparticles. <i>Frontiers in Chemistry</i> , 2020, 8, 599.	1.8	2
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52	Aqueous synthesis of PEGylated Ag ₂ S quantum dots and their in vivo tumor targeting behavior. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 930-935.	1.0	14
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59	Easy colorimetric detection of gadolinium ions based on gold nanoparticles: key role of phosphine-sulfonate ligands. <i>Nanoscale Advances</i> , 2020, 2, 4671-4681.	2.2	11
60	Inducing Defects in ^{19}F -Nanocrystals Provides Paramagnetic-free Relaxation Enhancement for Improved <i>In Vivo</i> Hotspot MRI. <i>Nano Letters</i> , 2020, 20, 7207-7212.	4.5	18
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70	Self-Assembly of Perovskite CsPbBr_3 Quantum Dots Driven by a Photo-Induced Alkynyl Homocoupling Reaction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17207-17213.	7.2	19
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