

# Rong Chen

## List of Publications by Year in descending order

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177  
papers

13,224  
citations

23500

58  
h-index

24915

109  
g-index

181  
all docs

181  
docs citations

181  
times ranked

16209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simply Coupling TiO <sub>2</sub> Nanospheres with Cu <sub>2</sub> O Particles to Boost the Photocatalytic Hydrogen Evolution through p-n Heterojunction-Induced Charge Transfer. <i>Energy Technology</i> , 2022, 10, 2100259.	1.8	4
2	Achieving simultaneous Cu particles anchoring in meso-porous TiO <sub>2</sub> nanofabrication for enhancing photo-catalytic CO <sub>2</sub> reduction through rapid charge separation. <i>Chinese Chemical Letters</i> , 2022, 33, 1313-1316.	4.8	48
3	Recent advances in synthesis strategies and solar-to-hydrogen evolution of 1T phase MS <sub>2</sub> (M=As, Mo) co-catalysts. <i>Journal of Materials Science and Technology</i> , 2022, 101, 242-263.	5.6	14
4	Facilely anchoring Cu <sub>2</sub> O nanoparticles on mesoporous TiO <sub>2</sub> nanorods for enhanced photocatalytic CO <sub>2</sub> reduction through efficient charge transfer. <i>Chinese Chemical Letters</i> , 2022, 33, 3709-3712.	4.8	80
5	Highly efficient Cr(VI) removal from industrial electroplating wastewater over Bi <sub>2</sub> S <sub>3</sub> nanostructures prepared by dual sulfur-precursors: Insights on the promotion effect of sulfate ions. <i>Journal of Hazardous Materials</i> , 2022, 424, 127423.	6.5	26
6	Precursor self-derived Cu@TiO <sub>2</sub> hybrid Schottky junction for enhanced solar-to-hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 10628-10637.	3.8	13
7	Construction of Ag-decorated ZnO with oxygen vacancies for enhanced antibacterial activity via increased H <sub>2</sub> O <sub>2</sub> production. <i>Journal of Inorganic Biochemistry</i> , 2022, 231, 111778.	1.5	9
8	Ions-exchange anchoring Cu <sub>7</sub> S <sub>4</sub> cocatalyst on K <sub>2</sub> Ti <sub>8</sub> O <sub>17</sub> nanowires assembly for enhanced CO <sub>2</sub> photoreduction through efficient charge separation. <i>Journal of Alloys and Compounds</i> , 2022, 909, 164792.	2.8	11
9	Metallic Copper-Containing Composite Photocatalysts: Fundamental, Materials Design, and Photoredox Applications. <i>Small Methods</i> , 2022, 6, e2101001.	4.6	18
10	Integrated p-n/Schottky junctions for efficient photocatalytic hydrogen evolution upon Cu@TiO <sub>2</sub> -Cu <sub>2</sub> O ternary hybrids with steering charge transfer. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 924-937.	5.0	31
11	Broad-spectrum response NCQDs/Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> heterojunction nanosheets for ciprofloxacin photodegradation: Unraveling the unique roles of NCQDs upon different light irradiation. <i>Chemosphere</i> , 2021, 264, 128434.	4.2	40
12	Synergistic mediation of metallic bismuth and oxygen vacancy in Bi/Bi <sub>2</sub> WO <sub>6-x</sub> to promote H <sub>2</sub> O <sub>2</sub> production for the photodegradation of bisphenol A and its analogues in water matrix. <i>Journal of Hazardous Materials</i> , 2021, 403, 123661.	6.5	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.	4.2	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.	3.9	18
15	Facilely Anchoring Cu nanoparticles on WO <sub>3</sub> Nanocubes for Enhanced Photocatalysis through Efficient Interface Charge Transfer. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2021, 36, 325.	0.6	2
16	Engineered tungsten oxide-based photocatalysts for CO <sub>2</sub> reduction: categories and roles. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22781-22809.	5.2	29
17	Copper-promoted heterogeneous Fenton-like oxidation of Rhodamine B over Fe <sub>3</sub> O <sub>4</sub> magnetic nanocatalysts at mild conditions. <i>Environmental Science and Pollution Research</i> , 2021, 28, 19959-19968.	2.7	11
18	Porous biochar-supported MnFe <sub>2</sub> O <sub>4</sub> 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.	6.5	77

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19	Oxygen vacancy induced peroxymonosulfate activation by Mg-doped Fe <sub>2</sub> O <sub>3</sub> composites for advanced oxidation of organic pollutants. <i>Chemosphere</i> , 2021, 279, 130482.	4.2	60
20	Boosting hydrogen evolution over Ni <sub>6</sub> (SCH <sub>2</sub> Ph) <sub>12</sub> nanocluster modified TiO <sub>2</sub> via pseudo-Z-scheme interfacial charge transfer. <i>Applied Catalysis B: Environmental</i> , 2021, 292, 120158.	10.8	18
21	Facile construction of g-C <sub>3</sub> N <sub>4</sub> -W <sub>18</sub> O <sub>49</sub> heterojunction with improved charge transfer for solar-driven CO <sub>2</sub> photoreduction. <i>Inorganic Chemistry Communication</i> , 2021, 132, 108814.	1.8	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 <sub>2</sub> involved process. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120576.	10.8	39
23	Fluorescent dialdehyde-BODIPY chitosan hydrogel and its highly sensing ability to Cu <sup>2+</sup> ion. <i>Carbohydrate Polymers</i> , 2021, 273, 118590.	5.1	20
24	Photocatalytic N <sub>2</sub> Reduction: Uncertainties in the Determination of Ammonia Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 560-568.	3.2	20
25	Chlorine-enhanced photocatalytic degradation of PPCPs over Bi <sub>2</sub> MoO <sub>6</sub> /(BiO) <sub>2</sub> CO <sub>3</sub> heterostructures. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106597.	3.3	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.	2.2	45
27	The photovoltaic performance of highly asymmetric phthalocyanine-sensitized brookite-based solar cells. <i>Optik</i> , 2020, 200, 163413.	1.4	8
28	Construction of ultrathin MoS <sub>2</sub> /Bi <sub>5</sub> O <sub>7</sub> I composites: Effective charge separation and increased photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 475-484.	5.0	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.	6.5	76
30	A novel multilayer brookite TiO <sub>2</sub> electrode for improved performance of pure brookite-based dye sensitized solar cells. <i>Chemical Physics Letters</i> , 2020, 738, 136902.	1.2	12
31	Surface Potential/Wettability and Interface Charge Transfer Engineering of Copper-Oxide (Cu <sup>2+</sup> /MO <sub>x</sub> , M = W, Ti, and Ce) Hybrids for Efficient Wastewater Treatment through Adsorption-Photocatalysis Synergy. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 15454-15463.	1.8	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.	0.7	10
33	Engineered zinc oxide nanoaggregates for photocatalytic removal of ciprofloxacin with structure dependence. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	13
34	A 1D/2D WO <sub>3</sub> nanostructure coupled with a nanoparticulate CuO cocatalyst for enhancing solar-driven CO <sub>2</sub> photoreduction: the impact of the crystal facet. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2593-2603.	2.5	29
35	Facile polyol-triggered anatase-rutile heterophase TiO <sub>2-x</sub> nanoparticles for enhancing photocatalytic CO <sub>2</sub> reduction. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 872-877.	5.0	34
36	New soft chemistry route to titanomagnetite magnetic nanoparticles with enhanced peroxidase-like activity. <i>Powder Technology</i> , 2020, 373, 39-45.	2.1	11

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37	Ag <sub>18</sub> ( $\frac{1}{4}$ S) <sub>8</sub> -TBBT <sub>16</sub> (PPh <sub>3</sub> ) <sub>8</sub> : symmetry breaking induced by the core to generate chirality. <i>Chemical Communications</i> , 2020, 56, 2719-2722.	2.2	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.	5.0	32
39	Cuprous ion (Cu <sup>+</sup> ) doping induced surface/interface engineering for enhancing the CO <sub>2</sub> photoreduction capability of W <sub>18</sub> O <sub>49</sub> nanowires. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 306-317.	5.0	50
40	One-step Mechanical Synthesis of Oxygen-defect Modified Ultrathin Bi <sub>12</sub> O <sub>17</sub> Br <sub>2</sub> Nanosheets for Boosting Photocatalytic Activity. <i>ChemistrySelect</i> , 2020, 5, 11177-11184.	0.7	9
41	Achieving solar-to-hydrogen evolution promotion using TiO <sub>2</sub> nanoparticles and an unanchored Cu co-catalyst. <i>Materials Research Bulletin</i> , 2020, 129, 110891.	2.7	15
42	Fluorescent macromolecular chemosensors for highly and selectively detecting of 2, 4, 6-trinitrophenol. <i>Materials Research Express</i> , 2020, 7, 105304.	0.8	8
43	Synergistic impact of cocatalysts and hole scavenger for promoted photocatalytic H <sub>2</sub> evolution in mesoporous TiO <sub>2</sub> NiS hybrid. <i>Journal of Energy Chemistry</i> , 2019, 32, 45-56.	7.1	61
44	Energy level mediation of (BiO) <sub>2</sub> CO <sub>3</sub> via Br doping for efficient molecular oxygen activation and ciprofloxacin photodegradation. <i>Applied Catalysis B: Environmental</i> , 2019, 258, 117966.	10.8	70
45	Recent Advances in Cu-Based Cocatalysts toward Solar-to-Hydrogen Evolution: Categories and Roles. <i>Solar Rrl</i> , 2019, 3, 1900256.	3.1	41
46	Electrostatically assembled construction of ternary TiO <sub>2</sub> -Cu@C hybrid with enhanced solar-to-hydrogen evolution employing amorphous carbon dots as electronic mediator. <i>Chemical Engineering Journal</i> , 2019, 375, 121902.	6.6	38
47	Synthesis of Titanium-Incorporated MWW Zeolite by Sequential Deboronation and Atom-Planting Treatment of ERB-1 as an Epoxidation Catalyst. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 4764-4773.	1.8	32
48	Promoting solar-to-hydrogen evolution on Schottky interface with mesoporous TiO <sub>2</sub> -Cu hybrid nanostructures. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 116-127.	5.0	58
49	Pd-Mediated Synthesis of Ag <sub>33</sub> Chiral Nanocluster with Core-Shell Structure in T Point Group. <i>Journal of the American Chemical Society</i> , 2019, 141, 7107-7114.	6.6	71
50	g-C <sub>3</sub> N <sub>4</sub> surface-decorated Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> for improved photocatalytic performance: Theoretical calculation and photodegradation of antibiotics in actual water matrix. <i>Chemical Engineering Journal</i> , 2019, 366, 468-479.	6.6	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.	5.0	77
52	Promotion of peroxydisulfate activation over Cu <sub>0.84</sub> Bi <sub>2.08</sub> O <sub>4</sub> for visible light induced photodegradation of ciprofloxacin in water matrix. <i>Chemical Engineering Journal</i> , 2019, 356, 472-482.	6.6	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.	2.3	47
54	Highly selective oxidation of glycerol over Bi/Bi <sub>3.64</sub> Mo <sub>0.36</sub> O <sub>6.55</sub> heterostructure: Dual reaction pathways induced by photogenerated IO <sub>2</sub> and holes. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 206-214.	10.8	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.	3.1	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.	4.2	45
57	Promotional effect of short-chain saturated alcohols on Fe <sub>3</sub> O <sub>4</sub> -catalyzed decomposition of H <sub>2</sub> O <sub>2</sub> and its application in selective oxidation of benzyl alcohol. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1613-1621.	1.6	15
58	Impact of Cu particles on adsorption and photocatalytic capability of mesoporous Cu@TiO <sub>2</sub> hybrid towards ciprofloxacin antibiotic removal. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 229-242.	2.7	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.	6.6	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.	3.0	13
61	Bodipy-based chemosensors for highly sensitive and selective detection of Hg <sup>2+</sup> ions. <i>New Journal of Chemistry</i> , 2018, 42, 19224-19231.	1.4	26
62	Enhanced antibacterial activity and mechanism studies of Ag/Bi <sub>2</sub> O <sub>3</sub> nanocomposites. <i>Advanced Powder Technology</i> , 2018, 29, 2082-2090.	2.0	43
63	Titanium glycolate-derived TiO <sub>2</sub> nanomaterials: Synthesis and applications. <i>Advanced Powder Technology</i> , 2018, 29, 2289-2311.	2.0	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.	3.0	16
65	Enhanced reactive oxygen species activation for building carbon quantum dots modified Bi <sub>5</sub> O <sub>7</sub> I nanorod composites and optimized visible-light-response photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 727-737.	5.0	34
66	Facile Preparation of Micro/Mesoporous Conjugated Polymers for Multifunctional Sensing and Separation Applications. <i>ChemistrySelect</i> , 2018, 3, 4985-4993.	0.7	2
67	Impact of post-processing modes of precursor on adsorption and photocatalytic capability of mesoporous TiO <sub>2</sub> nanocrystallite aggregates towards ciprofloxacin removal. <i>Chemical Engineering Journal</i> , 2018, 349, 1-16.	6.6	124
68	Achieving photocatalytic hydrogen production from alkaline solution upon a designed mesoporous TiO <sub>2</sub> -Ni hybrid employing commonly used paper as a sacrificial electron donor. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2709-2717.	3.0	27
69	N-CQDs accelerating surface charge transfer of Bi <sub>4</sub> O <sub>5</sub> I <sub>2</sub> hollow nanotubes with broad spectrum photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2018, 237, 1033-1043.	10.8	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.	2.7	20
71	Positive Ni(HCO <sub>3</sub> ) <sub>2</sub> as a Novel Cocatalyst for Boosting the Photocatalytic Hydrogen Evolution Capability of Mesoporous TiO <sub>2</sub> Nanocrystals. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5027-5038.	3.2	98
72	Fe(III)-Modified BiOBr Hierarchitectures for Improved Photocatalytic Benzyl Alcohol Oxidation and Organic Pollutants Degradation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 5935-5943.	1.8	73

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73	Same titanium glycolate precursor but different products: successful synthesis of twinned anatase TiO <sub>2</sub> nanocrystals with excellent solar photocatalytic hydrogen evolution capability. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1319-1329.	3.0	37
74	In-situ room-temperature synthesis of amorphous/crystalline contact Bi <sub>2</sub> S <sub>3</sub> /Bi <sub>2</sub> WO <sub>6</sub> heterostructures for improved photocatalytic ability. <i>Ceramics International</i> , 2017, 43, 11296-11304.	2.3	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.	2.0	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.	3.9	24
77	Z-scheme BiO <sub>1-x</sub> Br/Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> photocatalyst with rich oxygen vacancy as electron mediator for highly efficient degradation of antibiotics. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 281-291.	10.8	277
78	A novel protocol to design TiO <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> hybrids with effective charge separation efficiency for improved photocatalysis. <i>Advanced Powder Technology</i> , 2017, 28, 665-670.	2.0	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.	3.0	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.	6.6	116
81	Generation of defect clusters for <sup>1</sup> O <sub>2</sub> production for molecular oxygen activation in photocatalysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23453-23459.	5.2	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.	1.3	15
83	Ionic liquid-employed synthesis of Bi <sub>2</sub> E <sub>3</sub> (E = S, Se, and Te) hierarchitectures: The case of Bi <sub>2</sub> S <sub>3</sub> with superior visible-light-driven Cr(VI) photoreduction capacity. <i>Chemical Engineering Journal</i> , 2017, 327, 371-386.	6.6	64
84	Sorbitol-employed hydrothermal carbonization to TiO <sub>2</sub> @C mesoporous hybrids with promoted visible light utilization and excellent photosensitization stability. <i>Journal of Alloys and Compounds</i> , 2017, 723, 948-959.	2.8	13
85	Fabrication uniform hollow Bi <sub>2</sub> S <sub>3</sub> nanospheres via Kirkendall effect for photocatalytic reduction of Cr(VI) in electroplating industry wastewater. <i>Journal of Hazardous Materials</i> , 2017, 340, 253-262.	6.5	152
86	Redox transformation of arsenic by magnetic thin-film MnO <sub>2</sub> nanosheet-coated flowerlike Fe <sub>3</sub> O <sub>4</sub> nanocomposites. <i>Chemical Engineering Journal</i> , 2017, 312, 39-49.	6.6	58
87	A magnetic superhydrophilic/oleophobic sponge for continuous oil-water separation. <i>Chemical Engineering Journal</i> , 2017, 309, 366-373.	6.6	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.	5.0	62
89	Enhanced antibacterial and wound healing activities of microporous chitosan-Ag/ZnO composite dressing. <i>Carbohydrate Polymers</i> , 2017, 156, 460-469.	5.1	302
90	Anion exchange synthesis of hollow BiOCl/Bi <sub>2</sub> S <sub>3</sub> hybrids with superior capability for photocatalytic reduction of hexavalent chromium under visible light irradiation. <i>Micro and Nano Letters</i> , 2017, 12, 1020-1023.	0.6	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.	3.6	82
92	Enhanced adsorption and photocatalysis capability of generally synthesized TiO <sub>2</sub> -carbon materials hybrids. <i>Advanced Powder Technology</i> , 2016, 27, 1949-1962.	2.0	74
93	Mediation of Valence Band Maximum of BiOI by Cl Incorporation for Improved Oxidation Power in Photocatalysis. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 4969-4978.	1.8	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.	1.7	34
95	Crystal Defect Engineering of Aurivillius Bi <sub>2</sub> Mo <sub>6</sub> by Ce Doping for Increased Reactive Species Production in Photocatalysis. <i>ACS Catalysis</i> , 2016, 6, 3180-3192.	5.5	352
96	Insights into Promoted Adsorption Capability of Layered BiOCl Nanostructures Decorated with TiO <sub>2</sub> Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 7013-7022.	3.2	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.	1.7	6
98	One-step solvothermal synthesis of Al-promoted Fe <sub>3</sub> O <sub>4</sub> magnetic catalysts for the selective oxidation of benzyl alcohol to benzaldehyde with H <sub>2</sub> O <sub>2</sub> in water. <i>RSC Advances</i> , 2016, 6, 101048-101060.	1.7	27
99	Design of a superhydrophobic and superoleophilic film using cured fluoropolymer@silica hybrid. <i>Applied Surface Science</i> , 2016, 388, 268-273.	3.1	37
100	Novel Asymmetric Wettable AgNPs/Chitosan Wound Dressing: In Vitro and In Vivo Evaluation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 3958-3968.	4.0	335
101	Rhodamine B-sensitized BiOCl hierarchical nanostructure for methyl orange photodegradation. <i>RSC Advances</i> , 2016, 6, 7772-7779.	1.7	66
102	Nanoprecursor-Mediated Synthesis of Mg <sup>2+</sup> -Doped TiO <sub>2</sub> 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.	0.7	4
104	Time-dependent evolution of the Bi <sub>3.64</sub> Mo <sub>0.36</sub> O <sub>6.55</sub> /Bi <sub>2</sub> Mo <sub>6</sub> heterostructure for enhanced photocatalytic activity via the interfacial hole migration. <i>Nanoscale</i> , 2015, 7, 11991-11999.	2.8	104
105	One-pot hydrothermal synthesis of Pd/Fe <sub>3</sub> O <sub>4</sub> nanocomposite in HEPES buffer solution and catalytic activity for Suzuki reaction. <i>Materials Research Bulletin</i> , 2015, 66, 186-191.	2.7	14
106	A facile and general synthesis strategy to doped TiO <sub>2</sub> nanoaggregates with a mesoporous structure and comparable property. <i>RSC Advances</i> , 2015, 5, 64293-64298.	1.7	38
107	Selective oxidation of benzyl alcohol to benzaldehyde with H <sub>2</sub> O <sub>2</sub> in water on epichlorohydrin-modified Fe <sub>3</sub> O <sub>4</sub> microspheres. <i>New Journal of Chemistry</i> , 2015, 39, 4924-4932.	1.4	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.	3.1	28

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109	Ag-decorated Bi <sub>2</sub> O <sub>3</sub> nanospheres with enhanced visible-light-driven photocatalytic activities for water treatment. RSC Advances, 2015, 5, 69312-69318.	1.7	46
110	HEPES-involved hydrothermal synthesis of Fe <sub>3</sub> O <sub>4</sub> nanoparticles and their biological application. RSC Advances, 2015, 5, 5059-5067.	1.7	31
111	Thickness-tunable solvothermal synthesis of BiOCl nanosheets and their photosensitization catalytic performance. New Journal of Chemistry, 2015, 39, 1274-1280.	1.4	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.	1.4	44
113	Achieving phase transformation and structure control of crystalline anatase TiO <sub>2</sub> @C hybrids from titanium glycolate precursor and glucose molecules. Journal of Colloid and Interface Science, 2015, 438, 169-178.	5.0	22
114	Enhanced visible light photocatalytic performance of Sb-doped (BiO) <sub>2</sub> CO <sub>3</sub> nanoplates. Catalysis Communications, 2015, 58, 190-194.	1.6	38
115	Tunable surface wettability and water adhesion of Sb <sub>2</sub> S <sub>3</sub> micro-/nanorod films. Applied Surface Science, 2014, 289, 425-429.	3.1	10
116	Facile hydrothermal selective fabrication of Ni(OH) <sub>2</sub> and Ni(HCO <sub>3</sub> ) <sub>2</sub> nanoparticulates and their electrochemical performances. RSC Advances, 2014, 4, 49303-49307.	1.7	34
117	Mannitol-assisted solvothermal synthesis of BiOCl hierarchical nanostructures and their mixed organic dye adsorption capacities. CrystEngComm, 2014, 16, 4298-4305.	1.3	42
118	Tuning the Composition of AuPt Bimetallic Nanoparticles for Antibacterial Application. Angewandte Chemie - International Edition, 2014, 53, 8127-8131.	7.2	208
119	Hydrothermal synthesis of porous Fe <sub>2</sub> O <sub>3</sub> nanostructures for highly efficient Cr(vi) removal. New Journal of Chemistry, 2014, 38, 2911.	1.4	45
120	Size-tunable fabrication of multifunctional Bi <sub>2</sub> O <sub>3</sub> porous nanospheres for photocatalysis, bacteria inactivation and template-synthesis. Nanoscale, 2014, 6, 5402.	2.8	115
121	HEPES and polyol mediated solvothermal synthesis of hierarchical porous ZnO microspheres and their improved photocatalytic activity. Materials Letters, 2014, 130, 115-119.	1.3	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 <sub>2</sub> Nanoparticles Assembled Microprisms and Its Application for Dye-Sensitized Solar Cells. Science of Advanced Materials, 2014, 6, 459-464.	0.1	9
124	Fluoropolymer/SiO <sub>2</sub> composite films with switchable superoleophilicity and high oleophobicity for oil permeation. Applied Surface Science, 2013, 280, 113-116.	3.1	18
125	Citrate/Urea/Solvent Mediated Self-Assembly of (BiO) <sub>2</sub> CO <sub>3</sub> Hierarchical Nanostructures and Their Associated Photocatalytic Performance. Industrial & Engineering Chemistry Research, 2013, 52, 12604-12612.	1.8	33
126	Structure modification of anatase TiO <sub>2</sub> nanomaterials-based photoanodes for efficient dye-sensitized solar cells. Electrochimica Acta, 2013, 113, 527-535.	2.6	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.	1.6	78
128	Facile synthesis and characterization of TiO <sub>2</sub> nanodots and TiO <sub>2</sub> nanodots@MWCNTs composite via solvothermal method. <i>Materials Letters</i> , 2013, 113, 71-75.	1.3	5
129	Controllable synthesis of hierarchical Bi <sub>2</sub> CuO <sub>4</sub> microspheres in aqueous solution and their highly efficient visible-light-driven photocatalytic activities. <i>CrystEngComm</i> , 2013, 15, 8159.	1.3	18
130	Tunable BiOCl hierarchical nanostructures for high-efficient photocatalysis under visible light irradiation. <i>Chemical Engineering Journal</i> , 2013, 220, 228-236.	6.6	196
131	A facile polyol-mediated approach to tunable CeO <sub>2</sub> microcrystals and their photocatalytic activity. <i>Powder Technology</i> , 2013, 249, 89-94.	2.1	13
132	Monoclinic BiVO <sub>4</sub> micro-/nanostructures: Microwave and ultrasonic wave combined synthesis and their visible-light photocatalytic activities. <i>Journal of Alloys and Compounds</i> , 2013, 551, 544-550.	2.8	82
133	BiOX (X=Cl, Br, I) nanostructures: Mannitol-mediated microwave synthesis, visible light photocatalytic performance, and Cr(VI) removal capacity. <i>Journal of Colloid and Interface Science</i> , 2013, 409, 43-51.	5.0	112
134	Controllable microwave and ultrasonic wave combined synthesis of ZnO micro-/nanostructures in HEPES solution and their shape-dependent photocatalytic activities. <i>Journal of Alloys and Compounds</i> , 2013, 567, 1-9.	2.8	38
135	Novel Preparation of Anatase TiO <sub>2</sub> @Reduced Graphene Oxide Hybrids for High-Performance Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 6635-6642.	4.0	147
136	Î <sup>2</sup> -Bi <sub>2</sub> O <sub>3</sub> and Er <sup>3+</sup> doped Î <sup>2</sup> -Bi <sub>2</sub> O <sub>3</sub> single crystalline nanosheets with exposed reactive {001} facets and enhanced photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2013, 140-141, 141-150.	10.8	77
137	Size-dependent antibacterial activities of silver nanoparticles against oral anaerobic pathogenic bacteria. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 1465-1471.	1.7	316
138	Facile template-free and fast refluxing synthesis of 3D desertrose-like BiOCl nanoarchitectures with superior photocatalytic activity. <i>New Journal of Chemistry</i> , 2013, 37, 3207.	1.4	138
139	Highly Selective Antibacterial Activities of Silver Nanoparticles Against <i>Bacillus subtilis</i> . <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 6806-6813.	0.9	91
140	Solvothermal Synthesis of Layered BiOCl Nanosheets and Their Efficient VisibleLight-Induced Photocatalytic Activities. <i>Science of Advanced Materials</i> , 2013, 5, 1024-1031.	0.1	6
141	Shape-Dependent Photocatalytic Activities of Bismuth Subcarbonate Nanostructures. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 4028-4034.	0.9	16
142	Large-scale synthesis of bismuth hollow nanospheres for highly efficient Cr(vi) removal. <i>Dalton Transactions</i> , 2012, 41, 11263.	1.6	60
143	Template-Free Fabrication of Bi <sub>2</sub> O <sub>3</sub> and (BiO) <sub>2</sub> CO <sub>3</sub> Nanotubes and Their Application in Water Treatment. <i>Chemistry - A European Journal</i> , 2012, 18, 16491-16497.	1.7	126
144	Facile Microwave Synthesis of 3D Flowerlike BiOBr Nanostructures and Their Excellent Cr <sup>VI</sup> Removal Capacity. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2508-2513.	1.0	70

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145	Cytotoxicity and inhibition of lipid peroxidation activity of resveratrol/cyclodextrin inclusion complexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 73, 313-320.	1.6	30
146	Intestinal metabolite compound K of panaxoside inhibits the growth of gastric carcinoma by augmenting apoptosis via Bid-mediated mitochondrial pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 96-106.	1.6	54
147	Facile solvothermal synthesis of uniform sponge-like Bi <sub>2</sub> SiO <sub>5</sub> hierarchical nanostructure and its application in Cr(VI) removal. <i>Materials Letters</i> , 2012, 77, 25-28.	1.3	27
148	One-pot solvothermal synthesis of Pd/Fe <sub>3</sub> O <sub>4</sub> nanocomposite and its magnetically recyclable and efficient catalysis for Suzuki reactions. <i>Journal of Molecular Catalysis A</i> , 2012, 359, 81-87.	4.8	59
149	Well-crystallized square-like 2D BiOCl nanoplates: mannitol-assisted hydrothermal synthesis and improved visible-light-driven photocatalytic performance. <i>RSC Advances</i> , 2011, 1, 1542.	1.7	319
150	BiOOH hierarchical nanostructures: Shape-controlled solvothermal synthesis and photocatalytic degradation performances. <i>CrystEngComm</i> , 2011, 13, 2381.	1.3	91
151	Large-scale synthesis of bismuth sulfide nanorods by microwave irradiation. <i>Journal of Alloys and Compounds</i> , 2011, 509, 2116-2126.	2.8	42
152	Microwave-Assisted Facile Synthesis of Palladium Nanoparticles in HEPES Solution and Their Size-Dependent Catalytic Activities to Suzuki Reaction. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 7794-7801.	0.9	17
153	Fabrication of ordered flower-like ZnO nanostructures by a microwave and ultrasonic combined technique and their enhanced photocatalytic activity. <i>Materials Letters</i> , 2011, 65, 3440-3443.	1.3	58
154	Microwave synthesis of BiPO <sub>4</sub> nanostructures and their morphology-dependent photocatalytic performances. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 497-503.	5.0	160
155	Hydrothermal Synthesis and Properties of Controlled Fe <sub>2</sub> O <sub>3</sub> Nanostructures in HEPES Solution. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2320-2331.	1.7	21
156	Polymerization kinetics and stabilization mechanism of the monodisperse PMMA microspheres. <i>Wuhan University Journal of Natural Sciences</i> , 2011, 16, 337-341.	0.2	0
157	Solvothermal synthesis of uniform bismuth nanospheres using poly(N-vinyl-2-pyrrolidone) as a reducing agent. <i>Nanoscale Research Letters</i> , 2011, 6, 66.	3.1	38
158	Hydrothermal Synthesis of Platinum Group Metal Nanoparticles by Using HEPES as a Reductant and Stabilizer. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1322-1331.	1.7	8
159	Fabrication of gold nanoparticles with different morphologies in HEPES buffer. <i>Rare Metals</i> , 2010, 29, 180-186.	3.6	74
160	Bismuth subcarbonate nanoparticles fabricated by water-in-oil microemulsion-assisted hydrothermal process exhibit anti-Helicobacter pylori properties. <i>Materials Research Bulletin</i> , 2010, 45, 654-658.	2.7	66
161	Fabrication of three-dimensional snowflake-like bismuth sulfide nanostructures by simple refluxing. <i>Materials Letters</i> , 2010, 64, 287-290.	1.3	14
162	Hydrothermal synthesis of transition metal oxide nanomaterials in HEPES buffer solution. <i>Materials Letters</i> , 2010, 64, 1939-1942.	1.3	13

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163	Shape-controlled solvothermal synthesis of bismuth subcarbonate nanomaterials. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1878-1883.	1.4	78
164	Synthesis, structure and superoxide dismutase activity of a novel tetranuclear copper(II) complex $\text{Na}_2[\text{Cu}_4\text{Na}_2(\text{TACNTA})_4(\text{H}_2\text{O})_6]\cdot(\text{H}_2\text{O})_{26}$ . <i>Inorganic Chemistry Communication</i> , 2010, 13, 1293-1295.	1.8	7
165	Microwave synthesis of bismuth nanospheres using bismuth citrate as a precursor. <i>Journal of Alloys and Compounds</i> , 2010, 498, L8-L11.	2.8	24
166	Synthesis of bismuth micro- and nanospheres by a simple refluxing method. <i>Materials Letters</i> , 2009, 63, 2239-2242.	1.3	37
167	Study of the complexation of resveratrol with cyclodextrins by spectroscopy and molecular modeling. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 63, 295-300.	1.6	28
168	Solubilities of Diglycolic Acid Esters in Supercritical Carbon Dioxide. <i>Journal of Chemical &amp; Engineering Data</i> , 2009, 54, 102-107.	1.0	14
169	Hexamine copper(II) coordination polymers: synthesis, structure and magnetic properties. <i>CrystEngComm</i> , 2009, 11, 671.	1.3	19
170	Proteomic Identification of the Cus System as a Major Determinant of Constitutive <i>Escherichia coli</i> Silver Resistance of Chromosomal Origin. <i>Journal of Proteome Research</i> , 2008, 7, 2351-2356.	1.8	42
171	Silver Nanoparticles Inhibit Hepatitis B virus Replication. <i>Antiviral Therapy</i> , 2008, 13, 253-262.	0.6	489
172	Silver nanoparticles: partial oxidation and antibacterial activities. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 527-534.	1.1	1,303
173	Fabrication of bismuth subcarbonate nanotube arrays from bismuth citrate. <i>Chemical Communications</i> , 2006, , 2265.	2.2	143
174	Proteomic Analysis of the Mode of Antibacterial Action of Silver Nanoparticles. <i>Journal of Proteome Research</i> , 2006, 5, 916-924.	1.8	1,331
175	A Chiral [2]Catenane Precursor of the Antiarthritic Gold(I) Drug Auranofin. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1621-1624.	7.2	63
176	Controlled synthesis of high crystalline bismuth sulfide nanorods: using bismuth citrate as a precursor. <i>Journal of Materials Chemistry</i> , 2005, 15, 4540.	6.7	72
177	Silver nanoparticles fabricated in Hepes buffer exhibit cytoprotective activities toward HIV-1 infected cells. <i>Chemical Communications</i> , 2005, , 5059.	2.2	358