

Catalysis by metallic nanoparticles in aqueous solution.

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Controllable synthesis of gold nanoparticles with ultrasmall size and high monodispersity via continuous supplement of precursor. Dalton Transactions, 2012, 41, 11725.	3.3	27
3	One-pot synthesis of responsive catalytic Au@PVP hybrid nanogels. Chemical Communications, 2012, 48, 11751.	4.1	57
4	A simple and sensitive sensor for rapid detection of sulfide anions using DNA-templated copper nanoparticles as fluorescent probes. Analyst, The, 2012, 137, 5502.	3.5	78
5	Tough and Catalytically Active Hybrid Biofibers Wet-Spun From Nanochitin Hydrogels. Biomacromolecules, 2012, 13, 4205-4212.	5.4	61
6	The structure of AuPd nanoalloys anchored on spherical polyelectrolyte brushes determined by X-ray absorption spectroscopy. Faraday Discussions, 2013, 162, 45.	3.2	12
7	Catalytic reduction of p-nitrophenol over precious metals/highly ordered mesoporous silica. New Journal of Chemistry, 2013, 37, 2399.	2.8	114
8	Identifying efficient natural bioreductants for the preparation of graphene and graphene-metal nanoparticle hybrids with enhanced catalytic activity from graphite oxide. Carbon, 2013, 63, 30-44.	10.3	42
9	Metal-free catalytic reduction of 4-nitrophenol to 4-aminophenol by N-doped graphene. Energy and Environmental Science, 2013, 6, 3260.	30.8	390
10	Investigation into the Catalytic Activity of Porous Platinum Nanostructures. Langmuir, 2013, 29, 11431-11439.	3.5	63
11	How Theoretical Simulations Can Address the Structure and Activity of Nanoparticles. Topics in Catalysis, 2013, 56, 1262-1272.	2.8	16
12	Organized Surfaces of Highly Faceted Single-Crystal Palladium Structures Seeded by Sacrificial Templates. Crystal Growth and Design, 2013, 13, 3847-3851.	3.0	11
13	Development of novel catalytically active polymer-metal-nanocomposites based on activated foams and textile fibers. Nanoscale Research Letters, 2013, 8, 238.	5.7	5
14	Novel synthesis of Pd nanoparticles for hydrogenation of biomass-derived platform chemicals showing enhanced catalytic performance. RSC Advances, 2013, 3, 25865.	3.6	72
15	Natural reducing agents for electroless nanoparticle deposition: Mild synthesis of metal/carbon nanostructured microspheres. Materials Chemistry and Physics, 2013, 140, 343-349.	4.0	14
16	Intelligent Hydrogels. , 2013, , .		13
17	Size-Dependent Hydrogenation of <i>p</i> -Nitrophenol with Pd Nanoparticles Synthesized with Poly(amido)amine Dendrimer Templates. Journal of Physical Chemistry C, 2013, 117, 22644-22651.	3.1	166
18	Gold nanoparticles for cleaning contaminated water. Journal of Chemical Technology and Biotechnology, 2013, 88, 735-741.	3.2	54
19	Development of a multifunctional catalyst for a α -relay reaction. RSC Advances, 2013, 3, 2186.	3.6	25

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20	Electronic Structure of Individual Hybrid Colloid Particles Studied by Near-Edge X-ray Absorption Fine Structure (NEXAFS) Spectroscopy in the X-ray Microscope. Nano Letters, 2013, 13, 824-828.	9.1	13
21	Responsive hybrid nanosheets of hyperbranched poly(ether amine) as a 2D-platform for metal nanoparticles. Chemical Communications, 2013, 49, 603-605.	4.1	24
22	A Facile Approach to TiO ₂ Colloidal Spheres Decorated with Au Nanoparticles Displaying Well-Defined Sizes and Uniform Dispersion. Langmuir, 2013, 29, 1642-1649.	3.5	100
23	Cross-linked lysozyme crystal templated synthesis of Au nanoparticles as high-performance recyclable catalysts. Nanotechnology, 2013, 24, 245601.	2.6	46
24	Super-Resolution Mapping of Reactive Sites on Titania-Based Nanoparticles with Water-Soluble Fluorogenic Probes. ACS Nano, 2013, 7, 263-275.	14.6	83
25	Multilayer Magnetic Composite Particles with Functional Polymer Brushes as Stabilizers for Gold Nanocolloids and Their Recyclable Catalysis. Journal of Physical Chemistry C, 2013, 117, 6363-6372.	3.1	49
26	Shape-controlled synthesis of metal nanocrystals. MRS Bulletin, 2013, 38, 335-344.	3.5	111
27	Anisotropic Seeded Growth of Cu ^M (M = Au, Pt, or Pd) Bimetallic Nanorods with Tunable Optical and Catalytic Properties. Journal of Physical Chemistry C, 2013, 117, 8924-8932.	3.1	104
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32	Scalable Parallel Screening of Catalyst Activity at the Single-Particle Level and Subdiffraction Resolution. ACS Catalysis, 2013, 3, 1448-1453.	11.2	62
33	Effect of Ligand and Solvent Structure on Size-Selective Nanoparticle Dispersibility and Fractionation in Gas-Expanded Liquid (GXL) Systems. Journal of Physical Chemistry C, 2013, 117, 14362-14373.	3.1	8
34	Water- and Organo-Dispersible Gold Nanoparticles Supported by Using Ammonium Salts of Hyperbranched Polystyrene: Preparation and Catalysis. Chemistry - an Asian Journal, 2013, 8, 3152-3163.	3.3	14
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41	Glucose-functionalized polystyrene particles designed for selective deposition of silver on the surface. RSC Advances, 2014, 4, 62878-62881.	3.6	19
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43	Mask-Assisted Seeded Growth of Segmented Metallic Heteronanostructures. Journal of Physical Chemistry C, 2014, 118, 28134-28142.	3.1	23
44	Dye-Mediated Growth of 2D Coppercarbodiimide (CuNCN) Nanostructures and their Metamorphosis into a 3D Cu@C _x N _y Hybrid. Particle and Particle Systems Characterization, 2014, 31, 557-560.	2.3	7
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54	Mechanochemical Synthesis of Maghemite/Silica Nanocomposites: Advanced Materials for Aqueous Room-Temperature Catalysis. ChemSusChem, 2014, 7, 1876-1880.	6.8	23
55	Catalytic and SERS Activities of Tryptophan-EDTA Capped Silver Nanoparticles. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1095-1101.	1.2	5
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82	A novel structured catalyst: gold supported on thin bimetallic (Ni, Co) carbonate hydroxide nanosheet arrays. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8230-8235.	10.3	9
83	Synthesis of ultrathin PtPdBi nanowire and its enhanced catalytic activity towards p-nitrophenol reduction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2977.	10.3	68
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116	Tunable Plasmonic Nanoparticles with Catalytically Active High-Index Facets. <i>Nano Letters</i> , 2014, 14, 3674-3682.	9.1	153
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