Baojiang Jiang

List of Publications by Year
in descending order

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133 papers	8,652 citations	53794 45 h-index	45317 90 g-index
138 all docs	138 docs citations	138 times ranked	10277 citing authors

#	Article	IF	Citations
1	Engineering of SnO2/TiO2 heterojunction compact interface with efficient charge transfer pathway for photocatalytic hydrogen evolution. Chinese Chemical Letters, 2023, 34, 107125.	9.0	4
2	Fully conversing and highly selective oxidation of benzene to phenol based on MOFs-derived CuO@CN photocatalyst. Chinese Chemical Letters, 2023, 34, 107490.	9.0	9
3	A facile solution phase synthesis of directly ordering monodisperse FePt nanoparticles. Nano Research, 2022, 15, 446-451.	10.4	19
4	Supramolecular precursor derived loofah sponge-like Fe2Ox/C for effective synergistic reaction of Fenton and photocatalysis. Nano Research, 2022, 15, 1949-1958.	10.4	9
5	Recent progress of electrocatalysts for oxygen reduction in fuel cells. Journal of Colloid and Interface Science, 2022, 607, 791-815.	9.4	55
6	Efficient Suzuki-Miyaura cross-coupling reaction by loading trace Pd nanoparticles onto copper-complex-derived Cu/C-700 solid support. Journal of Colloid and Interface Science, 2022, 608, 2463-2471.	9.4	12
7	Internal-electric-field induced high efficient type-I heterojunction in photocatalysis-self-Fenton reaction: Enhanced H2O2 yield, utilization efficiency and degradation performance. Journal of Colloid and Interface Science, 2022, 608, 2075-2087.	9.4	37
8	Construct Î±-Fe2O3/rGO/PS composite structure for promoted spatial charge separation and exceptional catalytic activity in visible-light-driven photocatalysis-persulfate activation coupling system. Journal of Alloys and Compounds, 2022, 898, 162829.	5.5	15
9	Nitrogen vacancy-rich porous carbon nitride nanosheets for efficient photocatalytic H2O2 production. Materials Today Energy, 2022, 24, 100926.	4.7	20
10	UiO-66-NH₂ Octahedral Nanocrystals Decorated with ZnFe₂O₄ Nanoparticles for Photocatalytic Alcohol Oxidation. ACS Applied Nano Materials, 2022, 5, 2231-2240.	5.0	17
11	Enhancing the heterojunction component-interaction by in-situ hydrothermal growth toward photocatalytic hydrogen evolution. Journal of Colloid and Interface Science, 2022, 614, 367-377.	9.4	9
12	Constructing Pd-N interactions in Pd/g-C3N4 to improve the charge dynamics for efficient photocatalytic hydrogen evolution. Nano Research, 2022, 15, 2928-2934.	10.4	18
13	Creation of Mo active sites on indium oxide microrods for photocatalytic amino acid production. Science China Materials, 2022, 65, 1285-1293.	6.3	4
14	A Unique Feâ€“N₄ Coordination System Enabling Transformation of Oxygen into Superoxide for Photocatalytic Cï£¿H Activation with High Efficiency and Selectivity. Advanced Materials, 2022, 34, e2200612.	21.0	43
15	A simple and green method to prepare non-typical yolk/shell nanoreactor with dual-shells and multiple-cores: Enhanced catalytic activity and stability in Fenton-like reaction. Journal of Hazardous Materials, 2022, 436, 129234.	12.4	8
16	Ti3+-self-doped TiO2 with multiple crystal-phases anchored on acid-pickled ZIF-67-derived Co3O4@N-doped graphitized-carbon as a durable catalyst for oxygen reduction in alkaline and acid media. Chemical Engineering Journal, 2021, 403, 126441.	12.7	24
17	Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation. Angewandte Chemie, 2021, 133, 4865-4872.	2.0	19
18	Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation. Angewandte Chemie - International Edition, 2021, 60, 4815-4822.	13.8	233

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19	Synergetic enhancement of surface reactions and charge separation over holey C3N4/TiO2 2D heterojunctions. Science Bulletin, 2021, 66, 275-283.	9.0	61
20	Moltenâ€Salt Technology Application for the Synthesis of Photocatalytic Materials. Energy Technology, 2021, 9, 2000945.	3.8	9
21	Porous Carbon Nitride Thin Strip: Precise Carbon Doping Regulating Delocalized Ï€â€Electron Induces Elevated Photocatalytic Hydrogen Evolution. Small, 2021, 17, e2006622.	10.0	73
22	InnenrÃ¼cktitelbild: Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation (Angew. Chem. 9/2021). Angewandte Chemie, 2021, 133, 5003-5003.	2.0	1
23	Metal-organic frameworks loaded on phosphorus-doped tubular carbon nitride for enhanced photocatalytic hydrogen production and amine oxidation. Journal of Colloid and Interface Science, 2021, 590, 1-11.	9.4	28
24	Encapsulation of Pd Nanoparticles in Covalent Triazine Frameworks for Enhanced Photocatalytic CO₂ Conversion. ACS Sustainable Chemistry and Engineering, 2021, 9, 12646-12654.	6.7	28
25	Single Metal Atom Decorated Carbon Nitride for Efficient Photocatalysis: Synthesis, Structure, and Applications. Solar Rrl, 2021, 5, 2000609.	5.8	51
26	Engineering of Single Atomic Cu-N₃ Active Sites for Efficient Singlet Oxygen Production in Photocatalysis. ACS Applied Materials & Interfaces, 2021, 13, 58596-58604.	8.0	15
27	Three-dimensional assemblies of carbon nitride tubes as nanoreactors for enhanced photocatalytic hydrogen production. Journal of Materials Chemistry A, 2020, 8, 305-312.	10.3	85
28	Promoting the spatial charge separation by building porous ZrO2@TiO2 heterostructure toward photocatalytic hydrogen evolution. Journal of Colloid and Interface Science, 2020, 561, 568-575.	9.4	23
29	In Situ Crystallization of Active NiOOH/CoOOH Heterostructures with Hydroxide Ion Adsorption Sites on Velutipes-like CoSe/NiSe Nanorods as Catalysts for Oxygen Evolution and Cocatalysts for Methanol Oxidation. ACS Applied Materials & Interfaces, 2020, 12, 686-697.	8.0	87
30	Synthesis of metallic copper modified g-C3N4 by molecular self-assembly structure and its combined catalytic performance with activated sludge. Journal of Hazardous Materials, 2020, 388, 121754.	12.4	10
31	Efficient Photocatalytic Hydrogen Evolution over TiO2-X Mesoporous Spheres-ZnO Nanorods Heterojunction. Nanomaterials, 2020, 10, 2096.	4.1	17
32	Porous Plate-like MoP Assembly as an Efficient pH-Universal Hydrogen Evolution Electrocatalyst. ACS Applied Materials & Interfaces, 2020, 12, 49596-49606.	8.0	46
33	Interfacial engineering by creating Cu-based ternary heterostructures on C₃N₄ tubes towards enhanced photocatalytic oxidative coupling of benzylamines. RSC Advances, 2020, 10, 28059-28065.	3.6	10
34	A generalized strategy for synthesizing crystalline bismuth-containing nanomaterials. Nanoscale, 2020, 12, 8277-8284.	5.6	6
35	A Promoted Charge Separation/Transfer System from Cu Single Atoms and C₃N₄ Layers for Efficient Photocatalysis. Advanced Materials, 2020, 32, e2003082.	21.0	333
36	ZIF-67-Derived Dodecahedral Co@N-Doped Graphitized Carbon Protected by a Porous FeS₂Thin-Layer as an Efficient Catalyst to Promote the Oxygen Reduction Reaction. ACS Sustainable Chemistry and Engineering, 2020, 8, 4194-4206.	6.7	30

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37	In-situ chemical vapor deposition to fabricate Cuprous oxide/copper sulfide core-shell flowers with boosted and stable wide-spectral region photocatalytic performance. Journal of Colloid and Interface Science, 2020, 570, 143-152.	9.4	34
38	Co8FeS8 wrapped in Auricularia-derived N-doped carbon with a micron-size spherical structure as an efficient cathode catalyst for strengthening charge transfer and bioelectricity generation. Journal of Colloid and Interface Science, 2020, 567, 65-74.	9.4	13
39	TiO2-on-C3N4 double-shell microtubes: In-situ fabricated heterostructures toward enhanced photocatalytic hydrogen evolution. Journal of Colloid and Interface Science, 2020, 572, 22-30.	9.4	46
40	Enhanced Charge Separation and Transfer of Fe 2 O 3 @Nitrogenâ€Rich Carbon Nitride Tubes for Photocatalytic Water Splitting. Energy Technology, 2020, 8, 2000108.	3.8	9
41	Development of nickel-incorporated MCM-41â€“carbon composites and their application in nitrophenol reduction. Journal of Materials Chemistry A, 2019, 7, 9618-9628.	10.3	43
42	Homojunction and defect synergy-mediated electronâ€“hole separation for solar-driven mesoporous rutile/anatase TiO₂ microsphere photocatalysts. RSC Advances, 2019, 9, 7870-7877.	3.6	18
43	Synchronization iodine surface modification and lattice doping porous carbon nitride for photocatalytic hydrogen production. Applied Surface Science, 2019, 481, 1089-1095.	6.1	15
44	Molecule Self-Assembly Synthesis of Porous Few-Layer Carbon Nitride for Highly Efficient Photoredox Catalysis. Journal of the American Chemical Society, 2019, 141, 2508-2515.	13.7	685
45	Phenol-formaldehyde resin route to the synthesis of several iron group transition metal phosphides. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 836-842.	1.6	2
46	Inâ€situ Platinum Plasmon Resonance Effect Prompt Titanium Dioxide Nanocube Photocatalytic Hydrogen Evolution. Chemistry - an Asian Journal, 2019, 14, 592-596.	3.3	6
47	Non-metal boron modified carbon nitride tube with enhanced visible light-driven photocatalytic performance. Materials Research Bulletin, 2019, 110, 18-23.	5.2	28
48	Phenolic resin as a carbon source for the synthesis of monometallic Mo and bimetallic CoMo carbides via carbothermal reduction route. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 267-272.	1.6	2
49	Capture of Iodide by Bismuth Vanadate and Bismuth Oxide: An Insight into the Process and its Aftermath. ChemSusChem, 2018, 11, 1486-1493.	6.8	19
50	Single-crystal TiO2 nanorods assembly for efficient and stable cocatalyst-free photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 229, 1-7.	20.2	82
51	Graphene Quantumâ€Dotâ€Modified Hexagonal Tubular Carbon Nitride for Visibleâ€Light Photocatalytic Hydrogen Evolution. ChemCatChem, 2018, 10, 1330-1335.	3.7	95
52	Magnetic Fe2O3/mesoporous black TiO2 hollow sphere heterojunctions with wide-spectrum response and magnetic separation. Applied Catalysis B: Environmental, 2018, 221, 235-242.	20.2	92
53	Facile formation of metallic bismuth/bismuth oxide heterojunction on porous carbon with enhanced photocatalytic activity. Journal of Colloid and Interface Science, 2018, 513, 82-91.	9.4	65
54	A novel route to the synthesis of H-ZSM-5-supported MoP and Ni₂P phosphides. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 780-786.	1.6	2

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55	Hydrogenated Cu₂OAu@CeO₂ Z-scheme catalyst for photocatalytic oxidation of amines to imines. Catalysis Science and Technology, 2018, 8, 5535-5543.	4.1	23
56	Novel cobalt nitride-induced oxygen activation on Pt-based catalyst for catalytic oxidation. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 848-852.	1.6	2
57	Assembly of TiO2 ultrathin nanosheets with surface lattice distortion for solar-light-driven photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 239, 317-323.	20.2	77
58	Self-floating amphiphilic black TiO2 foams with 3D macro-mesoporous architectures as efficient solar-driven photocatalysts. Applied Catalysis B: Environmental, 2017, 206, 336-343.	20.2	102
59	A general strategy toward the large-scale synthesis of the noble metal-oxide nanocrystal hybrids with intimate interfacial contact for the catalytic reduction of p-nitrophenol and photocatalytic degradation of pollutants. Research on Chemical Intermediates, 2017, 43, 4759-4779.	2.7	4
60	Promising biomass-derived hierarchical porous carbon material for high performance supercapacitor. RSC Advances, 2017, 7, 10385-10390.	3.6	46
61	Commercial ZnO and its hybrid with Ag nanoparticles: Photocatalytic performance and relationship with structure. Chemical Physics Letters, 2017, 679, 137-145.	2.6	13
62	Gelatin-assisted synthesis of ZnS hollow nanospheres: the microstructure tuning, formation mechanism and application for Pt-free photocatalytic hydrogen production. CrystEngComm, 2017, 19, 461-468.	2.6	17
63	Layer Stacked Iodine and Phosphorus Coâ€doped C₃N₄ for Enhanced Visibleâ€Light Photocatalytic Hydrogen Evolution. ChemCatChem, 2017, 9, 4083-4089.	3.7	36
64	Novel synthesis of dispersed nickel phosphide nanospheres on carbon support via carbothermal reduction route. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 812-818.	1.6	5
65	Inorganic acid-derived hydrogen-bonded organic frameworks to form nitrogen-rich carbon nitrides for photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2017, 5, 21979-21985.	10.3	69
66	The Synthesis and the Catalytic Properties of Graphene-Based Composite Materials. , 2017, , 3-26.		0
67	P-doped tubular g-C3N4 with surface carbon defects: Universal synthesis and enhanced visible-light photocatalytic hydrogen production. Applied Catalysis B: Environmental, 2017, 218, 664-671.	20.2	396
68	A facile route for large-scale synthesis of molybdenum phosphide nanoparticles with high surface area. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 1159-1164.	1.6	5
69	Phosphorusâ€Doped Carbon Nitride Tubes with a Layered Microâ€nanostructure for Enhanced Visibleâ€Light Photocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2016, 55, 1830-1834.	13.8	869
70	Phosphorusâ€Doped Carbon Nitride Tubes with a Layered Microâ€nanostructure for Enhanced Visibleâ€Light Photocatalytic Hydrogen Evolution. Angewandte Chemie, 2016, 128, 1862-1866.	2.0	173
71	Two-dimensional assembly structure of graphene and TiO 2 nanosheets from titanic acid with enhanced visible-light photocatalytic performance. Chemical Physics Letters, 2016, 653, 190-195.	2.6	5
72	2D quasi-ordered nitrogen-enriched porous carbon nanohybrids for high energy density supercapacitors. Nanoscale, 2016, 8, 10166-10176.	5.6	34

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73	Bifunctional Ag/Fe/N/C Catalysts for Enhancing Oxygen Reduction via Cathodic Biofilm Inhibition in Microbial Fuel Cells. ACS Applied Materials & Interfaces, 2016, 8, 6992-7002.	8.0	78
74	Facile strategy for controllable synthesis of stable mesoporous black TiO₂ hollow spheres with efficient solar-driven photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2016, 4, 7495-7502.	10.3	198
75	Large-scale synthesis of stable mesoporous black TiO₂ nanosheets for efficient solar-driven photocatalytic hydrogen evolution via an earth-abundant low-cost biotemplate. RSC Advances, 2016, 6, 50506-50512.	3.6	29
76	Molybdenum phosphide as a novel and stable catalyst for dry reforming of methane. Catalysis Science and Technology, 2016, 6, 7996-8004.	4.1	34
77	Carbon quantum dot/mixed crystal TiO₂ composites via a hydrogenation process: an efficient photocatalyst for the hydrogen evolution reaction. RSC Advances, 2016, 6, 96803-96808.	3.6	18
78	A hybridized heterojunction structure between TiO2nanorods and exfoliated graphitic carbon-nitride sheets for hydrogen evolution under visible light. CrystEngComm, 2016, 18, 6875-6880.	2.6	13
79	Black N/Hâ€TiO₂ Nanoplates with a Flowerâ€Like Hierarchical Architecture for Photocatalytic Hydrogen Evolution. ChemSusChem, 2016, 9, 2841-2848.	6.8	73
80	Facile Strategy to Fabricate Uniform Black TiO₂ Nanothorns/Graphene/Black TiO₂ Nanothorns Sandwichlike Nanosheets for Excellent Solarâ€Driven Photocatalytic Performance. ChemCatChem, 2016, 8, 3240-3246.	3.7	21
81	Porous carbon@MnO2 and nitrogen-doped porous carbon from carbonized loofah sponge for asymmetric supercapacitor with high energy and power density. Journal of Electroanalytical Chemistry, 2016, 763, 90-96.	3.8	64
82	GO-induced assembly of gelatin toward stacked layer-like porous carbon for advanced supercapacitors. Nanoscale, 2016, 8, 2418-2427.	5.6	69
83	Nitrogen-doped Co/Co9S8/partly-graphitized carbon as durable catalysts for oxygen reduction in microbial fuel cells. Journal of Power Sources, 2016, 307, 1-10.	7.8	87
84	Carbothermal synthesis of ordered mesoporous carbon-supported nano zero-valent iron with enhanced stability and activity for hexavalent chromium reduction. Journal of Hazardous Materials, 2016, 309, 249-258.	12.4	131
85	Pure phase orthorhombic MgTi₂O₅ photocatalyst for H₂ production. RSC Advances, 2015, 5, 106151-106155.	3.6	22
86	A Platinumâ€“Vanadium Nitride/Porous Graphitic Nanocarbon Composite as an Excellent Catalyst for the Oxygen Reduction Reaction. ChemElectroChem, 2015, 2, 1813-1820.	3.4	14
87	Fe₃W₃C/WC/Graphitic Carbon Ternary Nanojunction Hybrids for Dyeâ€Sensitized Solar Cells. ChemSusChem, 2015, 8, 726-733.	6.8	16
88	Thin carbon layer coated Ti³⁺-TiO₂nanocrystallites for visible-light driven photocatalysis. Nanoscale, 2015, 7, 5035-5045.	5.6	97
89	The fabrication and the characterization of a TiO2/titanate nanohybrid for efficient hydrogen evolution. RSC Advances, 2015, 5, 13011-13015.	3.6	6
90	A versatile salicylic acid precursor method for preparing titanate microspheres. Science China Materials, 2015, 58, 106-113.	6.3	6

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91	ZnO-dotted porous ZnS cluster microspheres for high efficient, Pt-free photocatalytic hydrogen evolution. Scientific Reports, 2015, 5, 8858.	3.3	34
92	Evaluation of toxicity and adjuvant effects of peptidoglycan microspheres orally administered to mice. Journal of Microencapsulation, 2015, 32, 46-53.	2.8	3
93	Fabrication of mixed-crystalline-phase spindle-like TiO2 for enhanced photocatalytic hydrogen production. Science China Materials, 2015, 58, 363-369.	6.3	31
94	A hierarchical porous carbon material from a loofah sponge network for high performance supercapacitors. RSC Advances, 2015, 5, 42430-42437.	3.6	86
95	In situ synthesis and high adsorption performance of MoO₂/Mo₄O₁₁ and MoO₂/MoS₂ composite nanorods by reduction of MoO₃. Dalton Transactions, 2015, 44, 6224-6228.	3.3	17
96	Photoluminescence and Enhanced Photocatalytic Activity of La₂Ti₂O₇:Eu³⁺ Nanocrystals. Science of Advanced Materials, 2015, 7, 2361-2367.		
97	Nitrogen-doped graphene supported Pd@PdO core-shell clusters for C-C coupling reactions. Nano Research, 2014, 7, 1280-1290.	10.4	66
98	Photoluminescence and photocatalytic activity of flowerlike hierarchical TiO2:Sm3+ microspheres. Materials Research Bulletin, 2014, 50, 203-208.	5.2	8
99	Wellâ€Dispersed CoS Nanoparticles on a Functionalized Graphene Nanosheet Surface: A Counter Electrode of Dyeâ€Sensitized Solar Cells. Chemistry - A European Journal, 2014, 20, 474-482.	3.3	100
100	Pt loaded onto silicon carbide/porous carbon hybrids as an electrocatalyst in the methanol oxidation reaction. RSC Advances, 2014, 4, 51272-51279.	3.6	7
101	Intermittent microwave heating-promoted rapid fabrication of sheet-like Ag assemblies and small-sized Ag particles and their use as co-catalyst of ZnO for enhanced photocatalysis. Journal of Materials Chemistry A, 2014, 2, 3015.	10.3	19
102	A New Combustion Route to Synthesize Mixed Valence Vanadium Oxide Heterojunction Composites as Visibleâ€Lightâ€Driven Photocatalysts. ChemCatChem, 2014, 6, 2553-2559.	3.7	12
103	Nanocrystalline tungstic carbide/graphitic carbon composite: synthesis, characterization, and its application as an effective Pt catalyst support for methanol oxidation. Journal of Solid State Electrochemistry, 2014, 18, 2225-2232.	2.5	6
104	Composites of small Ag clusters confined in the channels of well-ordered mesoporous anatase TiO2 and their excellent solar-light-driven photocatalytic performance. Nano Research, 2014, 7, 731-742.	10.4	102
105	Facile Synthesis of Porous Zn₂Ti₃O₈ Nanorods for Photocatalytic Overall Water Splitting. ChemCatChem, 2014, 6, 2258-2262.	3.7	30
106	Tungsten carbide/porous carbon composite as superior support for platinum catalyst toward methanol electro-oxidation. Materials Research Bulletin, 2014, 49, 480-486.	5.2	10
107	Hollow palladium nanospheres with porous shells supported on graphene as enhanced electrocatalysts for formic acid oxidation. Physical Chemistry Chemical Physics, 2013, 15, 19353.	2.8	19
108	Recovery of silicon from sewage sludge for production of high-purity nano-SiO2. Chemosphere, 2013, 90, 2332-2339.	8.2	26

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109	A novel Ag/graphene composite: facile fabrication and enhanced antibacterial properties. Journal of Materials Science, 2013, 48, 1980-1985.	3.7	40
110	Colloidal lanthanide-doped NaLuF4:Ln3+ nanocrystals: Synthesis, energy transfer, and tunable luminescence properties. Journal of Fluorine Chemistry, 2013, 153, 61-67.	1.7	4
111	Inâ€...Situ Fabrication of Ag/Ag₃PO₄/Graphene Triple Heterostructure Visibleâ€Light Photocatalyst through Grapheneâ€Assisted Reduction Strategy. ChemCatChem, 2013, 5, 1359-1367.	3.7	54
112	Facile synthesis of sheet-like ZnO assembly composed of small ZnO particles for highly efficient photocatalysis. Journal of Materials Chemistry A, 2013, 1, 5700.	10.3	170
113	Facile Synthesis of High-Crystallinity Graphitic Carbon/Fe₃C Nanocomposites As Counter Electrodes for High-Efficiency Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2013, 5, 3663-3670.	8.0	127
114	A facile and green synthesis route towards two-dimensional TiO2@Ag heterojunction structure with enhanced visible light photocatalytic activity. CrystEngComm, 2013, 15, 5821.	2.6	25
115	Enhanced photoelectric conversion efficiency of dye-sensitized solar cells by the incorporation of dual-mode luminescent NaYF4:Yb3+/Er3+. Dalton Transactions, 2013, 42, 7971.	3.3	47
116	Synergistic Effect of Tungsten Carbide and Palladium on Graphene for Promoted Ethanol Electrooxidation. ACS Applied Materials & Interfaces, 2013, 5, 6571-6579.	8.0	108
117	High Thermally Stable Mesoporous WO₃/TiO₂ Heterojunction as a High-Efficient Simulated Solar-Light Photocatalyst. Advanced Porous Materials, 2013, 1, 262-270.	0.3	3
118	Synergetic Effect of WC/Porous Graphite Carbon Supports on Electrocatalytic Reactivity of Pt for Methanol Electrooxidation. Science of Advanced Materials, 2013, 5, 1709-1717.	0.7	4
119	Cost-effective large-scale synthesis of ZnO photocatalyst with excellent performance for dye photodegradation. Chemical Communications, 2012, 48, 2858.	4.1	515
120	Anatase TiO2 pillarâ€“nanoparticle composite fabricated by layer-by-layer assembly for high-efficiency dye-sensitized solar cells. Dalton Transactions, 2012, 41, 12683.	3.3	14
121	Structure and Properties of Noncrystalline Nano-Al(OH)₃ Reclaimed from Carbonized Residual Wastewater Treatment Sludge. Environmental Science & Technology, 2012, 46, 4560-4566.	10.0	19
122	Highly concentrated, stable nitrogen-doped graphene for supercapacitors: Simultaneous doping and reduction. Applied Surface Science, 2012, 258, 3438-3443.	6.1	163
123	NaYF4:Er3+/Yb3+â€“graphene composites: preparation, upconversion luminescence, and application in dye-sensitized solar cells. Journal of Materials Chemistry, 2012, 22, 20381.	6.7	63
124	A green route to synthesize novel Ag/C antibacterial agent. Materials Research Bulletin, 2012, 47, 458-463.	5.2	16
125	In situ synthesis and photoluminescence of Eu3+ doped Y(OH)3@Î²-NaYF4 coreâ€“shell nanotubes. Chemical Communications, 2011, 47, 8019.	4.1	21
126	Glucose-mediated solutionâ€“solid route for easy synthesis of Ag/ZnO particles with superior photocatalytic activity and photostability. Journal of Alloys and Compounds, 2011, 509, 6935-6941.	5.5	46

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127	Enhanced Photocatalytic Activity and Electron Transfer Mechanisms of Graphene/TiO₂ with Exposed {001} Facets. Journal of Physical Chemistry C, 2011, 115, 23718-23725.	3.1	223
128	Fabrication of a palladium nanoparticle/graphene nanosheet hybrid via sacrifice of a copper template and its application in catalytic oxidation of formic acid. Chemical Communications, 2011, 47, 2014.	4.1	129
129	Wellâ€Ordered Largeâ€Pore Mesoporous Anatase TiO₂ with Remarkably High Thermal Stability and Improved Crystallinity: Preparation, Characterization, and Photocatalytic Performance. Advanced Functional Materials, 2011, 21, 1922-1930.	14.9	431
130	In Situ Growth of TiO₂ in Interlayers of Expanded Graphite for the Fabrication of TiO₂â€“Graphene with Enhanced Photocatalytic Activity. Chemistry - A European Journal, 2011, 17, 8379-8387.	3.3	135
131	Synthesis and applications of graphite carbon sphere with uniformly distributed magnetic Fe3O4 nanoparticles (MGCSs) and MGCS@Ag, MGCS@TiO2. Journal of Materials Chemistry, 2010, 20, 4802.	6.7	35
132	Facile fabrication of high quality graphene from expandable graphite: simultaneous exfoliation and reduction. Chemical Communications, 2010, 46, 4920.	4.1	68
133	Synthesis and application of hollow magnetic graphitic carbon microspheres with/without TiO2 nanoparticle layer on the surface. Chemical Communications, 2010, 46, 6276.	4.1	31