

Rong Chen

List of Publications by Year in descending order

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177
papers

13,224
citations

23567

58
h-index

24982

109
g-index

181
all docs

181
docs citations

181
times ranked

16209
citing authors

#	ARTICLE	IF	CITATIONS
1	Simply Coupling TiO ₂ Nanospheres with Cu ₂ O Particles to Boost the Photocatalytic Hydrogen Evolution through p-n Heterojunction-Induced Charge Transfer. <i>Energy Technology</i> , 2022, 10, 2100259.	3.8	4
2	Achieving simultaneous Cu particles anchoring in meso-porous TiO ₂ nanofabrication for enhancing photo-catalytic CO ₂ reduction through rapid charge separation. <i>Chinese Chemical Letters</i> , 2022, 33, 1313-1316.	9.0	48
3	Recent advances in synthesis strategies and solar-to-hydrogen evolution of 1T phase MS ₂ (M=As, Mo) co-catalysts. <i>Journal of Materials Science and Technology</i> , 2022, 101, 242-263.	10.7	14
4	Facilely anchoring Cu ₂ O nanoparticles on mesoporous TiO ₂ nanorods for enhanced photocatalytic CO ₂ reduction through efficient charge transfer. <i>Chinese Chemical Letters</i> , 2022, 33, 3709-3712.	9.0	80
5	Highly efficient Cr(VI) removal from industrial electroplating wastewater over Bi ₂ S ₃ nanostructures prepared by dual sulfur-precursors: Insights on the promotion effect of sulfate ions. <i>Journal of Hazardous Materials</i> , 2022, 424, 127423.	12.4	26
6	Precursor self-derived Cu@TiO ₂ hybrid Schottky junction for enhanced solar-to-hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 10628-10637.	7.1	13
7	Construction of Ag-decorated ZnO with oxygen vacancies for enhanced antibacterial activity via increased H ₂ O ₂ production. <i>Journal of Inorganic Biochemistry</i> , 2022, 231, 111778.	3.5	9
8	Ions-exchange anchoring Cu ₇ S ₄ cocatalyst on K ₂ Ti ₈ O ₁₇ nanowires assembly for enhanced CO ₂ photoreduction through efficient charge separation. <i>Journal of Alloys and Compounds</i> , 2022, 909, 164792.	5.5	11
9	Metallic Copper-Containing Composite Photocatalysts: Fundamental, Materials Design, and Photoredox Applications. <i>Small Methods</i> , 2022, 6, e2101001.	8.6	18
10	Integrated p-n/Schottky junctions for efficient photocatalytic hydrogen evolution upon Cu@TiO ₂ -Cu ₂ O ternary hybrids with steering charge transfer. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 924-937.	9.4	31
11	Broad-spectrum response NCQDs/Bi ₂ O ₂ CO ₃ heterojunction nanosheets for ciprofloxacin photodegradation: Unraveling the unique roles of NCQDs upon different light irradiation. <i>Chemosphere</i> , 2021, 264, 128434.	8.2	40
12	Synergistic mediation of metallic bismuth and oxygen vacancy in Bi/Bi ₂ WO _{6-x} to promote H ₂ O ₂ production for the photodegradation of bisphenol A and its analogues in water matrix. <i>Journal of Hazardous Materials</i> , 2021, 403, 123661.	12.4	62
13	Ultrathin S-doped graphitic carbon nitride nanosheets for enhanced sulphide degradation via visible-light-assisted peroxydisulfate activation: Performance and mechanism. <i>Chemosphere</i> , 2021, 266, 128929.	8.2	28
14	New insights on nanostructure of ordered mesoporous Fe Mn bimetal oxides (OMFMs) by a novel inverse micelle method and their superior arsenic sequestration performance: Effect of calcination temperature and role of Fe/Mn oxides. <i>Science of the Total Environment</i> , 2021, 762, 143163.	8.0	18
15	Facilely Anchoring Cu nanoparticles on WO ₃ Nanocubes for Enhanced Photocatalysis through Efficient Interface Charge Transfer. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2021, 36, 325.	1.3	2
16	Engineered tungsten oxide-based photocatalysts for CO ₂ reduction: categories and roles. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22781-22809.	10.3	29
17	Copper-promoted heterogeneous Fenton-like oxidation of Rhodamine B over Fe ₃ O ₄ magnetic nanocatalysts at mild conditions. <i>Environmental Science and Pollution Research</i> , 2021, 28, 19959-19968.	5.3	11
18	Porous biochar-supported MnFe ₂ O ₄ magnetic nanocomposite as an excellent adsorbent for simultaneous and effective removal of organic/inorganic arsenic from water. <i>Journal of Hazardous Materials</i> , 2021, 411, 124909.	12.4	77

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19	Oxygen vacancy induced peroxymonosulfate activation by Mg-doped Fe ₂ O ₃ composites for advanced oxidation of organic pollutants. <i>Chemosphere</i> , 2021, 279, 130482.	8.2	60
20	Boosting hydrogen evolution over Ni ₆ (SCH ₂ Ph) ₁₂ nanocluster modified TiO ₂ via pseudo-Z-scheme interfacial charge transfer. <i>Applied Catalysis B: Environmental</i> , 2021, 292, 120158.	20.2	18
21	Facile construction of g-C ₃ N ₄ -W ₁₈ O ₄₉ heterojunction with improved charge transfer for solar-driven CO ₂ photoreduction. <i>Inorganic Chemistry Communication</i> , 2021, 132, 108814.	3.9	8
22	Highly efficient degradation of chlorophenol over bismuth oxides upon near-infrared irradiation: Unraveling the effect of Bi-O-Bi-O defects cluster and IO ₂ involved process. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120576.	20.2	39
23	Fluorescent dialdehyde-BODIPY chitosan hydrogel and its highly sensing ability to Cu ²⁺ ion. <i>Carbohydrate Polymers</i> , 2021, 273, 118590.	10.2	20
24	Photocatalytic N ₂ Reduction: Uncertainties in the Determination of Ammonia Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 560-568.	6.7	20
25	Chlorine-enhanced photocatalytic degradation of PPCPs over Bi ₂ MoO ₆ /(BiO) ₂ CO ₃ heterostructures. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106597.	6.7	4
26	Rapid ultrasonic-microwave assisted synthesis of spindle-like Ag/ZnO nanostructures and their enhanced visible-light photocatalytic and antibacterial activities. <i>Catalysis Today</i> , 2020, 339, 391-402.	4.4	45
27	The photovoltaic performance of highly asymmetric phthalocyanine-sensitized brookite-based solar cells. <i>Optik</i> , 2020, 200, 163413.	2.9	8
28	Construction of ultrathin MoS ₂ /Bi ₅ O ₇ I composites: Effective charge separation and increased photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 475-484.	9.4	35
29	Facile inverse micelle fabrication of magnetic ordered mesoporous iron cerium bimetal oxides with excellent performance for arsenic removal from water. <i>Journal of Hazardous Materials</i> , 2020, 383, 121172.	12.4	76
30	A novel multilayer brookite TiO ₂ electrode for improved performance of pure brookite-based dye sensitized solar cells. <i>Chemical Physics Letters</i> , 2020, 738, 136902.	2.6	12
31	Surface Potential/Wettability and Interface Charge Transfer Engineering of Copper-Oxide (Cu ²⁺ /MO _x , M = W, Ti, and Ce) Hybrids for Efficient Wastewater Treatment through Adsorption-Photocatalysis Synergy. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 15454-15463.	3.7	12
32	Adsorption-enhanced catalytic wet peroxide oxidation of aromatic compounds on ionothermally synthesised copper-doped magnetite magnetic nanoparticles. <i>Environmental Chemistry</i> , 2020, 17, 426.	1.5	10
33	Engineered zinc oxide nanoaggregates for photocatalytic removal of ciprofloxacin with structure dependence. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	13
34	A 1D/2D WO ₃ nanostructure coupled with a nanoparticulate CuO cocatalyst for enhancing solar-driven CO ₂ photoreduction: the impact of the crystal facet. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2593-2603.	4.9	29
35	Facile polyol-triggered anatase-rutile heterophase TiO _{2-x} nanoparticles for enhancing photocatalytic CO ₂ reduction. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 872-877.	9.4	34
36	New soft chemistry route to titanomagnetite magnetic nanoparticles with enhanced peroxidase-like activity. <i>Powder Technology</i> , 2020, 373, 39-45.	4.2	11

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37	Ag ₁₈ ($\frac{1}{4}$ S) ₈ -TBBT ₁₆ (PPh ₃) ₈ : symmetry breaking induced by the core to generate chirality. <i>Chemical Communications</i> , 2020, 56, 2719-2722.	4.1	10
38	Ionic liquid induced mechanochemical synthesis of BiOBr ultrathin nanosheets at ambient temperature with superior visible-light-driven photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2020, 574, 131-139.	9.4	32
39	Cuprous ion (Cu ⁺) doping induced surface/interface engineering for enhancing the CO ₂ photoreduction capability of W ₁₈ O ₄₉ nanowires. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 306-317.	9.4	50
40	One-Step Mechanical Synthesis of Oxygen-defect Modified Ultrathin Bi ₁₂ O ₁₇ Br ₂ Nanosheets for Boosting Photocatalytic Activity. <i>ChemistrySelect</i> , 2020, 5, 11177-11184.	1.5	9
41	Achieving solar-to-hydrogen evolution promotion using TiO ₂ nanoparticles and an unanchored Cu co-catalyst. <i>Materials Research Bulletin</i> , 2020, 129, 110891.	5.2	15
42	Fluorescent macromolecular chemosensors for highly and selectively detecting of 2, 4, 6-trinitrophenol. <i>Materials Research Express</i> , 2020, 7, 105304.	1.6	8
43	Synergistic impact of cocatalysts and hole scavenger for promoted photocatalytic H ₂ evolution in mesoporous TiO ₂ NiS hybrid. <i>Journal of Energy Chemistry</i> , 2019, 32, 45-56.	12.9	61
44	Energy level mediation of (BiO) ₂ CO ₃ via Br doping for efficient molecular oxygen activation and ciprofloxacin photodegradation. <i>Applied Catalysis B: Environmental</i> , 2019, 258, 117966.	20.2	70
45	Recent Advances in Cu-Based Cocatalysts toward Solar-to-Hydrogen Evolution: Categories and Roles. <i>Solar Rrl</i> , 2019, 3, 1900256.	5.8	41
46	Electrostatically assembled construction of ternary TiO ₂ -Cu@C hybrid with enhanced solar-to-hydrogen evolution employing amorphous carbon dots as electronic mediator. <i>Chemical Engineering Journal</i> , 2019, 375, 121902.	12.7	38
47	Synthesis of Titanium-Incorporated MWW Zeolite by Sequential Deboronation and Atom-Planting Treatment of ERB-1 as an Epoxidation Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 4764-4773.	3.7	32
48	Promoting solar-to-hydrogen evolution on Schottky interface with mesoporous TiO ₂ -Cu hybrid nanostructures. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 116-127.	9.4	58
49	Pd-Mediated Synthesis of Ag ₃₃ Chiral Nanocluster with Core-Shell Structure in T Point Group. <i>Journal of the American Chemical Society</i> , 2019, 141, 7107-7114.	13.7	71
50	g-C ₃ N ₄ surface-decorated Bi ₂ O ₂ CO ₃ for improved photocatalytic performance: Theoretical calculation and photodegradation of antibiotics in actual water matrix. <i>Chemical Engineering Journal</i> , 2019, 366, 468-479.	12.7	134
51	Oxygen vacancies modulated Bi-rich bismuth oxyiodide microspheres with tunable valence band position to boost the photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 612-620.	9.4	77
52	Promotion of peroxydisulfate activation over Cu _{0.84} Bi _{2.08} O ₄ for visible light induced photodegradation of ciprofloxacin in water matrix. <i>Chemical Engineering Journal</i> , 2019, 356, 472-482.	12.7	78
53	Stearic Acid-Modified Starch/Chitosan Composite Sponge with Asymmetric and Gradient Wettability for Wound Dressing. <i>ACS Applied Bio Materials</i> , 2019, 2, 171-181.	4.6	47
54	Highly selective oxidation of glycerol over Bi/Bi _{3.64} Mo _{0.36} O _{6.55} heterostructure: Dual reaction pathways induced by photogenerated $1O_2$ and holes. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 206-214.	20.2	87

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55	Residual Fe enhances the activity of BiOCl hierarchical nanostructure for hydrogen peroxide activation. <i>Journal of Catalysis</i> , 2019, 370, 265-273.	6.2	56
56	Simultaneous removal of As(V)/Cr(VI) and acid orange 7 (AO7) by nanosized ordered magnetic mesoporous Fe-Ce bimetal oxides: Behavior and mechanism. <i>Chemosphere</i> , 2019, 218, 1002-1013.	8.2	45
57	Promotional effect of short-chain saturated alcohols on Fe ₃ O ₄ -catalyzed decomposition of H ₂ O ₂ and its application in selective oxidation of benzyl alcohol. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1613-1621.	3.2	15
58	Impact of Cu particles on adsorption and photocatalytic capability of mesoporous Cu@TiO ₂ hybrid towards ciprofloxacin antibiotic removal. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 229-242.	5.3	32
59	One-step facile hydrothermal synthesis of flowerlike Ce/Fe bimetallic oxides for efficient As(V) and Cr(VI) remediation: Performance and mechanism. <i>Chemical Engineering Journal</i> , 2018, 343, 416-426.	12.7	86
60	One dimensional hierarchical nanostructures composed of CdS nanosheets/nanoparticles and Ag nanowires with promoted photocatalytic performance. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 903-915.	6.0	13
61	Bodipy-based chemosensors for highly sensitive and selective detection of Hg ²⁺ ions. <i>New Journal of Chemistry</i> , 2018, 42, 19224-19231.	2.8	26
62	Enhanced antibacterial activity and mechanism studies of Ag/Bi ₂ O ₃ nanocomposites. <i>Advanced Powder Technology</i> , 2018, 29, 2082-2090.	4.1	43
63	Titanium glycolate-derived TiO ₂ nanomaterials: Synthesis and applications. <i>Advanced Powder Technology</i> , 2018, 29, 2289-2311.	4.1	41
64	Extremely rapid engineering of zinc oxide nanoaggregates with structure-dependent catalytic capability towards removal of ciprofloxacin antibiotic. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2432-2444.	6.0	16
65	Enhanced reactive oxygen species activation for building carbon quantum dots modified Bi ₅ O ₇ I nanorod composites and optimized visible-light-response photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 727-737.	9.4	34
66	Facile Preparation of Micro/Mesoporous Conjugated Polymers for Multifunctional Sensing and Separation Applications. <i>ChemistrySelect</i> , 2018, 3, 4985-4993.	1.5	2
67	Impact of post-processing modes of precursor on adsorption and photocatalytic capability of mesoporous TiO ₂ nanocrystallite aggregates towards ciprofloxacin removal. <i>Chemical Engineering Journal</i> , 2018, 349, 1-16.	12.7	124
68	Achieving photocatalytic hydrogen production from alkaline solution upon a designed mesoporous TiO ₂ -Ni hybrid employing commonly used paper as a sacrificial electron donor. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2709-2717.	6.0	27
69	N-CQDs accelerating surface charge transfer of Bi ₄ O ₅ I ₂ hollow nanotubes with broad spectrum photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2018, 237, 1033-1043.	20.2	112
70	Adsorption behavior and mechanism of ibuprofen onto BiOCl microspheres with exposed {001} facets. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9556-9565.	5.3	20
71	Positive Ni(HCO ₃) ₂ as a Novel Cocatalyst for Boosting the Photocatalytic Hydrogen Evolution Capability of Mesoporous TiO ₂ Nanocrystals. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5027-5038.	6.7	98
72	Fe(III)-Modified BiOBr Hierarchitectures for Improved Photocatalytic Benzyl Alcohol Oxidation and Organic Pollutants Degradation. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 5935-5943.	3.7	73

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73	Same titanium glycolate precursor but different products: successful synthesis of twinned anatase TiO ₂ nanocrystals with excellent solar photocatalytic hydrogen evolution capability. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1319-1329.	6.0	37
74	In-situ room-temperature synthesis of amorphous/crystalline contact Bi ₂ S ₃ /Bi ₂ WO ₆ heterostructures for improved photocatalytic ability. <i>Ceramics International</i> , 2017, 43, 11296-11304.	4.8	34
75	HEPES-mediated controllable synthesis of hierarchical CuO nanostructures and their analogous photo-Fenton and antibacterial performance. <i>Advanced Powder Technology</i> , 2017, 28, 1332-1339.	4.1	15
76	Effective As(III) and As(V) immobilization from aqueous solution by nascent ferrous hydroxide colloids (FHC). <i>Separation and Purification Technology</i> , 2017, 176, 395-401.	7.9	24
77	Z-scheme BiO _{1-x} Br/Bi ₂ O ₂ CO ₃ photocatalyst with rich oxygen vacancy as electron mediator for highly efficient degradation of antibiotics. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 281-291.	20.2	277
78	A novel protocol to design TiO ₂ -Fe ₂ O ₃ hybrids with effective charge separation efficiency for improved photocatalysis. <i>Advanced Powder Technology</i> , 2017, 28, 665-670.	4.1	25
79	Insights into the structure-induced catalysis dependence of simply engineered one-dimensional zinc oxide nanocrystals towards photocatalytic water purification. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 2075-2087.	6.0	14
80	Recyclable and biodegradable superhydrophobic and superoleophilic chitosan sponge for the effective removal of oily pollutants from water. <i>Chemical Engineering Journal</i> , 2017, 330, 423-432.	12.7	116
81	Generation of defect clusters for ¹ O ₂ production for molecular oxygen activation in photocatalysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23453-23459.	10.3	87
82	Reversibly photo-switchable wettability of stearic acid monolayer modified bismuth-based micro-/nanomaterials. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 31666-31674.	2.8	15
83	Ionic liquid-employed synthesis of Bi ₂ E ₃ (E = S, Se, and Te) hierarchitectures: The case of Bi ₂ S ₃ with superior visible-light-driven Cr(VI) photoreduction capacity. <i>Chemical Engineering Journal</i> , 2017, 327, 371-386.	12.7	64
84	Sorbitol-employed hydrothermal carbonization to TiO ₂ @C mesoporous hybrids with promoted visible light utilization and excellent photosensitization stability. <i>Journal of Alloys and Compounds</i> , 2017, 723, 948-959.	5.5	13
85	Fabrication uniform hollow Bi ₂ S ₃ nanospheres via Kirkendall effect for photocatalytic reduction of Cr(VI) in electroplating industry wastewater. <i>Journal of Hazardous Materials</i> , 2017, 340, 253-262.	12.4	152
86	Redox transformation of arsenic by magnetic thin-film MnO ₂ nanosheet-coated flowerlike Fe ₃ O ₄ nanocomposites. <i>Chemical Engineering Journal</i> , 2017, 312, 39-49.	12.7	58
87	A magnetic superhydrophilic/oleophobic sponge for continuous oil-water separation. <i>Chemical Engineering Journal</i> , 2017, 309, 366-373.	12.7	170
88	Facile template-free fabrication of iron manganese bimetal oxides nanospheres with excellent capability for heavy metals removal. <i>Journal of Colloid and Interface Science</i> , 2017, 486, 211-218.	9.4	62
89	Enhanced antibacterial and wound healing activities of microporous chitosan-Ag/ZnO composite dressing. <i>Carbohydrate Polymers</i> , 2017, 156, 460-469.	10.2	302
90	Anion exchange synthesis of hollow BiOCl/Bi ₂ S ₃ hybrids with superior capability for photocatalytic reduction of hexavalent chromium under visible light irradiation. <i>Micro and Nano Letters</i> , 2017, 12, 1020-1023.	1.3	7

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91	Modification with Metallic Bismuth as Efficient Strategy for the Promotion of Photocatalysis: The Case of Bismuth Phosphate. <i>ChemSusChem</i> , 2016, 9, 1579-1585.	6.8	82
92	Enhanced adsorption and photocatalysis capability of generally synthesized TiO ₂ -carbon materials hybrids. <i>Advanced Powder Technology</i> , 2016, 27, 1949-1962.	4.1	74
93	Mediation of Valence Band Maximum of BiOI by Cl Incorporation for Improved Oxidation Power in Photocatalysis. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4969-4978.	3.7	48
94	Facile synthesis of Ag/AgCl/BiOCl ternary nanocomposites for photocatalytic inactivation of <i>S. aureus</i> under visible light. <i>RSC Advances</i> , 2016, 6, 52264-52270.	3.6	34
95	Crystal Defect Engineering of Aurivillius Bi ₂ MoO ₆ by Ce Doping for Increased Reactive Species Production in Photocatalysis. <i>ACS Catalysis</i> , 2016, 6, 3180-3192.	11.2	352
96	Insights into Promoted Adsorption Capability of Layered BiOCl Nanostructures Decorated with TiO ₂ Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 7013-7022.	6.7	70
97	Facile synthesis of porous organic polymers for the absorption of Pd(II) ions and organic dyes. <i>RSC Advances</i> , 2016, 6, 79781-79791.	3.6	6
98	One-step solvothermal synthesis of Al-promoted Fe ₃ O ₄ magnetic catalysts for the selective oxidation of benzyl alcohol to benzaldehyde with H ₂ O ₂ in water. <i>RSC Advances</i> , 2016, 6, 101048-101060.	3.6	27
99	Design of a superhydrophobic and superoleophilic film using cured fluoropolymer@silica hybrid. <i>Applied Surface Science</i> , 2016, 388, 268-273.	6.1	37
100	Novel Asymmetric Wettable AgNPs/Chitosan Wound Dressing: In Vitro and In Vivo Evaluation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3958-3968.	8.0	335
101	Rhodamine B-sensitized BiOCl hierarchical nanostructure for methyl orange photodegradation. <i>RSC Advances</i> , 2016, 6, 7772-7779.	3.6	66
102	Nanoprecursor-Mediated Synthesis of Mg ²⁺ -Doped TiO ₂ Nanoparticles and Their Application for Dye-Sensitized Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 744-752.	0.9	7
103	<i>N,N</i> -Bis(2-hydroxyethyl)-2-aminoethanesulfonic Acid-assisted Liquid-phase Growth of Au@Pd Core-Shell Nanoparticles with High Catalytic Activity. <i>Chemistry Letters</i> , 2015, 44, 1371-1373.	1.3	4
104	Time-dependent evolution of the Bi _{3.64} Mo _{0.36} O _{6.55} /Bi ₂ MoO ₆ heterostructure for enhanced photocatalytic activity via the interfacial hole migration. <i>Nanoscale</i> , 2015, 7, 11991-11999.	5.6	104
105	One-pot hydrothermal synthesis of Pd/Fe ₃ O ₄ nanocomposite in HEPES buffer solution and catalytic activity for Suzuki reaction. <i>Materials Research Bulletin</i> , 2015, 66, 186-191.	5.2	14
106	A facile and general synthesis strategy to doped TiO ₂ nanoaggregates with a mesoporous structure and comparable property. <i>RSC Advances</i> , 2015, 5, 64293-64298.	3.6	38
107	Selective oxidation of benzyl alcohol to benzaldehyde with H ₂ O ₂ in water on epichlorohydrin-modified Fe ₃ O ₄ microspheres. <i>New Journal of Chemistry</i> , 2015, 39, 4924-4932.	2.8	54
108	Photoinduced switchable wettability of bismuth coating with hierarchical dendritic structure between superhydrophobicity and superhydrophilicity. <i>Applied Surface Science</i> , 2015, 353, 735-743.	6.1	28

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109	Ag-decorated Bi ₂ O ₃ nanospheres with enhanced visible-light-driven photocatalytic activities for water treatment. RSC Advances, 2015, 5, 69312-69318.	3.6	46
110	HEPES-involved hydrothermal synthesis of Fe ₃ O ₄ nanoparticles and their biological application. RSC Advances, 2015, 5, 5059-5067.	3.6	31
111	Thickness-tunable solvothermal synthesis of BiOCl nanosheets and their photosensitization catalytic performance. New Journal of Chemistry, 2015, 39, 1274-1280.	2.8	39
112	From Ni-based nanoprecursors to NiO nanostructures: morphology-controlled synthesis and structure-dependent electrochemical behavior. New Journal of Chemistry, 2015, 39, 676-682.	2.8	44
113	Achieving phase transformation and structure control of crystalline anatase TiO ₂ @C hybrids from titanium glycolate precursor and glucose molecules. Journal of Colloid and Interface Science, 2015, 438, 169-178.	9.4	22
114	Enhanced visible light photocatalytic performance of Sb-doped (BiO) ₂ CO ₃ nanoplates. Catalysis Communications, 2015, 58, 190-194.	3.3	38
115	Tunable surface wettability and water adhesion of Sb ₂ S ₃ micro-/nanorod films. Applied Surface Science, 2014, 289, 425-429.	6.1	10
116	Facile hydrothermal selective fabrication of Ni(OH) ₂ and Ni(HCO ₃) ₂ nanoparticulates and their electrochemical performances. RSC Advances, 2014, 4, 49303-49307.	3.6	34
117	Mannitol-assisted solvothermal synthesis of BiOCl hierarchical nanostructures and their mixed organic dye adsorption capacities. CrystEngComm, 2014, 16, 4298-4305.	2.6	42
118	Tuning the Composition of AuPt Bimetallic Nanoparticles for Antibacterial Application. Angewandte Chemie - International Edition, 2014, 53, 8127-8131.	13.8	208
119	Hydrothermal synthesis of porous Fe ₂ O ₃ nanostructures for highly efficient Cr(vi) removal. New Journal of Chemistry, 2014, 38, 2911.	2.8	45
120	Size-tunable fabrication of multifunctional Bi ₂ O ₃ porous nanospheres for photocatalysis, bacteria inactivation and template-synthesis. Nanoscale, 2014, 6, 5402.	5.6	115
121	HEPES and polyol mediated solvothermal synthesis of hierarchical porous ZnO microspheres and their improved photocatalytic activity. Materials Letters, 2014, 130, 115-119.	2.6	20
122	A Review on Bismuth-Related Nanomaterials for Photocatalysis. Reviews in Advanced Sciences and Engineering, 2014, 3, 3-27.	0.6	108
123	Refluxing Synthesis of Anatase TiO ₂ Nanoparticles Assembled Microprisms and Its Application for Dye-Sensitized Solar Cells. Science of Advanced Materials, 2014, 6, 459-464.	0.7	9
124	Fluoropolymer/SiO ₂ composite films with switchable superoleophilicity and high oleophobicity for oil permeation. Applied Surface Science, 2013, 280, 113-116.	6.1	18
125	Citrate/Urea/Solvent Mediated Self-Assembly of (BiO) ₂ CO ₃ Hierarchical Nanostructures and Their Associated Photocatalytic Performance. Industrial & Engineering Chemistry Research, 2013, 52, 12604-12612.	3.7	33
126	Structure modification of anatase TiO ₂ nanomaterials-based photoanodes for efficient dye-sensitized solar cells. Electrochimica Acta, 2013, 113, 527-535.	5.2	36

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127	Highly efficient photocatalytic reduction of Cr(VI) by bismuth hollow nanospheres. <i>Catalysis Communications</i> , 2013, 42, 14-19.	3.3	78
128	Facile synthesis and characterization of TiO ₂ nanodots and TiO ₂ nanodots@MWCNTs composite via solvothermal method. <i>Materials Letters</i> , 2013, 113, 71-75.	2.6	5
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