

Hong-Wei Gu

List of Publications by Year in descending order

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177
papers

15,410
citations

26630

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all docs

197
docs citations

197
times ranked

20484
citing authors

#	ARTICLE	IF	CITATIONS
1	Route to the Structure-Controlled Synthesis of Fe Nanobelts and Their Oxygen Evolution Reaction Application. <i>Inorganic Chemistry</i> , 2022, 61, 3024-3028.	4.0	3
2	Engineering the Electronic Structures of Metal-Organic Framework Nanosheets via Synergistic Doping of Metal Ions and Counteranions for Efficient Water Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15133-15140.	8.0	23
3	In Situ Simultaneous Cavitation-Doping Approach for Constructing Bimetallic Metal-Organic Framework Hollow Nanospheres with Enhanced Electrocatalytic Hydrogen Production. <i>Inorganic Chemistry</i> , 2022, 61, 5977-5981.	4.0	4
4	Sublayer Stable Fe Dopant in Porous Pd Metallene Boosts Oxygen Reduction Reaction. <i>ACS Nano</i> , 2022, 16, 522-532.	14.6	52
5	Engineering multiphase MoSe ₂ /NiSe heterostructure interfaces for superior hydrogen production electrocatalysis. <i>Applied Catalysis B: Environmental</i> , 2022, 312, 121434.	20.2	50
6	Facile synthesis of the encapsulation of Co-based multimetallic alloys/oxide nanoparticles nitrogen-doped carbon nanotubes as electrocatalysts for the HER/OER. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 27775-27786.	7.1	26
7	Fine tuning of supported covalent organic framework with molecular active sites loaded as efficient electrocatalyst for water oxidation. <i>Chemical Engineering Journal</i> , 2021, 415, 127850.	12.7	16
8	One-dimensional nitrogen-doped carbon frameworks embedded with zinc-cobalt nanoparticles for efficient overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 800-807.	9.4	23
9	Ultrathin amorphous iron-doped cobalt-molybdenum hydroxide nanosheets for advanced oxygen evolution reactions. <i>Nanoscale</i> , 2021, 13, 3153-3160.	5.6	24
10	Dual carbon-confined Sb ₂ Se ₃ nanoparticles with pseudocapacitive properties for high-performance lithium-ion half/full batteries. <i>Dalton Transactions</i> , 2021, 50, 6642-6649.	3.3	13
11	One-pot Synthesis of Pd/Azo-polymer as an Efficient Catalyst for 4-Nitrophenol Reduction and Suzuki-Miyaura Coupling Reaction. <i>Chemistry - an Asian Journal</i> , 2021, 16, 837-844.	3.3	14
12	Synthesis of the Platinum Nanoribbons Regulated by Fluorine and Applications in Electrocatalysis. <i>Inorganic Chemistry</i> , 2021, 60, 4366-4370.	4.0	5
13	A setaria-shaped Pd/Ni-NC electrocatalyst for high efficient hydrogen evolution reaction. <i>Chemical Engineering Journal Advances</i> , 2021, 6, 100101.	5.2	9
14	Hyper-dendritic PdZn nanocrystals as highly stable and efficient bifunctional electrocatalysts towards oxygen reduction and ethanol oxidation. <i>Chemical Engineering Journal</i> , 2021, 420, 130503.	12.7	27
15	Modulation of MoS ₂ interlayer dynamics by <i>in situ</i> N-doped carbon intercalation for high-rate sodium-ion half/full batteries. <i>Nanoscale</i> , 2021, 13, 18322-18331.	5.6	9
16	Pseudocapacitance-boosted ultrafast and stable Na-storage in NiTe ₂ coupled with N-doped carbon nanosheets for advanced sodium-ion half/full batteries. <i>Dalton Transactions</i> , 2021, 50, 17241-17248.	3.3	4
17	A stable PdCu@Pd core-shell nanobranches with enhanced activity and methanol-tolerant for oxygen reduction reaction. <i>Electrochimica Acta</i> , 2020, 354, 136680.	5.2	11
18	Electronic modulation of nickel selenide by copper doping and <i>in situ</i> carbon coating towards high-rate and high-energy density lithium ion half/full batteries. <i>Nanoscale</i> , 2020, 12, 23645-23652.	5.6	21

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19	Ultrathin sulfate-intercalated NiFe-layered double hydroxide nanosheets for efficient electrocatalytic oxygen evolution. <i>RSC Advances</i> , 2020, 10, 12145-12150.	3.6	23
20	A convenient detection system consisting of efficient Au@PtRu nanozymes and alcohol oxidase for highly sensitive alcohol biosensing. <i>Nanoscale Advances</i> , 2020, 2, 1583-1589.	4.6	20
21	Realizing Ultrahigh Mechanical Flexibility and >15% Efficiency of Flexible Organic Solar Cells via a "Welding" Flexible Transparent Electrode. <i>Advanced Materials</i> , 2020, 32, e1908478.	21.0	216
22	<i>In situ</i> surface-derivation of AgPdMo/MoS ₂ nanowires for synergistic hydrogen evolution catalysis in alkaline solution. <i>Nanoscale</i> , 2020, 12, 6472-6479.	5.6	9
23	Recent advances in pristine tri-metallic metal-organic frameworks toward the oxygen evolution reaction. <i>Nanoscale</i> , 2020, 12, 4816-4825.	5.6	83
24	Atom-precise incorporation of platinum into ultrafine transition metal carbides for efficient synergetic electrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4911-4919.	10.3	17
25	Iron-doped NiCo-MOF hollow nanospheres for enhanced electrocatalytic oxygen evolution. <i>Nanoscale</i> , 2020, 12, 14004-14010.	5.6	36
26	Hierarchical Nanotubes Constructed by Co ₉ S ₈ /MoS ₂ Ultrathin Nanosheets Wrapped with Reduced Graphene Oxide for Advanced Lithium Storage. <i>Chemistry - an Asian Journal</i> , 2019, 14, 170-176.	3.3	20
27	In Situ Generation of Bifunctional Fe-Doped MoS ₂ Nanocanopies for Efficient Electrocatalytic Water Splitting. <i>Inorganic Chemistry</i> , 2019, 58, 11202-11209.	4.0	84
28	MOF-derived uniform Ni nanoparticles encapsulated in carbon nanotubes grafted on rGO nanosheets as bifunctional materials for lithium-ion batteries and hydrogen evolution reaction. <i>Nanoscale</i> , 2019, 11, 15112-15119.	5.6	42
29	A hierarchically-assembled Fe-MoS ₂ /Ni ₃ S ₂ /nickel foam electrocatalyst for efficient water splitting. <i>Dalton Transactions</i> , 2019, 48, 12186-12192.	3.3	40
30	Synthesis of magnetite hybrid nanocomplexes to eliminate bacteria and enhance biofilm disruption. <i>Biomaterials Science</i> , 2019, 7, 2833-2840.	5.4	30
31	Synergetic Transparent Electrode Architecture for Efficient Non-Fullerene Flexible Organic Solar Cells with >12% Efficiency. <i>ACS Nano</i> , 2019, 13, 4686-4694.	14.6	86
32	Mesoporous AgPdPt Nanotubes as Electrocatalysts for the Oxygen Reduction Reaction. <i>ACS Applied Nano Materials</i> , 2019, 2, 1876-1882.	5.0	16
33	Facile Synthesis of Sea-Urchin-Like Pt and Pt/Au Nanodendrites and Their Enhanced Electrocatalytic Properties. <i>Inorganic Chemistry</i> , 2019, 58, 5375-5379.	4.0	12
34	Metal-Oleate Complex-Derived Bimetallic Oxides Nanoparticles Encapsulated in 3D Graphene Networks as Anodes for Efficient Lithium Storage with Pseudocapacitance. <i>Nano-Micro Letters</i> , 2019, 11, 15.	27.0	18
35	MOF-derived cobalt-nickel phosphide nanoboxes as electrocatalysts for the hydrogen evolution reaction. <i>Nanoscale</i> , 2019, 11, 21259-21265.	5.6	81
36	A highly active worm-like PtMo nanowire for the selective synthesis of dibenzylamines. <i>RSC Advances</i> , 2018, 8, 8755-8760.	3.6	11

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37	Three-dimensional nitrogen and sulfur co-doped holey-reduced graphene oxide frameworks anchored with MoO ₂ nanodots for advanced rechargeable lithium-ion batteries. <i>Nanotechnology</i> , 2018, 29, 295404.	2.6	16
38	One-pot synthesis of bimetallic PdCu nanoframes as an efficient catalyst for the methanol oxidation reaction. <i>New Journal of Chemistry</i> , 2018, 42, 798-801.	2.8	26
39	Biodistribution and Acute Toxicity of Intravenous Multifunctional ¹²⁵ I-Radiolabeled Fe ₃ O ₄ -Ag Heterodimer Nanoparticles in Mice. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-6.	2.7	2
40	Fabrication of Multifoliate PtRu Bimetallic Nanocomplexes for Computed Tomography Imaging and Enhanced Synergistic Thermoradiotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31106-31113.	8.0	35
41	Fabrication of PEGylated Fe@Bi ₂ S ₃ nanocomposites for dual-mode imaging and synergistic thermoradiotherapy. <i>Biomaterials Science</i> , 2018, 6, 1892-1898.	5.4	34
42	Trimetallic Au@PtPd Mesoporous Nanorods as Efficient Electrocatalysts for the Oxygen Reduction Reaction. <i>ACS Applied Energy Materials</i> , 2018, 1, 4891-4898.	5.1	24
43	Controlled synthesis of hollow C@TiO ₂ @MoS ₂ hierarchical nanospheres for high-performance lithium-ion batteries. <i>Nanoscale</i> , 2018, 10, 17327-17334.	5.6	65
44	Co ₉ S ₈ /MoS ₂ Yolk-Shell Spheres for Advanced Li/Na Storage. <i>Small</i> , 2017, 13, 1603490.	10.0	162
45	One-pot synthesis of PtIr tripods with a dendritic surface as an efficient catalyst for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9107-9112.	10.3	58
46	Synthesis of porous Mn ₂ O ₃ embedded in reduced graphene oxide as advanced anode materials for lithium storage. <i>New Journal of Chemistry</i> , 2017, 41, 7102-7107.	2.8	11
47	Formation of porous nitrogen-doped carbon-coating MnO nanospheres for advanced reversible lithium storage. <i>Nanoscale</i> , 2017, 9, 5451-5457.	5.6	65
48	One-pot synthesis of PtRu nanodendrites as efficient catalysts for methanol oxidation reaction. <i>Nanoscale</i> , 2017, 9, 1033-1039.	5.6	163
49	Synthesis of Ultrafine and Highly Dispersed Metal Nanoparticles Confined in a Thioether-Containing Covalent Organic Framework and Their Catalytic Applications. <i>Journal of the American Chemical Society</i> , 2017, 139, 17082-17088.	13.7	506
50	Recent development of efficient electrocatalysts derived from porous organic polymers for oxygen reduction reaction. <i>Science China Chemistry</i> , 2017, 60, 999-1006.	8.2	37
51	Passive and Space-Discriminative Ionic Sensors Based on Durable Nanocomposite Electrodes toward Sign Language Recognition. <i>ACS Nano</i> , 2017, 11, 8590-8599.	14.6	73
52	Synthesis of graphene wrapped porous CoMoO ₄ nanospheres as high-performance anodes for rechargeable lithium-ion batteries. <i>RSC Advances</i> , 2017, 7, 51506-51511.	3.6	29
53	Hydrogen gas-assisted synthesis of worm-like PtMo wavy nanowires as efficient catalysts for the methanol oxidation reaction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10508-10513.	10.3	61
54	Platinum nanowires catalyzed direct amidation with aldehydes and amines. <i>Science China Chemistry</i> , 2016, 59, 478-481.	8.2	7

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55	Novel transition bimetalâ€‘organic frameworks: recyclable catalyst for the oxidative coupling of primary amines to imines at mild conditions. <i>New Journal of Chemistry</i> , 2016, 40, 5531-5536.	2.8	23
56	Nanostructured Co(<i>scp</i>)-based MOFs as promising anodes for advanced lithium storage. <i>New Journal of Chemistry</i> , 2016, 40, 9238-9244.	2.8	65
57	Graphene-coated mesoporous Co ₃ O ₄ fibers as an efficient anode material for Li-ion batteries. <i>RSC Advances</i> , 2016, 6, 71006-71011.	3.6	20
58	Rapid and large-scale synthesis of bare Co ₃ O ₄ porous nanostructures from an oleate precursor as superior Li-ion anodes with long-cycle lives. <i>Dalton Transactions</i> , 2016, 45, 13509-13513.	3.3	23
59	Gaseous NH ₃ Confers Porous Pt Nanodendrites Assisted by Halides. <i>Scientific Reports</i> , 2016, 6, 26196.	3.3	11
60	Porous carbon-wrapped mesoporous Co ₉ S ₈ fibers as stable anode for Li-Ion Batteries. <i>Electrochimica Acta</i> , 2016, 211, 305-312.	5.2	53
61	Structural Dependence of Platinum Nanostructures on Catalytic Performance in Aromatic Azo Compound Reaction Investigated by X-ray Absorption Fine Structure Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14712-14718.	3.1	2
62	Facile preparation of hybrid coreâ€‘shell nanorods for photothermal and radiation combined therapy. <i>Nanoscale</i> , 2016, 8, 3895-3899.	5.6	70
63	Porous cubes constructed by cobalt oxide nanocrystals with graphene sheet coatings for enhanced lithium storage properties. <i>Nanoscale</i> , 2016, 8, 7688-7694.	5.6	48
64	Metal coordination polymer derived mesoporous Co ₃ O ₄ nanorods with uniform TiO ₂ coating as advanced anodes for lithium ion batteries. <i>Nanoscale</i> , 2016, 8, 2967-2973.	5.6	74
65	Novel synthesis of N-alkyl amines from tandem coupling of either methylamine or nitroalkane with aldehyde. <i>Chemical Communications</i> , 2016, 52, 760-763.	4.1	6
66	Photocatalytic properties of Pd/TiO ₂ nanosheets for hydrogen evolution from water splitting. <i>RSC Advances</i> , 2016, 6, 67502-67508.	3.6	50
67	Novel Metal Nanomaterials and Their Catalytic Applications. <i>Molecules</i> , 2015, 20, 17070-17092.	3.8	90
68	Synthesis of heterodimer radionuclide nanoparticles for magnetic resonance and single-photon emission computed tomography dual-modality imaging. <i>Nanoscale</i> , 2015, 7, 3392-3395.	5.6	55
69	Facile Synthesis of Copperâ€‘Based Metal Oxide Nanoparticles with Exceptional Catalytic Activity for the Selective Oxidation of Styrenes into Benzaldehydes. <i>ChemPlusChem</i> , 2015, 80, 511-515.	2.8	9
70	Designed fabrication of fluorine-doped carbon coated mesoporous TiO ₂ hollow spheres for improved lithium storage. <i>Electrochimica Acta</i> , 2015, 157, 1-7.	5.2	46
71	Hollow nanospheres composed of titanium dioxide nanocrystals modified with carbon and gold for high performance lithium ion batteries. <i>Journal of Power Sources</i> , 2015, 294, 465-472.	7.8	27
72	Facile synthesis of magnetic coreâ€‘shell nanocomposites for MRI and CT bimodal imaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6905-6910.	5.8	35

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73	Facile synthesis of Ag nanowires/mesoporous TiO ₂ core-shell nanocables with improved properties for lithium storage. <i>New Journal of Chemistry</i> , 2015, 39, 7889-7894.	2.8	4
74	Porous Fe ₃ O ₄ hollow spheres with chlorine-doped-carbon coating as superior anode materials for lithium ion batteries. <i>RSC Advances</i> , 2015, 5, 52993-52997.	3.6	23
75	Synthesis of Pt nanocatalysts for selective hydrogenation of ortho-halogenated nitrobenzene. <i>Science China Chemistry</i> , 2015, 58, 1051-1055.	8.2	12
76	Synthesis of Pt dendritic nanocubes with enhanced catalytic properties. <i>RSC Advances</i> , 2015, 5, 16497-16500.	3.6	8
77	A facile synthesis of Pt@Ir zigzag bimetallic nanocomplexes for hydrogenation reactions. <i>Chemical Communications</i> , 2015, 51, 9216-9219.	4.1	16
78	Highly efficient and eco-friendly synthesis of tertiary amines by reductive alkylation of aldehydes with secondary amines over a Pt nanowires catalyst. <i>RSC Advances</i> , 2015, 5, 81395-81398.	3.6	3
79	Preparation of a Fe ₂ O ₃ /Ag Nanowire Coaxial Nanocable for High-Performance Lithium-ion Batteries. <i>Chemistry - A European Journal</i> , 2015, 21, 11129-11133.	3.3	24
80	Citrate/F ⁻ assisted phase control synthesis of TiO ₂ nanostructures and their photocatalytic properties. <i>RSC Advances</i> , 2015, 5, 74230-74237.	3.6	4
81	Facile synthesis of Au-Pt bimetallic nanocomplexes for direct oxidation of methanol and formic acid. <i>RSC Advances</i> , 2015, 5, 650-653.	3.6	10
82	Novel Ultra-thin Platinum Nanowires and Their Catalytic Applications. <i>Current Organic Chemistry</i> , 2015, 19, 2142-2155.	1.6	3
83	Preparation of fluorine-doped, carbon-encapsulated hollow Fe ₃ O ₄ spheres as an efficient anode material for Li-ion batteries. <i>Nanoscale</i> , 2014, 6, 3889.	5.6	81
84	Folic acid modified superparamagnetic iron oxide nanocomposites for targeted hepatic carcinoma MR imaging. <i>RSC Advances</i> , 2014, 4, 7483.	3.6	13
85	Synthesis of Au-Fe ₃ O ₄ heterostructured nanoparticles for in vivo computed tomography and magnetic resonance dual modal imaging. <i>Nanoscale</i> , 2014, 6, 199-202.	5.6	129
86	Light Emission in Water-Containing Cocrystals: the Influence of Water Molecules on the Fluorescence Properties of a Schiff-Base Molecule. <i>Chemistry - an Asian Journal</i> , 2014, 9, 223-228.	3.3	4
87	Facile synthesis of Pt/Pd nanodendrites for the direct oxidation of methanol. <i>Nanotechnology</i> , 2014, 25, 195702.	2.6	28
88	Preparation of porous and hollow Fe ₃ O ₄ @C spheres as an efficient anode material for a high-performance Li-ion battery. <i>RSC Advances</i> , 2014, 4, 6430.	3.6	46
89	Selective synthesis of secondary amines from nitriles using Pt nanowires as a catalyst. <i>Chemical Communications</i> , 2014, 50, 3512-3515.	4.1	50
90	Common metal of copper(0) as an efficient catalyst for preparation of nitriles and imines by controlling additives. <i>Chemical Communications</i> , 2014, 50, 5637.	4.1	62

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91	Efficient and ligand free palladium catalyst for Suzuki and Heck cross-coupling reactions. Science China Chemistry, 2014, 57, 1310-1314.	8.2	9
92	Interfacial hydrogenation and deamination of nitriles to selectively synthesize tertiary amines. Chemical Communications, 2014, 50, 11110.	4.1	12
93	Highly efficient synthesis of azos catalyzed by the common metal copper (0) through oxidative coupling reactions. RSC Advances, 2014, 4, 16607.	3.6	39
94	Colloidal synthesis of ultrathin γ -Fe ₂ O ₃ nanoplates. RSC Advances, 2014, 4, 9314.	3.6	15
95	Porous nano-structured Co ₃ O ₄ anode materials generated from coordination-driven self-assembled aggregates for advanced lithium ion batteries. Nanoscale, 2014, 6, 9689.	5.6	84
96	The synthesis of cyclohexenone using l-proline immobilized on a silica gel catalyst by a continuous-flow approach. RSC Advances, 2014, 4, 15036.	3.6	16
97	Amphiphilic oligomer-based micelles as cisplatin nanocarriers for cancer therapy. Nanoscale, 2013, 5, 8925.	5.6	9
98	An Improved Method for the Complete Hydrogenation of Aromatic Compounds under 1 Bar H ₂ with Platinum Nanowires. ChemCatChem, 2013, 5, 2852-2855.	3.7	16
99	Synthesis of in-situ surfactant-free Pd nanoparticle catalysts for the synthesis of aromatic azo compounds and for unsaturated bond hydrogenation by hydrogen transfer. Chinese Journal of Catalysis, 2013, 34, 2084-2088.	14.0	7
100	Selective Synthesis of Ternary Copper-Antimony Sulfide Nanocrystals. Inorganic Chemistry, 2013, 52, 12958-12962.	4.0	58
101	Preparation and self-assembly of a dual-functional copolymer for cancer therapy. Reactive and Functional Polymers, 2013, 73, 89-96.	4.1	4
102	Reversible Hydrogenation-Oxidative Dehydrogenation of Quinolines over a Highly Active Pt Nanowire Catalyst under Mild Conditions. ChemCatChem, 2013, 5, 2183-2186.	3.7	75
103	Catalysis by Pd nanoclusters generated in situ of high-efficiency synthesis of aromatic azo compounds from nitroaromatics under H ₂ atmosphere. RSC Advances, 2013, 3, 4899.	3.6	26
104	PEGylated FePt@Fe ₂ O ₃ core-shell magnetic nanoparticles: Potential theranostic applications and in vivo toxicity studies. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 1077-1088.	3.3	72
105	Understanding the Atomic-Scale Process of Catalytic Assembly of Si Nanowires through Al Injection. ChemCatChem, 2013, 5, 2802-2804.	3.7	0
106	Cu@Ag as a highly active catalyst for the selective oxidation of trans-stilbene and alcohols. Catalysis Science and Technology, 2012, 2, 1146.	4.1	32
107	Highly efficient synthesis of aromatic azos catalyzed by unsupported ultra-thin Pt nanowires. Chemical Communications, 2012, 48, 3445.	4.1	89
108	Controlled hydrogenation of aromatic compounds by platinum nanowire catalysts. RSC Advances, 2012, 2, 3477.	3.6	28

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109	Selective synthesis of secondary amines by Pt nanowire catalyzed reductive amination of aldehydes and ketones with ammonia. <i>Chemical Communications</i> , 2012, 48, 9631.	4.1	51
110	Effects of Bone Marrow Mesenchymal Stem Cells on Cell Proliferation and Growth Factor Expression of Limbal Epithelial Cells in vitro. <i>Ophthalmic Research</i> , 2012, 48, 82-88.	1.9	25
111	Highly Efficient Synthesis of <i>N</i> -Substituted Isoindolinones and Phthalazinones Using Pt Nanowires as Catalysts. <i>Organic Letters</i> , 2012, 14, 1876-1879.	4.6	71
112	Highly-dispersed ultrafine Pt nanoparticles on graphene as effective hydrogenation catalysts. <i>RSC Advances</i> , 2012, 2, 5520.	3.6	39
113	Facile synthesis of hybrid nanostructures from nanoparticles, nanorods and nanowires. <i>Journal of Materials Chemistry</i> , 2011, 21, 11478.	6.7	30
114	Facile synthesis of polymer/Au heteronanoparticles. <i>Chemical Communications</i> , 2011, 47, 4228.	4.1	14
115	Enantioselective hydrogenation of \pm -ketoesters over alkaloid-modified platinum nanowires. <i>Green Chemistry</i> , 2011, 13, 3070.	9.0	23
116	Synthesis of Pt@Fe ₂ O ₃ nanorods as MRI probes for in vivo application. <i>Chemical Communications</i> , 2011, 47, 6320.	4.1	21
117	A small-molecule-based device for data storage and electro-optical switch applications. <i>Journal of Materials Chemistry</i> , 2011, 21, 5860.	6.7	37
118	Dynamic Random Access Memory Devices Based on Functionalized Copolymers with Pendant Hydrazine Naphthalimide Group. <i>Journal of Physical Chemistry C</i> , 2011, 115, 8288-8294.	3.1	36
119	Oxidation of benzylic compounds by gold nanowires at 1 atm O ₂ . <i>Chemical Communications</i> , 2011, 47, 1303-1305.	4.1	39
120	A Highly Active Nano-Palladium Catalyst for the Preparation of Aromatic Azos under Mild Conditions. <i>Organic Letters</i> , 2011, 13, 5640-5643.	4.6	86
121	pH-responsive polymeric carrier encapsulated magnetic nanoparticles for cancer targeted imaging and delivery. <i>Journal of Materials Chemistry</i> , 2011, 21, 12682.	6.7	43
122	pH-responsive polymeric-cargo encapsulated magnetic nanoparticles for selective release and imaging. <i>Journal of Controlled Release</i> , 2011, 152, e67-e68.	9.9	3
123	Silver Nanowires: From Scalable Synthesis to Recyclable Foldable Electronics. <i>Advanced Materials</i> , 2011, 23, 3052-3056.	21.0	297
124	Direct Hydrogenation of Nitroaromatics and One-Pot Amidation with Carboxylic Acids over Platinum Nanowires. <i>Chemistry - A European Journal</i> , 2011, 17, 2763-2768.	3.3	67
125	Preparation of Pt@Fe ₂ O ₃ Nanowires and their Catalysis of Selective Oxidation of Olefins and Alcohols. <i>Chemistry - A European Journal</i> , 2011, 17, 8726-8730.	3.3	58
126	Ultrathin Platinum Nanowire Catalysts for Direct C-N Coupling of Carbonyls with Aromatic Nitro Compounds under 1 Bar of Hydrogen. <i>Chemistry - A European Journal</i> , 2011, 17, 14283-14287.	3.3	70

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127	Seed-mediated synthesis, properties and application of $\text{Fe}^{3+}\text{-Fe}_2\text{O}_3\text{-CdSe}$ magnetic quantum dots. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2150-2158.	2.9	12
128	Selective ratiometric detection of Hg^{2+} in pure water using a phenoxazinium-based probe. <i>Tetrahedron Letters</i> , 2011, 52, 2492-2495.	1.4	16
129	Two Different Memory Characteristics Controlled by the Film Thickness of Polymethacrylate Containing Pendant Azobenzothiazole. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6117-6122.	3.1	41
130	A Small-Molecule-Based Ternary Data-Storage Device. <i>Journal of the American Chemical Society</i> , 2010, 132, 5542-5543.	13.7	183
131	Modification of magnetic silica/iron oxide nanocomposites with fluorescent polymethacrylic acid for cancer targeting and drug delivery. <i>Journal of Materials Chemistry</i> , 2010, 20, 6422.	6.7	85
132	A novel degradable polymeric carrier for selective release and imaging of magnetic nanoparticles. <i>Chemical Communications</i> , 2010, 46, 6708.	4.1	30
133	Catalytic epoxidation of stilbene with FePt@Cu nanowires and molecular oxygen. <i>Chemical Communications</i> , 2010, 46, 8591.	4.1	31
134	Facile Synthesis of Fe_2O_3 Nanocrystals without $\text{Fe}(\text{CO})_5$ Precursor and One-Pot Synthesis of Highly Fluorescent $\text{Fe}_2\text{O}_3\text{-CdSe}$ Nanocomposites. <i>Advanced Materials</i> , 2009, 21, 869-873.	21.0	57
135	Extracting anisotropy energy barrier distributions of nanomagnetic systems from magnetization/susceptibility measurements. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, L21-L27.	2.3	9
136	Multifunctional Magnetic Nanoparticles: Design, Synthesis, and Biomedical Applications. <i>Accounts of Chemical Research</i> , 2009, 42, 1097-1107.	15.6	1,638
137	Bifunctional $\text{Fe}_3\text{O}_4\text{-Ag}$ Heterodimer Nanoparticles for Two-Photon Fluorescence Imaging and Magnetic Manipulation. <i>Advanced Materials</i> , 2008, 20, 4403-4407.	21.0	258
138	Fabrication of Free-standing, Conductive, and Transparent Carbon Nanotube Films. <i>Advanced Materials</i> , 2008, 20, 4433-4437.	21.0	105
139	Carbon Nanotube/Polythiophene Chemiresistive Sensors for Chemical Warfare Agents. <i>Journal of the American Chemical Society</i> , 2008, 130, 5392-5393.	13.7	361
140	Facet-Selective 2D Self-Assembly of TiO_2 Nanoleaves via Supramolecular Interactions. <i>Chemistry of Materials</i> , 2008, 20, 7514-7520.	6.7	36
141	Self-assembled hybrid nanofibers confer a magnetorheological supramolecular hydrogel. <i>Tetrahedron</i> , 2007, 63, 7349-7357.	1.9	46
142	A New Approach in Measuring Cu-EMC Adhesion Strength by AFM. <i>IEEE Transactions on Components and Packaging Technologies</i> , 2006, 29, 543-550.	1.3	20
143	A Biocompatible Method of Decorporation: $\text{Bisphosphonate-Modified Magnetite Nanoparticles}$ to Remove Uranyl Ions from Blood. <i>Journal of the American Chemical Society</i> , 2006, 128, 13358-13359.	13.7	224
144	Synthesis, characterization and luminescence study of dialkyl[1-arylmethyleneimino-2-naphthonato]gallium complexes: Crystal structure of dimethyl[1-(2- <i>pridyl</i>) methyleneimino-2-naphthonato]gallium. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 1817-1824.	1.8	17

#	ARTICLE	IF	CITATIONS
145	Biofunctional magnetic nanoparticles for protein separation and pathogen detection. <i>Chemical Communications</i> , 2006, , 941.	4.1	637
146	Self-Assembly and Self-Orientation of Truncated Octahedral Magnetite Nanocrystals. <i>Advanced Materials</i> , 2006, 18, 2418-2421.	21.0	76
147	Combining Fluorescent Probes and Biofunctional Magnetic Nanoparticles for Rapid Detection of Bacteria in Human Blood. <i>Advanced Materials</i> , 2006, 18, 3145-3148.	21.0	165
148	The origin of the non-monotonic field dependence of the blocking temperature in magnetic nanoparticles. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 5905-5910.	1.8	44
149	Direct Synthesis of a Bimodal Nanosponge Based on FePt and ZnS. <i>Small</i> , 2005, 1, 402-406.	10.0	35
150	Heterodimers of Nanoparticles:Â Formation at a Liquidâ~Liquid Interface and Particle-Specific Surface Modification by Functional Molecules. <i>Journal of the American Chemical Society</i> , 2005, 127, 34-35.	13.7	532
151	Synthesis and cellular uptake of porphyrin decorated iron oxide nanoparticlesâ€”a potential candidate for bimodal anticancer therapy. <i>Chemical Communications</i> , 2005, , 4270.	4.1	172
152	Self-assembly of small molecules affords multifunctional supramolecular hydrogels for topically treating simulated uranium wounds. <i>Chemical Communications</i> , 2005, , 4414.	4.1	154
153	Memory effects in a nanoparticle system: Low-field magnetization and ac susceptibility measurements. <i>Physical Review B</i> , 2005, 72, .	3.2	39
154	Comment on â€œMemory Effects in an Interacting Magnetic Nanoparticle Systemâ€•. <i>Physical Review Letters</i> , 2004, 93, 139702; author reply 139703.	7.8	35
155	Dopamine as A Robust Anchor to Immobilize Functional Molecules on the Iron Oxide Shell of Magnetic Nanoparticles. <i>Journal of the American Chemical Society</i> , 2004, 126, 9938-9939.	13.7	836
156	Nitrilotriacetic Acid-Modified Magnetic Nanoparticles as a General Agent to Bind Histidine-Tagged Proteins. <i>Journal of the American Chemical Society</i> , 2004, 126, 3392-3393.	13.7	442
157	Solventless Polymerization to Grow Thin Films on Solid Substrates. <i>Advanced Functional Materials</i> , 2004, 14, 492-500.	14.9	6
158	Enzymatic Formation of Supramolecular Hydrogels. <i>Advanced Materials</i> , 2004, 16, 1440-1444.	21.0	554
159	Using Soft Lithography to Pattern Highly Oriented Polyacetylene (HOPA) Films via Solventless Polymerization. <i>Advanced Materials</i> , 2004, 16, 1356-1359.	21.0	55
160	Synthesis, characterization and luminescence study of dimethyl(β^2 -ketoiminato)gallium (-indium) complexes: crystal structure of dimethyl[1-phenyl-3-N-(4-methoxyphenylimino)-1-butanonato]gallium. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3461-3467.	1.8	19
161	Small molecule hydrogels based on a class of antiinflammatory agents. <i>Chemical Communications</i> , 2004, , 208.	4.1	211
162	Molecular Recognition Remolds the Self-Assembly of Hydrogelators and Increases the Elasticity of the Hydrogel by 106-Fold. <i>Journal of the American Chemical Society</i> , 2004, 126, 15028-15029.	13.7	162

#	ARTICLE	IF	CITATIONS
163	Facile One-Pot Synthesis of Bifunctional Heterodimers of Nanoparticles: A Conjugate of Quantum Dot and Magnetic Nanoparticles. <i>Journal of the American Chemical Society</i> , 2004, 126, 5664-5665.	13.7	709
164	Presenting Vancomycin on Nanoparticles to Enhance Antimicrobial Activities. <i>Nano Letters</i> , 2003, 3, 1261-1263.	9.1	620
165	Supramolecular Hydrogels Respond to Ligand-Receptor Interaction. <i>Journal of the American Chemical Society</i> , 2003, 125, 13680-13681.	13.7	434
166	Synthesis, structural characterization and electroluminescence study of alkylgallium derivatives of thiobenzhydrazones. <i>Journal of Organometallic Chemistry</i> , 2003, 681, 51-58.	1.8	11
167	Chemical synthesis of narrowly dispersed SmCo ₅ nanoparticles. <i>Journal of Applied Physics</i> , 2003, 93, 7589-7591.	2.5	64
168	Using biofunctional magnetic nanoparticles to capture Gram-negative bacteria at an ultra-low concentration Electronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b3/b305421g/ . <i>Chemical Communications</i> , 2003, , 1966.	4.1	111
169	Using Biofunctional Magnetic Nanoparticles to Capture Vancomycin-Resistant Enterococci and Other Gram-Positive Bacteria at Ultralow Concentration. <i>Journal of the American Chemical Society</i> , 2003, 125, 15702-15703.	13.7	531
170	Multivalent Antibiotics via Metal Complexes: A Potent Divalent Vancomycins against Vancomycin-Resistant Enterococci. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 4904-4909.	6.4	47
171	Self-assembled multivalent vancomycin on cell surfaces against vancomycin-resistant enterococci (VRE) Electronic Supplementary Information (ESI) available: details of the in vitro experiments and fluorescent spectroscopic study (6 pages). See http://www.rsc.org/suppdata/cc/b3/b305886g/ . <i>Chemical Communications</i> , 2003, , 2224.	4.1	39
172	Solventless Polymerization: A Spatial Migration of a Catalyst To Form Polymeric Thin Films in Microchannels. <i>Journal of the American Chemical Society</i> , 2003, 125, 9256-9257.	13.7	24
173	Synthesis and characterization of dialkylgallium (dialkylindium) complexes of N-salicylidene 2-aminopyridine and N-salicylidene 2-methoxyaniline: crystal structure of dimethyl[N-salicylidene 2-aminopyridine]gallium. <i>Journal of Organometallic Chemistry</i> , 2000, 605, 234-238.	1.8	49
174	SYNTHESIS AND CHARACTERIZATION OF DIALKYLALUMINUM, GALLIUM AND INDIUM [2-(N,N-DIMETHYLAMINO)YL]-4-METHYL]PHENOL NOXIDES. CRYSTAL STRUCTURE OF DIMETHYLGALLIUM [2-(N,N-DIMETHYLAMINO)YL]-4-METHYL]PHENOL NOXIDES. <i>Journal of Organometallic Chemistry</i> , 2000, 605, 234-238.	1.8	49
175	Blue-green variable light-emitting diode based on organic molecule-doped polymer. <i>Applied Physics Letters</i> , 1999, 75, 1827-1829.	3.3	20
176	A new approach in measuring Cu-EMC adhesion strength by AFM [electronics packaging applications]. , 0, , .		6
177	Study on Thermal Interface Material with Carbon Nanotubes and Carbon Black in High-Brightness LED Packaging with Flip-Chip. , 0, , .		15