

# Liqiang Jing

## List of Publications by Year in descending order

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185  
papers

11,186  
citations

23500

58  
h-index

34900

98  
g-index

186  
all docs

186  
docs citations

186  
times ranked

11421  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative study of metal oxides and phosphate modification with different mechanisms over g-C <sub>3</sub> N <sub>4</sub> for visible-light photocatalytic degradation of metribuzin. <i>Rare Metals</i> , 2022, 41, 155-165.	3.6	50
2	A novel composite anode via immobilizing of Ce-doped PbO <sub>2</sub> on CoTiO <sub>3</sub> for efficiently electrocatalytic degradation of dye. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 2921-2931.	5.0	30
3	Current advances on g-C <sub>3</sub> N <sub>4</sub> -based fluorescence detection for environmental contaminants. <i>Journal of Hazardous Materials</i> , 2022, 425, 127990.	6.5	26
4	Interlayer Modification Using Phenylethylamine Tetrafluoroborate for Highly Effective Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2022, 5, 658-666.	2.5	8
5	5- <i>Chloroindole</i> as Interface Modifier to Improve the Efficiency and Stability of Planar Perovskite Solar Cells. <i>Solar Rrl</i> , 2022, 6, .	3.1	9
6	Improved visible-light activities of ultrathin CoPc/g-C <sub>3</sub> N <sub>4</sub> heterojunctions by N-doped graphene modulation for selective benzyl alcohol oxidation. <i>Materials Today Energy</i> , 2022, 25, 100963.	2.5	11
7	Interface Modulation of FePc/Porous Ti(HPO <sub>4</sub> ) <sub>2</sub> Z-scheme Heterojunctions with Ultrafine Ag for Efficiently Photocatalytic CO Oxidation. <i>Small Structures</i> , 2022, 3, .	6.9	9
8	Construction of 2D Zn-MOF/BiVO <sub>4</sub> S-scheme heterojunction for efficient photocatalytic CO <sub>2</sub> conversion under visible light irradiation. <i>Chinese Journal of Catalysis</i> , 2022, 43, 1331-1340.	6.9	55
9	Valence-mixed iron phthalocyanines/(1 0 0) Bi <sub>2</sub> MoO <sub>6</sub> nanosheet Z-scheme heterojunction catalysts for efficient visible-light degradation of 2-chlorophenol via preferential dechlorination. <i>Chemical Engineering Journal</i> , 2022, 440, 135786.	6.6	17
10	Strategies and reaction systems for solar-driven CO <sub>2</sub> reduction by water. , 2022, 1, 1.		10
11	Dual-metal Ni and Fe phthalocyanine/boron-doped g-C <sub>3</sub> N <sub>4</sub> Z-scheme 2D-heterojunctions for visible-light selective aerobic alcohol oxidation. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12062-12069.	5.2	8
12	N-Rich Doped Anatase TiO <sub>2</sub> with Smart Defect Engineering as Efficient Photocatalysts for Acetaldehyde Degradation. <i>Nanomaterials</i> , 2022, 12, 1564.	1.9	8
13	Synthesis of SnO <sub>2</sub> /rGO/g-C <sub>3</sub> N <sub>4</sub> composite nanomaterials with efficient charge transfer for sensitive optoelectronic detection of NO <sub>2</sub> gas. <i>Materials Research Bulletin</i> , 2022, 153, 111894.	2.7	8
14	Synergy of dual single Ni and Co atoms on borate modified g-C <sub>3</sub> N <sub>4</sub> for photocatalytic CO <sub>2</sub> reduction. <i>Materials Research Bulletin</i> , 2022, 153, 111883.	2.7	18
15	TiO <sub>2</sub> -Modulated tetra(4-carboxyphenyl)porphyrin/perylene diimide organic Z-scheme nano-heterojunctions for efficient visible-light catalytic CO <sub>2</sub> reduction. <i>Nanoscale</i> , 2022, 14, 8041-8049.	2.8	9
16	Synthesis of mixed-valence Cu phthalocyanine/graphene/g-C <sub>3</sub> N <sub>4</sub> ultrathin heterojunctions as efficient photocatalysts for CO <sub>2</sub> reduction. <i>Catalysis Science and Technology</i> , 2022, 12, 4817-4825.	2.1	6
17	Improved Photocatalytic Activities of g-C <sub>3</sub> N <sub>4</sub> Nanosheets by B Doping and Ru-Oxo Cluster Modification for CO <sub>2</sub> Conversion. <i>Journal of Physical Chemistry C</i> , 2022, 126, 9704-9712.	1.5	6
18	Porous two-dimension MnO <sub>2</sub> -C <sub>3</sub> N <sub>4</sub> /titanium phosphate nanocomposites as efficient photocatalysts for CO oxidation and mechanisms. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119563.	10.8	25

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19	Synergetic Subnano Ni <sup>2+</sup> and Mn <sup>2+</sup> Oxo Clusters Anchored by Chitosan Oligomers on 2D g-C <sub>3</sub> N <sub>4</sub> Boost Photocatalytic CO <sub>2</sub> Reduction. <i>Solar Rrl</i> , 2021, 5, 2000472.	3.1	20
20	Au-Modulated Z-Scheme CuPc/BiVO <sub>4</sub> Nanosheet Heterojunctions toward Efficient CO <sub>2</sub> Conversion under Wide-Visible-Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2400-2408.	3.2	20
21	Nitrate removal from low C/N wastewater at low temperature by immobilized <i>Pseudomonas</i> sp. Y39-6 with versatile nitrate metabolism pathways. <i>Bioresource Technology</i> , 2021, 326, 124794.	4.8	49
22	Recent advances in BiOBr-based photocatalysts for environmental remediation. <i>Chinese Chemical Letters</i> , 2021, 32, 3265-3276.	4.8	92
23	Controlled Synthesis of Nitro-Terminated Poly[2-(3-thienyl)-ethanol]/g-C <sub>3</sub> N <sub>4</sub> Nanosheet Heterojunctions for Efficient Visible-Light Photocatalytic Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 7306-7317.	3.2	21
24	Controlled Construction of Copper Phthalocyanine/Fe <sub>2</sub> O <sub>3</sub> Ultrathin S-Scheme Heterojunctions for Efficient Photocatalytic CO <sub>2</sub> Reduction under Wide Visible-Light Irradiation. <i>Small Science</i> , 2021, 1, 2100050.	5.8	34
25	Significantly Raised Visible-Light Photocatalytic H <sub>2</sub> Evolution on a 2D/2D ReS <sub>2</sub> /In <sub>2</sub> ZnS <sub>4</sub> van der Waals Heterostructure. <i>Small</i> , 2021, 17, e2100296.	5.2	38
26	Energy Platform for Directed Charge Transfer in the Cascade Z-Scheme Heterojunction: CO <sub>2</sub> Photoreduction without a Cocatalyst. <i>Angewandte Chemie</i> , 2021, 133, 21074-21082.	1.6	23
27	Significantly Raised Visible-Light Photocatalytic H <sub>2</sub> Evolution on a 2D/2D ReS <sub>2</sub> /In <sub>2</sub> ZnS <sub>4</sub> van der Waals Heterostructure (Small 32/2021). <i>Small</i> , 2021, 17, 2170168.	5.2	1
28	Energy Platform for Directed Charge Transfer in the Cascade Z-Scheme Heterojunction: CO <sub>2</sub> Photoreduction without a Cocatalyst. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20906-20914.	7.2	132
29	Construction of Six-Oxygen-Coordinated Single Ni Sites on g-C <sub>3</sub> N <sub>4</sub> with Boron-Oxo Species for Photocatalytic Water-Activation-Induced CO <sub>2</sub> Reduction. <i>Advanced Materials</i> , 2021, 33, e2105482.	11.1	128
30	Efficient wide-spectrum photocatalytic overall water splitting over ultrathin molecular nickel phthalocyanine/BiVO <sub>4</sub> Z-scheme heterojunctions without noble metals. <i>Applied Catalysis B: Environmental</i> , 2021, 295, 120260.	10.8	49
31	Improved photocatalytic activities of recyclable porous Fe <sub>2</sub> O <sub>3</sub> nanotubes by modifying with nano-sized SiO <sub>2</sub> and g-C <sub>3</sub> N <sub>4</sub> for degrading 2-chlorophenol. <i>Materials Research Bulletin</i> , 2021, 142, 111416.	2.7	3
32	Ultrathin phosphate-modulated zinc phthalocyanine/perylene diimide supermolecule Z-scheme heterojunctions as efficiently wide visible-light photocatalysts for CO <sub>2</sub> conversion. <i>Chemical Engineering Journal</i> , 2021, 426, 131266.	6.6	20
33	Alkali Metal Fluoride-Modified Tin Oxide for n-i-p Planar Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 50083-50092.	4.0	12
34	Graphene-Modulated PDI/g-C <sub>3</sub> N <sub>4</sub> All-Organic S-Scheme Heterojunction Photocatalysts for Efficient CO <sub>2</sub> Reduction under Full-Spectrum Irradiation. <i>Journal of Physical Chemistry C</i> , 2021, 125, 23830-23839.	1.5	24
35	Improved photocatalytic activities of porous In <sub>2</sub> O <sub>3</sub> with large surface area by coupling with K-modified CuO for degrading pollutants. <i>Catalysis Today</i> , 2020, 339, 403-410.	2.2	20
36	Efficiently photocatalytic degradation of monochlorophenol on in-situ fabricated BiPO <sub>4</sub> /Bi <sub>2</sub> O <sub>3</sub> heterojunction microspheres and O <sub>2</sub> -free hole-induced selective dechlorination conversion with H <sub>2</sub> evolution. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118313.	10.8	42

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37	Improved visible-light activities of g-C <sub>3</sub> N <sub>4</sub> nanosheets by co-modifying nano-sized SnO <sub>2</sub> and Ag for CO <sub>2</sub> reduction and 2,4-dichlorophenol degradation. <i>Materials Research Bulletin</i> , 2020, 122, 110676.	2.7	36
38	Construction of a triple sequential junction for efficient separation of photogenerated charges in photocatalysis. <i>Chemical Communications</i> , 2020, 56, 197-200.	2.2	11
39	The synthesis of porous ultrathin graphitic carbon nitride for the ultrasensitive fluorescence detection of 2,4,6-trinitrophenol in environmental water. <i>Environmental Science: Nano</i> , 2020, 7, 262-271.	2.2	28
40	Tailored elasticity combined with biomimetic surface promotes nanoparticle transcytosis to overcome mucosal epithelial barrier. <i>Biomaterials</i> , 2020, 262, 120323.	5.7	45
41	Atomic-Level Insights into the Edge Active ReS <sub>2</sub> Ultrathin Nanosheets for High-Efficiency Light-to-Hydrogen Conversion. , 2020, 2, 1484-1494.		65
42	Efficient singlet oxygen generation by excitonic energy transfer on ultrathin g-C <sub>3</sub> N <sub>4</sub> for selective photocatalytic oxidation of methyl-phenyl-sulfide with O <sub>2</sub> . <i>Chinese Chemical Letters</i> , 2020, 31, 2784-2788.	4.8	52
43	Improved Photocatalytic Activity of Porous In <sub>2</sub> O <sub>3</sub> by co-Modifying Nanosized CuO and Ag with Synergistic Effects. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 1116-1121.	1.3	7
44	Efficiently photocatalytic conversion of CO <sub>2</sub> on ultrathin metal phthalocyanine/g-C <sub>3</sub> N <sub>4</sub> heterojunctions by promoting charge transfer and CO <sub>2</sub> activation. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119199.	10.8	84
45	Synthesis of nanosized Ag-modified 2D/2D hydroxylated g-C <sub>3</sub> N <sub>4</sub> /TS-1 Z-scheme nanocomposites for efficient photocatalytic CO <sub>2</sub> reduction. <i>Materials Research Bulletin</i> , 2020, 130, 110926.	2.7	33
46	Actinyl-Modified g-C <sub>3</sub> N <sub>4</sub> as CO <sub>2</sub> Activation Materials for Chemical Conversion and Environmental Remedy via an Artificial Photosynthetic Route. <i>Inorganic Chemistry</i> , 2020, 59, 8369-8379.	1.9	8
47	Highly sensitive fluorescence detection of chloride ion in aqueous solution with Ag-modified porous g-C <sub>3</sub> N <sub>4</sub> nanosheets. <i>Chinese Chemical Letters</i> , 2020, 31, 2725-2729.	4.8	26
48	Ultrafine SnO <sub>2</sub> /010 Facet-Exposed BiVO <sub>4</sub> Nanocomposites as Efficient Photoanodes for Controllable Conversion of 2,4-Dichlorophenol via a Preferential Dechlorination Path. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 28264-28272.	4.0	19
49	Synthesis of SnO <sub>2</sub> /yolk-shell LaFeO <sub>3</sub> nanocomposites as efficient visible-light photocatalysts for 2,4-dichlorophenol degradation. <i>Materials Research Bulletin</i> , 2020, 127, 110857.	2.7	47
50	Graphene-modulated assembly of zinc phthalocyanine on BiVO <sub>4</sub> nanosheets for efficient visible-light catalytic conversion of CO <sub>2</sub> . <i>Chemical Communications</i> , 2020, 56, 4926-4929.	2.2	17
51	Mg <sup>2+</sup> -Bridged Polypyrrole/g-C <sub>3</sub> N <sub>4</sub> Nanocomposites as Efficient Visible-Light Catalysts for Hydrogen Evolution. <i>ChemSusChem</i> , 2020, 13, 3707-3717.	3.6	19
52	Ultrathin Phosphate-Modulated Co Phthalocyanine/g-C <sub>3</sub> N <sub>4</sub> Heterojunction Photocatalysts with Single Co <sup>2+</sup> (II) Sites for Efficient O <sub>2</sub> Activation. <i>Advanced Science</i> , 2020, 7, 2001543.	5.6	99
53	Controlled synthesis of novel Z-scheme iron phthalocyanine/porous WO <sub>3</sub> nanocomposites as efficient photocatalysts for CO <sub>2</sub> reduction. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118849.	10.8	83
54	Synthesis of Ni <sup>2+</sup> cation modified TS-1 molecular sieve nanosheets as effective photocatalysts for alcohol oxidation and pollutant degradation. <i>Chinese Journal of Catalysis</i> , 2020, 41, 1589-1602.	6.9	29

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55	The synthesis of interface-modulated ultrathin Ni( <i>g</i> -C <sub>3</sub> N <sub>4</sub> ) heterojunctions as efficient photocatalysts for CO <sub>2</sub> reduction. <i>Nanoscale</i> , 2020, 12, 10010-10018.	2.8	64
56	Innentitelbild: Dimensionâ€Matched Zinc Phthalocyanine/BiVO <sub>4</sub> Ultrathin Nanocomposites for CO <sub>2</sub> Reduction as Efficient Wideâ€Visibleâ€Lightâ€Driven Photocatalysts via a Cascade Charge Transfer ( <i>Angew. Chem.</i> 32/2019). <i>Angewandte Chemie</i> , 2019, 131, 10878-10878.	1.6	0
57	Improved Photoactivities of Largeâ€surfaceâ€area gâ€C <sub>3</sub> N <sub>4</sub> for CO <sub>2</sub> Conversion by Controllably Introducing Coâ€and Niâ€Species to Effectively Modulate Photogenerated Charges. <i>ChemCatChem</i> , 2019, 11, 6282-6287.	1.8	15
58	Review on Photogenerated Hole Modulation Strategies in Photoelectrocatalysis for Solar Fuel Production. <i>ChemCatChem</i> , 2019, 11, 5875-5884.	1.8	17
59	Dimensionâ€Matched Zinc Phthalocyanine/BiVO <sub>4</sub> Ultrathin Nanocomposites for CO <sub>2</sub> Reduction as Efficient Wideâ€Visibleâ€Lightâ€Driven Photocatalysts via a Cascade Charge Transfer. <i>Angewandte Chemie</i> , 2019, 131, 10989-10994.	1.6	44
60	Surface co-modification with highly-dispersed Mn & Cu oxides of g-C <sub>3</sub> N <sub>4</sub> nanosheets for efficiently photocatalytic reduction of CO <sub>2</sub> to CO and CH <sub>4</sub> . <i>Applied Surface Science</i> , 2019, 492, 125-134.	3.1	51
61	Improved photoactivities for CO <sub>2</sub> conversion and phenol degradation of Î±-Fe <sub>2</sub> O <sub>3</sub> nanoparticles by co-coupling nano-sized BiPO <sub>4</sub> and CuO to modulate electrons. <i>Journal of Alloys and Compounds</i> , 2019, 800, 231-239.	2.8	17
62	Dimensionâ€Matched Zinc Phthalocyanine/BiVO <sub>4</sub> Ultrathin Nanocomposites for CO <sub>2</sub> Reduction as Efficient Wideâ€Visibleâ€Lightâ€Driven Photocatalysts via a Cascade Charge Transfer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10873-10878.	7.2	168
63	Atomically Dispersed Single Co Sites in Zeolitic Imidazole Frameworks Promoting Highâ€Efficiency Visibleâ€Lightâ€Driven Hydrogen Production. <i>Chemistry - A European Journal</i> , 2019, 25, 9670-9677.	1.7	10
64	Improved visible-light photoactivities of porous LaFeO <sub>3</sub> by coupling with nanosized alkaline earth metal oxides and mechanism insight. <i>Catalysis Science and Technology</i> , 2019, 9, 3149-3157.	2.1	40
65	Promoted oxygen activation of layered micro-mesoporous structured titanium phosphate nanoplates by coupling nano-sized Î±-MnO <sub>2</sub> with surface pits for efficient photocatalytic oxidation of CO. <i>Applied Catalysis B: Environmental</i> , 2019, 254, 260-269.	10.8	33
66	Synthesis of activated carbon-supported TiO <sub>2</sub> -based nano-photocatalysts with well recycling for efficiently degrading high-concentration pollutants. <i>Catalysis Today</i> , 2019, 335, 557-564.	2.2	64
67	A two-dimensional metalâ€organic framework accelerating visible-light-driven H <sub>2</sub> production. <i>Nanoscale</i> , 2019, 11, 8304-8309.	2.8	26
68	Synthesis of Siâ€O-Bridged <i>g</i> -C <sub>3</sub> N <sub>4</sub> /WO <sub>3</sub> 2D-Heterojunctional Nanocomposites as Efficient Photocatalysts for Aerobic Alcohol Oxidation and Mechanism Insight. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9916-9927.	3.2	44
69	Review of strategies for the fabrication of heterojunctional nanocomposites as efficient visible-light catalysts by modulating excited electrons with appropriate thermodynamic energy. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10879-10897.	5.2	98
70	CO <sub>2</sub> Photoreduction: Heterostructure Engineering of a Reverse Water Gas Shift Photocatalyst ( <i>Adv. Sci.</i> 22/2019). <i>Advanced Science</i> , 2019, 6, 1970134.	5.6	3
71	Synthesis of Au-decorated three-phase-mixed TiO <sub>2</sub> /phosphate modified active carbon nanocomposites as easily-recycled efficient photocatalysts for degrading high-concentration 2,4-DCP. <i>RSC Advances</i> , 2019, 9, 38414-38421.	1.7	9
72	Improved photoelectric properties of BiOBr nanoplates by co-modifying SnO <sub>2</sub> and Ag to promote photoelectrons trapped by adsorbed O <sub>2</sub> . <i>Science China Materials</i> , 2019, 62, 653-661.	3.5	9

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73	Synthesis of SPR Au/BiVO <sub>4</sub> quantum dot/rutile-TiO <sub>2</sub> nanorod array composites as efficient visible-light photocatalysts to convert CO <sub>2</sub> and mechanism insight. Applied Catalysis B: Environmental, 2019, 244, 641-649.	10.8	94
74	Improved fluorescence test of chromium (VI) in aqueous solution with g-C <sub>3</sub> N <sub>4</sub> nanosheet and mechanisms. Materials Research Bulletin, 2019, 112, 9-15.	2.7	15
75	Synthesis of g-C <sub>3</sub> N <sub>4</sub> -based photocatalysts with recyclable feature for efficient 2,4-dichlorophenol degradation and mechanisms. Applied Catalysis B: Environmental, 2019, 243, 57-65.	10.8	100
76	Improved visible-light photoactivity of Pt/g-C <sub>3</sub> N <sub>4</sub> nanosheets for solar fuel production via pretreated boric acid modification. Research on Chemical Intermediates, 2019, 45, 249-259.	1.3	16
77	Visible-light induced electron modulation to improve photoactivities of coral-like Bi <sub>2</sub> WO <sub>6</sub> by coupling SnO <sub>2</sub> as a proper energy platform. Catalysis Today, 2019, 327, 288-294.	2.2	11
78	2D Metal Organic Framework Nanosheet: A Universal Platform Promoting Highly Efficient Visible-Light-Induced Hydrogen Production. Advanced Energy Materials, 2019, 9, 1803402.	10.2	200
79	Synthesis of ZnO/Bi-doped porous LaFeO <sub>3</sub> nanocomposites as highly efficient nano-photocatalysts dependent on the enhanced utilization of visible-light-excited electrons. Applied Catalysis B: Environmental, 2018, 231, 23-33.	10.8	113
80	Single-crystal TiO <sub>2</sub> nanorods assembly for efficient and stable cocatalyst-free photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 229, 1-7.	10.8	82
81	Improved visible-light activities of nanocrystalline CdS by coupling with ultrafine NbN with lattice matching for hydrogen evolution. Sustainable Energy and Fuels, 2018, 2, 549-552.	2.5	35
82	Synthesis of Silicate-Bridged Heterojunctional SnO <sub>2</sub> /BiVO <sub>4</sub> Nanoplates as Efficient Photocatalysts to Convert CO <sub>2</sub> and Degrade 2,4-Dichlorophenol. Particle and Particle Systems Characterization, 2018, 35, 1700320.	1.2	13
83	Synthesis of nano SnO <sub>2</sub> -coupled mesoporous molecular sieve titanium phosphate as a recyclable photocatalyst for efficient decomposition of 2,4-dichlorophenol. Nano Research, 2018, 11, 1612-1624.	5.8	37
84	Synthesis of Large Surface Area g-C <sub>3</sub> N <sub>4</sub> Comodified with MnO <sub>x</sub> and Au-TiO <sub>2</sub> as Efficient Visible-Light Photocatalysts for Fuel Production. Advanced Energy Materials, 2018, 8, 1701580.	10.2	157
85	Exceptional photocatalytic activities for CO <sub>2</sub> conversion on Al O bridged g-C <sub>3</sub> N <sub>4</sub> /±-Fe <sub>2</sub> O <sub>3</sub> z-scheme nanocomposites and mechanism insight with isotopesZ. Applied Catalysis B: Environmental, 2018, 221, 459-466.	10.8	154
86	Improved visible-light activities for degrading pollutants on TiO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> nanocomposites by decorating SPR Au nanoparticles and 2,4-dichlorophenol decomposition path. Journal of Hazardous Materials, 2018, 342, 715-723.	6.5	190
87	Metallic MoN ultrathin nanosheets boosting high performance photocatalytic H <sub>2</sub> production. Journal of Materials Chemistry A, 2018, 6, 23278-23282.	5.2	37
88	Improved Visible-Light Activities of Rutile Nanorod by Comodifying Highly Dispersed Surface Plasmon Resonance Au Nanoparticles and HF Groups for Aerobic Selective Alcohol Oxidation. ACS Sustainable Chemistry and Engineering, 2018, 6, 14652-14659.	3.2	14
89	Dimension-matched plasmonic Au/TiO <sub>2</sub> /BiVO <sub>4</sub> nanocomposites as efficient wide-visible-light photocatalysts to convert CO <sub>2</sub> and mechanistic insights. Journal of Materials Chemistry A, 2018, 6, 11838-11845.	5.2	72
90	Exceptional visible-light activities of g-C <sub>3</sub> N <sub>4</sub> nanosheets dependent on the unexpected synergistic effects of prolonging charge lifetime and catalyzing H <sub>2</sub> evolution with H <sub>2</sub> O. Applied Catalysis B: Environmental, 2018, 237, 50-58.	10.8	51

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91	Prolonged lifetime and enhanced separation of photogenerated charges of nanosized $\text{Fe}_2\text{O}_3$ by coupling $\text{SnO}_2$ for efficient visible-light photocatalysis to convert $\text{CO}_2$ and degrade acetaldehyde. Nano Research, 2017, 10, 2321-2331.	5.8	44
92	Photogenerated electron modulation to dominantly induce efficient 2,4-dichlorophenol degradation on $\text{BiOBr}$ nanoplates with different phosphate modification. Applied Catalysis B: Environmental, 2017, 209, 320-328.	10.8	91
93	Efficient photodecomposition of 2,4-dichlorophenol on recyclable phase-mixed hierarchically structured $\text{Bi}_2\text{O}_3$ coupled with phosphate-bridged nano- $\text{SnO}_2$ . Environmental Science: Nano, 2017, 4, 1147-1154.	2.2	37
94	Enhanced photocatalytic activities of commercial P25 $\text{TiO}_2$ by trapping holes and transferring electrons for $\text{CO}_2$ conversion and 2,4-dichlorophenol degradation. Materials Research Bulletin, 2017, 92, 23-28.	2.7	21
95	Enhanced photoelectrochemical activities for water oxidation and phenol degradation on $\text{WO}_3$ nanoplates by transferring electrons and trapping holes. Scientific Reports, 2017, 7, 1303.	1.6	23
96	Effect of Ni doping in $\text{Ni}_x\text{Mn}_{1-x}\text{Ti}_{10}$ ( $x = 0.1 \sim 0.5$ ) on activity and $\text{SO}_2$ resistance for $\text{NH}_3$ -SCR of NO studied with in situ DRIFTS. Catalysis Science and Technology, 2017, 7, 3243-3257.	2.1	111
97	Improved photocatalytic activities of g-C $_3\text{N}_4$ nanosheets by effectively trapping holes with halogen-induced surface polarization and 2,4-dichlorophenol decomposition mechanism. Applied Catalysis B: Environmental, 2017, 218, 60-67.	10.8	123
98	Synthesis of $\text{TiO}_2/\text{g-C}_3\text{N}_4$ nanocomposites with phosphate-oxygen functional bridges for improved photocatalytic activity. Chinese Journal of Catalysis, 2017, 38, 1072-1078.	6.9	45
99	Surface-engineering strategies for g-C $_3\text{N}_4$ as efficient visible-light photocatalyst. Current Opinion in Green and Sustainable Chemistry, 2017, 6, 57-62.	3.2	19
100	Synthesis of $\text{MnNiSAPO-34}$ by a one-pot hydrothermal method and its excellent performance for the selective catalytic reduction of NO by $\text{NH}_3$ . Catalysis Science and Technology, 2017, 7, 4984-4995.	2.1	31
101	A self-supporting bimetallic Au@Pt core-shell nanoparticle electrocatalyst for the synergistic enhancement of methanol oxidation. Scientific Reports, 2017, 7, 6347.	1.6	56
102	Improved photoelectrocatalytic activities of $\text{BiOCl}$ with high stability for water oxidation and MO degradation by coupling RGO and modifying phosphate groups to prolong carrier lifetime. Applied Catalysis B: Environmental, 2017, 203, 355-362.	10.8	107
103	Synthesis of $\text{SnO}_2/\text{B-P}$ codoped g-C $_3\text{N}_4$ nanocomposites as efficient cocatalyst-free visible-light photocatalysts for $\text{CO}_2$ conversion and pollutant degradation. Applied Catalysis B: Environmental, 2017, 201, 486-494.	10.8	254
104	Facile Synthesis of Vanadium Oxide/Reduced Graphene Oxide Composite Catalysts for Enhanced Hydroxylation of Benzene to Phenol. Catalysts, 2016, 6, 74.	1.6	30
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