

Junbo Zhong

List of Publications by Year in descending order

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145
papers

2,905
citations

212478

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43
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146
all docs

146
docs citations

146
times ranked

2503
citing authors

#	ARTICLE	IF	CITATIONS
1	Substantially boosted photocatalytic detoxification activity of TiO ₂ benefited from Eu doping. Environmental Technology (United Kingdom), 2023, 44, 1313-1321.	1.2	1
2	Ionic liquids assisted preparation of BiPO ₄ photocatalyst with enhanced photocatalytic activity for tetracycline and rhodamine B removal. Environmental Technology (United Kingdom), 2023, 44, 2669-2678.	1.2	1
3	Bridging role of Ag ⁰ particles formed <i>in-situ</i> on Ag ₃ PO ₄ /BiPO ₄ composites for enhanced solar-driven photocatalytic performance. Inorganic and Nano-Metal Chemistry, 2022, 52, 563-569.	0.9	0
4	Improved visible light responsive photocatalytic hydrogen production over g-C ₃ N ₄ with rich carbon vacancies. Ceramics International, 2022, 48, 1439-1445.	2.3	30
5	Photocatalytic enhancement mechanism insight for BiVO ₄ induced by plasma treatment under different atmospheres. Journal of Alloys and Compounds, 2022, 890, 161883.	2.8	23
6	In-situ fabrication of BiO/BiVO ₄ photocatalysts with boosted photocatalytic activity. Materials Letters, 2022, 306, 130802.	1.3	9
7	Fabrication of BiOCl with adjustable oxygen vacancies and greatly elevated photocatalytic activity by using bamboo fiber surface embellishment. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 634, 127892.	2.3	14
8	3-Mercaptopropionic acid assisted in-situ construction of thin Bi ₂ S ₃ /BiOCl composites with significantly improved photocatalytic activity. Chemical Physics Letters, 2022, 787, 139205.	1.2	8
9	BiO and oxygen vacancies co-induced enhanced visible-light photocatalytic detoxication of three typical contaminants over Bi ₂ WO ₆ treated by NaBH ₄ solution. Surfaces and Interfaces, 2022, 28, 101648.	1.5	4
10	Fabrication of tunable oxygen vacancies on BiOCl modified by spiral carbon fiber for highly efficient photocatalytic detoxification of typical pollutants. Applied Surface Science, 2022, 578, 152122.	3.1	20
11	Photocatalytic performance of rich OVs-BiOCl modified by polyphenylene sulfide. Advanced Powder Technology, 2022, 33, 103427.	2.0	17
12	Construction of flower-like Ag/AgBr/BiOBr heterostructures with boosted photocatalytic activity. Inorganic Chemistry Communication, 2022, 137, 109254.	1.8	16
13	In-situ construction of Bi ₂ WO ₆ /ZnWO ₄ heterojunctions with enhanced photocatalytic performance toward RhB degradation. Materials Letters, 2022, 312, 131707.	1.3	13
14	Photocatalytic property of MWCNTs/BiOI with rich oxygen vacancies. Materials Research Bulletin, 2022, 150, 111763.	2.7	11
15	Fabrication of 3D flower-like OVs-Bi ₂ SiO ₅ hierarchical microstructures for visible light-driven removal of tetracycline. Surfaces and Interfaces, 2022, 29, 101787.	1.5	8
16	Rich oxygen vacancies facilitated visible light-driven removal of phenol and Cr(VI) over Bi ₂ WO ₆ decorated by sorghum straw carbon. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 641, 128534.	2.3	6
17	Visible-light driven efficient elimination of organic hazardous and Cr (VI) over BiOCl modified by Chinese Baijiu distillers' grain-based biochar. Journal of Industrial and Engineering Chemistry, 2022, 107, 472-482.	2.9	7
18	Tunable oxygen vacancies facilitated removal of PFOA and RhB over BiOCl prepared with alcohol ether sulphate. Applied Surface Science, 2022, 590, 152891.	3.1	21

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19	In-situ preparation of S-scheme BiOI/BiVO ₄ heterojunctions with enhanced photocatalytic performance. <i>Solid State Sciences</i> , 2022, 129, 106908.	1.5	7
20	Photocatalytic properties of N-doped BiO/BiOI with abundant OV's for efficient detoxification of hazardous contaminants from environment. <i>Surfaces and Interfaces</i> , 2022, 31, 102051.	1.5	4
21	Enhanced visible light-driven photocatalytic destruction of decontaminants over Bi ₂ O ₃ /BiVO ₄ heterojunctions with rich oxygen vacancies. <i>Chemical Physics Letters</i> , 2022, 801, 139722.	1.2	5
22	In-situ fabrication and photocatalytic activity of AgBr/Ag ₃ PO ₄ heterojunctions. <i>Materials Letters</i> , 2022, 323, 132544.	1.3	7
23	P123-assisted hydrothermal synthesis of Ag ₂ MoO ₄ with enhanced photocatalytic performance. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109613.	1.8	4
24	Effectively destruction of rhodamine B and perfluorooctanoic acid over BiOCl with boosted separation ability of carriers benefited from tunable oxygen vacancies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 649, 129470.	2.3	7
25	Polyaniline-assisted hydrothermal synthesis of TiO ₂ with tunable OV's and enhanced photocatalytic performance for destruction of rhodamine B and ciprofloxacin. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 169, 110824.	1.9	4
26	Photocatalytic properties of BiOBr/g-C ₃ N ₄ heterojunctions originated from S-scheme separation and transfer of interfacial charge pairs. <i>Optical Materials</i> , 2022, 131, 112649.	1.7	11
27	Microwave-assisted preparation of flower-like C ₆₀ /BiOBr with significantly enhanced visible-light photocatalytic performance. <i>Applied Surface Science</i> , 2021, 540, 148340.	3.1	44
28	Excellent visible light responsive photocatalytic behavior of N-doped TiO ₂ toward decontamination of organic pollutants. <i>Journal of Hazardous Materials</i> , 2021, 403, 123857.	6.5	156
29	Enhanced photocatalytic activity of N134 carbon black modified Bi ₂ WO ₆ benefited from ample oxygen vacancies and boosted separation of photoexcited carriers. <i>Materials Research Bulletin</i> , 2021, 133, 111075.	2.7	16
30	Preparation of cypress leave-like Ag ₂ WO ₄ /BiVO ₄ heterojunctions with remarkably enhanced photocatalytic activity. <i>Materials Letters</i> , 2021, 283, 128793.	1.3	15
31	Photoactivity of Bi ₂ WO ₆ synthesized by a solvothermal method using the different solvents. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	6
32	Preparation of an In ₂ S ₃ /TiO ₂ Heterostructure for Enhanced Activity in Carbon Dioxide Photocatalytic Reduction. <i>ChemPhotoChem</i> , 2021, 5, 438-444.	1.5	12
33	Oxygen vacancies enriched BiOBr with boosted photocatalytic behaviors. <i>Inorganic Chemistry Communication</i> , 2021, 126, 108450.	1.8	33
34	In-situ construction of 3D nanoflower-like BiOI/Bi ₂ SiO ₅ heterojunctions with enhanced photocatalytic performance for removal of decontaminants originated from a step-scheme mechanism. <i>Applied Surface Science</i> , 2021, 544, 148883.	3.1	44
35	In-situ fabrication of Bi/BiVO ₄ heterojunctions with N-doping for efficient elimination of contaminants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 617, 126224.	2.3	22
36	Polyethylene glycol assisted preparation of AgI with enhanced photocatalytic activity. <i>Solid State Sciences</i> , 2021, 116, 106610.	1.5	6

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37	Enhanced photocatalytic performance of three-dimensional microstructure Bi ₂ SiO ₅ by ionic liquid assisted hydrothermal synthesis. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 154, 110063.	1.9	19
38	Carbon nanofibers induced tunable oxygen vacancies on BiOCl for high efficient destruction of decontaminants. <i>Surfaces and Interfaces</i> , 2021, 25, 101247.	1.5	4
39	Oxygen vacancies facilitated visible light photoactivity of CdWO ₄ prepared by ionic liquid assisted hydrothermal method. <i>Ceramics International</i> , 2021, 47, 26572-26578.	2.3	16
40	Boosted photocatalytic removal of tetracycline on S-scheme Bi ₂ O ₃ /Bi ₂ WO ₆ heterojunctions with rich oxygen vacancies. <i>Applied Surface Science</i> , 2021, 563, 150246.	3.1	40
41	Enhanced photocatalytic performance of TiO ₂ /BiOI heterojunctions benefited from effective separation of photogenerated carriers. <i>Chemical Physics Letters</i> , 2021, 780, 138966.	1.2	13
42	Water hyacinth powder -assisted preparation of defects-rich and flower-like BiOI/Bi ₅ O ₇ I heterojunctions with excellent visible light photocatalytic activity. <i>Surfaces and Interfaces</i> , 2021, 27, 101470.	1.5	9
43	Carbon quantum dots modified BiOCl for highly efficient degradation of contaminants benefited from effective generation of $\cdot\text{O}_2^-$. <i>Materials Science in Semiconductor Processing</i> , 2021, 136, 106165.	1.9	26
44	Photocatalytic properties of flower-like BiOBr/BiOCl heterojunctions in-situ constructed by a reactable ionic liquid. <i>Inorganic Chemistry Communication</i> , 2021, 134, 109063.	1.8	17
45	Metal-Organic Frameworks With Variable Valence Metal-Photoactive Components: Emerging Platform for Volatile Organic Compounds Photocatalytic Degradation. <i>Frontiers in Chemistry</i> , 2021, 9, 749839.	1.8	10
46	Enhanced simulated sunlight-driven photocatalytic performance of SnWO ₄ prepared in the presence of cetyltrimethylammonium bromide. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13314.	1.3	5
47	In-situ construction of flower-like BiOBr/BiOCl heterojunctions assembled by thin sheets using an ionic liquid. <i>Materials Letters</i> , 2020, 259, 126766.	1.3	22
48	Ionic liquid assisted hydrothermal preparation of TiO ₂ with largely enhanced photocatalytic performance originated from effective separation of photoinduced carriers. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 139, 109323.	1.9	12
49	Direct Z-scheme charge separation mechanism and photocatalytic properties of (BiO) ₂ CO ₃ -BiOCl composites prepared in-situ. <i>Chemical Physics</i> , 2020, 530, 110597.	0.9	9
50	Ionic liquid-assisted preparation of thin Bi ₂ SiO ₅ nanosheets for effective photocatalytic degradation of RhB. <i>Materials Letters</i> , 2020, 261, 127117.	1.3	17
51	P123-assisted preparation of Ag/Ag ₂ O with significantly enhanced photocatalytic performance. <i>Solid State Sciences</i> , 2020, 99, 106062.	1.5	10
52	Ionic liquid assisted in-situ construction of S-scheme BiOI/Bi ₂ WO ₆ heterojunctions with improved sunlight-driven photocatalytic performance. <i>Inorganic Chemistry Communication</i> , 2020, 121, 108192.	1.8	23
53	One-pot hydrothermal synthesis of MXene Ti ₃ C ₂ /TiO ₂ /BiOCl ternary heterojunctions with improved separation of photoactivated carries and photocatalytic behavior toward elimination of contaminants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 603, 125239.	2.3	44
54	Red Phosphorus/Carbon Nitride van der Waals Heterostructure for Photocatalytic Pure Water Splitting under Wide-Spectrum Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13459-13466.	3.2	46

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55	In-situ fabrication of Z-scheme CdS/BiOCl heterojunctions with largely improved photocatalytic performance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 599, 124880.	2.3	53
56	One-pot hydrothermal preparation of Br-doped BiVO ₄ with enhanced visible-light photocatalytic activity. <i>Solid State Sciences</i> , 2020, 105, 106285.	1.5	27
57	One-pot preparation of double S-scheme Bi ₂ S ₃ /MoO ₃ /C ₃ N ₄ heterojunctions with enhanced photocatalytic activity originated from the effective charge pairs partition and migration. <i>Applied Surface Science</i> , 2020, 527, 146788.	3.1	37
58	One-pot solvothermal fabrication of S-scheme OVs-Bi ₂ O ₃ /Bi ₂ SiO ₅ microsphere heterojunctions with enhanced photocatalytic performance toward decontamination of organic pollutants. <i>Applied Surface Science</i> , 2020, 527, 146775.	3.1	88
59	Preparation of AgCl with enhanced photocatalytic activity using ionic liquid as chlorine source. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	2
60	Spiral carbon fibers modified Bi ₂ WO ₆ with enhanced photocatalytic activity. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 141, 109430.	1.9	19
61	Ionic liquid-assisted hydrothermal preparation of BiOI/BiOCl heterojunctions with enhanced separation efficiency of photo-generated charge pairs and photocatalytic performance. <i>Inorganic Chemistry Communication</i> , 2020, 113, 107806.	1.8	44
62	Influence of different solvents on the preparation and photocatalytic property of BiOCl toward decontamination of phenol and perfluorooctanoic acid. <i>Chemical Physics Letters</i> , 2020, 748, 137401.	1.2	21
63	Preparation of novel Ag/AgVO ₃ /BiVO ₄ heterojunctions with significantly enhanced visible light-driven photocatalytic performance originated from Z-scheme separation of photogenerated charge pairs. <i>Inorganic Chemistry Communication</i> , 2020, 116, 107904.	1.8	25
64	Ionic liquid assisted one-pot solvothermal preparation of BiOI/BiOBr heterojunctions with excellent photocatalytic activity. <i>Materials Letters</i> , 2020, 271, 127812.	1.3	7
65	Preparation and characterization of novel Ag/Ag ₂ WO ₄ /ZnWO ₄ heterojunctions with significantly enhanced sunlight-driven photocatalytic performance. <i>Solid State Sciences</i> , 2019, 95, 105923.	1.5	15
66	Carbon black decorated BiOCl with largely enhanced photocatalytic activity toward removal of RhB. <i>Solid State Sciences</i> , 2019, 97, 105989.	1.5	28
67	Photocatalytic activity of TiO ₂ prepared by different solvents through a solvothermal approach. <i>Solid State Sciences</i> , 2019, 98, 106024.	1.5	7
68	Fabrication of Ag/AgBr/AgVO ₃ heterojunctions with improved photocatalytic performance originated from enhanced separation rate of photogenerated carriers. <i>Solid State Sciences</i> , 2019, 94, 106-113.	1.5	28
69	Enhanced photocatalytic degradation of phenol and rhodamine B over flower-like BiOBr decorated by C70. <i>Materials Research Bulletin</i> , 2019, 118, 110521.	2.7	16
70	Fabrication of Bi ₂ SiO ₅ hierarchical microspheres with an efficient photocatalytic performance for rhodamine B and phenol removal. <i>Materials Research Bulletin</i> , 2019, 116, 50-58.	2.7	35
71	Preparation and photocatalytic performance of MWCNTs/BiOCl: Evidence for the superoxide radical participation in the degradation mechanism of phenol. <i>Applied Surface Science</i> , 2019, 480, 395-403.	3.1	59
72	F127-assisted hydrothermal preparation of BiOI with enhanced sunlight-driven photocatalytic activity originated from the effective separation of photo-induced carriers. <i>Solid State Sciences</i> , 2019, 90, 1-8.	1.5	24

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73	Insight into visible light-driven photocatalytic performance of direct Z-scheme Bi ₂ WO ₆ /BiOI composites constructed in -situ. <i>Chemical Physics Letters</i> , 2019, 716, 134-141.	1.2	33
74	Improved photocatalytic performance of flower-like BiOBr/BiOCl heterojunctions prepared by an ionic liquid assisted one-step hydrothermal method. <i>Materials Letters</i> , 2019, 238, 147-150.	1.3	21
75	Effective photoinduced charge separation and photocatalytic activity of hierarchical microsphere-like C60/BiOCl. <i>Applied Surface Science</i> , 2019, 465, 249-258.	3.1	70
76	Opposite photocatalytic oxidation behaviors of BiOCl and TiO ₂ : Direct hole transfer vs. indirect OH oxidation. <i>Applied Catalysis B: Environmental</i> , 2019, 241, 514-520.	10.8	95
77	Enhanced photocatalytic activity of BiOCl by C70 modification and mechanism insight. <i>Applied Surface Science</i> , 2018, 443, 497-505.	3.1	67
78	Enhanced sunlight-driven photocatalytic performance of Bi-doped CdMoO ₄ benefited from efficient separation of photogenerated charge pairs. <i>Solid State Sciences</i> , 2018, 80, 147-154.	1.5	19
79	In-situ loading of (BiO) ₂ CO ₃ on g-C ₃ N ₄ with promoted solar-driven photocatalytic performance originated from a direct Z-scheme mechanism. <i>Materials Science in Semiconductor Processing</i> , 2018, 82, 97-103.	1.9	24
80	SDBS-assisted hydrothermal treatment of TiO ₂ with improved photocatalytic activity. <i>Materials Letters</i> , 2018, 212, 147-150.	1.3	25
81	Remarkably enhanced sunlight-driven photocatalytic performance of TiO ₂ by facilely modulating the surface property. <i>Materials Science in Semiconductor Processing</i> , 2018, 74, 109-115.	1.9	8
82	Large enhancement of sunlight-driven photocatalytic performance of CdMoO ₄ prepared by SDBS-assisted microwave hydrothermal method. <i>Materials Letters</i> , 2018, 228, 421-423.	1.3	9
83	In-situ construction of direct Z-scheme Bi ₂ WO ₆ /g-C ₃ N ₄ composites with remarkably promoted solar-driven photocatalytic activity. <i>Materials Chemistry and Physics</i> , 2018, 217, 207-215.	2.0	40
84	Plantâ€Proteinâ€Modified TiO ₂ (SPI@TiO ₂) for Photodegradation of Dyes. <i>ChemistrySelect</i> , 2018, 3, 3127-3132.	0.7	2
85	Remarkably enhanced photoinduced charge separation rate of Bi ₂ WO ₆ by Cu ²⁺ doping. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	1.1	17
86	Photo-induced charge separation properties of NiO/Bi ₂ O ₃ heterojunctions with efficient simulated solar-driven photocatalytic performance. <i>Current Applied Physics</i> , 2017, 17, 484-487.	1.1	15
87	Enhanced photocatalytic performance of Ag ₂ O/BiOF composite photocatalysts originating from efficient interfacial charge separation. <i>Applied Surface Science</i> , 2017, 416, 666-671.	3.1	48
88	PVA-assisted hydrothermal preparation of BiOF with remarkably enhanced photocatalytic performance. <i>Materials Letters</i> , 2017, 201, 35-38.	1.3	17
89	Enhanced separation efficiency of photo-induced charge pairs and sunlight-driven photocatalytic performance of TiO ₂ prepared with the assistance of NH ₄ Cl. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 83, 174-180.	1.1	19
90	Charge separation behaviors of novel AgI/BiOI heterostructures with enhanced solar-photocatalytic performance. <i>Current Applied Physics</i> , 2017, 17, 1202-1207.	1.1	17

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91	Synthesis and characterization of novel Ag ₂ CO ₃ /g-C ₃ N ₄ composite photocatalysts with excellent solar photocatalytic activity and mechanism insight. <i>Molecular Catalysis</i> , 2017, 435, 91-98.	1.0	54
92	Enhanced solar photocatalytic performance of (BiO) ₂ CO ₃ prepared with the assistance of ionic liquid. <i>Materials Letters</i> , 2017, 192, 157-160.	1.3	13
93	One-pot hydrothermal preparation of BiOBr/BiPO ₄ with improved photocatalytic performance originated from remarkably enhanced separation of electron-hole pairs. <i>Current Applied Physics</i> , 2017, 17, 1707-1713.	1.1	14
94	LiGaGe ₂ S ₆ : A Chalcogenide with Good Infrared Nonlinear Optical Performance and Low Melting Point. <i>Inorganic Chemistry</i> , 2017, 56, 13267-13273.	1.9	51
95	Fabrication of CdS modified BiVO ₄ with enhanced sunlight photocatalytic performance. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1728-1732.	0.9	2
96	Enhanced photocatalytic performance of Ag/AgCl/SnO ₂ originating from efficient formation of $\cdot\text{O}_2^-$. <i>Materials Chemistry and Physics</i> , 2017, 201, 35-41.	2.0	26
97	Wide band gap design of new chalcogenide compounds: KSrPS ₄ and CsBaAsS ₄ . <i>RSC Advances</i> , 2017, 7, 38044-38051.	1.7	20
98	A flower-like TiO ₂ with photocatalytic hydrogen evolution activity modified by Zn(II) porphyrin photocatalysts. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 2123-2127.	1.1	10
99	Enhanced photo-induced charge separation and solar-driven photocatalytic performance of Ag/g-C ₃ N ₄ . <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 614-617.	0.9	3
100	Enhanced Simulated Sun Light Photocatalytic Activity of Fe^{2+} -Fe ₂ O ₃ Modified g-C ₃ N ₄ prepared In-situ. <i>Journal of Advanced Oxidation Technologies</i> , 2016, 19, .	0.5	1
101	Enhanced Sunlight Photocatalytic Performance of N,S-Codoped TiO ₂ Prepared by Sol-Gel Method Using Ammonium Thiocyanate. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 1596-1604.	0.6	3
102	Bovine serum albumin modified ZnO to degrade organic dyes under ultraviolet light irradiation. <i>New Journal of Chemistry</i> , 2016, 40, 5604-5610.	1.4	16
103	Improved solar-driven photocatalytic performance of Ag ₂ CO ₃ /(BiO) ₂ CO ₃ prepared in-situ. <i>Materials Research Bulletin</i> , 2016, 77, 185-189.	2.7	15
104	Charge separation and photocatalytic properties of BiOI prepared by ionic liquid-assisted hydrothermal method. <i>Materials Letters</i> , 2016, 183, 248-250.	1.3	16
105	Z-scheme TiO ₂ /g-C ₃ N ₄ composites with improved solar-driven photocatalytic performance deriving from remarkably efficient separation of photo-generated charge pairs. <i>Materials Research Bulletin</i> , 2016, 84, 65-70.	2.7	44
106	Effects of the molar ratio on the photo-generated charge separation behaviors and photocatalytic activities of (BiO) ₂ CO ₃ -BiOBr composites. <i>Solid State Sciences</i> , 2016, 60, 11-16.	1.5	7
107	Comparative Investigation of Simulated Solar-driven Photocatalytic Performance of g-C ₃ N ₄ Prepared by Different Precursors. <i>Journal of Advanced Oxidation Technologies</i> , 2016, 19, .	0.5	0
108	Efficient charge separation of Ag ₂ CO ₃ /ZnO composites prepared by a facile precipitation approach and its dependence on loading content of Ag ₂ CO ₃ . <i>Materials Science in Semiconductor Processing</i> , 2016, 52, 62-67.	1.9	27

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109	Improved solar-driven photocatalytic performance of BiOI decorated TiO ₂ benefiting from the separation properties of photo-induced charge carriers. <i>Solid State Sciences</i> , 2016, 52, 106-111.	1.5	20
110	Charge separation properties of (BiO) ₂ CO ₃ /BiOI heterostructures with enhanced solar-driven photocatalytic activity. <i>Current Applied Physics</i> , 2016, 16, 240-244.	1.1	21
111	Improved solar-driven photocatalytic performance of Ag ₃ PO ₄ /ZnO composites benefiting from enhanced charge separation with a typical Z-scheme mechanism. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	18
112	Efficient solar-driven photocatalytic performance of BiOBr benefiting from enhanced charge separation rate. <i>Materials Letters</i> , 2016, 163, 175-178.	1.3	18
113	Enhanced Photo-induced Charge Separation and Simulated Solar Photocatalytic Activity of Fe^{2+} -Fe ₂ O ₃ /BiOCl Prepared In-situ. <i>Journal of Advanced Oxidation Technologies</i> , 2015, 18, .	0.5	0
114	Synthesis of Rod-Like Zn_3N_4 /ZnS Composites with Superior Photocatalytic Activity for the Degradation of Methyl Orange. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4108-4115.	1.0	53
115	Enhanced Visible Light Photocatalytic Activity of Br-Doped Bismuth Oxide Formate Nanosheets. <i>Molecules</i> , 2015, 20, 19189-19202.	1.7	12
116	Fabrication and Improved Photocatalytic Performance of Pd/ Fe^{2+} -Fe ₂ O ₃ . <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 673-677.	0.6	4
117	Fabrication of Dy-doped BiVO ₄ with Enhanced Solar Light Photocatalytic Performance. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 476-481.	0.6	10
118	Enhanced photo-induced charge separation and sun light-driven photocatalytic performance of g-C ₃ N ₄ modified by phosphate. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 120, 829-833.	1.1	4
119	Photocatalytic Activity of TiO ₂ Loaded on BaBiO ₃ Toward Degradation of Gaseous Benzene. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1116-1120.	0.6	4
120	Photoinduced charge separation and simulated solar-driven photocatalytic performance of Ca ²⁺ -N-co-doped TiO ₂ prepared by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 76, 332-340.	1.1	9
121	Enhanced photo-induced charge separation and solar-driven photocatalytic activity of g-C ₃ N ₄ decorated by SO ₄ ²⁻ . <i>Materials Science in Semiconductor Processing</i> , 2015, 40, 508-515.	1.9	22
122	Photodegradation of Rhodamine B over a novel photocatalyst of feather keratin decorated CdS under visible light irradiation. <i>New Journal of Chemistry</i> , 2015, 39, 7112-7119.	1.4	31
123	Enhanced visible light photocatalytic activity of sulfated CuO/Bi ₂ O ₃ photocatalyst. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 120, 977-982.	1.1	5
124	P123-assisted hydrothermal synthesis of BiOI with enhanced photocatalytic performance. <i>Materials Letters</i> , 2015, 153, 179-181.	1.3	13
125	PEG-assisted hydrothermal synthesis of BiOCl with enhanced photocatalytic performance. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 119, 1203-1208.	1.1	38
126	Improved Sun light photocatalytic activity of Fe^{2+} -Fe ₂ O ₃ prepared with the assistance of CTAB. <i>Materials Letters</i> , 2015, 160, 526-528.	1.3	23

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127	Photocatalytic decolorization of methyl orange solution with KIO_3 . Desalination and Water Treatment, 2015, 54, 2252-2258.	1.0	3
128	Improved photocatalytic decolorization of methyl orange over Pd-doped Bi_2O_3 . Environmental Progress and Sustainable Energy, 2014, 33, 1229-1234.	1.3	3
129	Enhanced photocatalytic activity of In_2O_3 -decorated TiO_2 . Applied Physics A: Materials Science and Processing, 2014, 115, 1231-1238.	1.1	25
130	Enhanced photocatalytic activity of sulfated silica-titania composites prepared by impregnation using ammonium persulfate solution. Materials Science in Semiconductor Processing, 2014, 26, 62-68.	1.9	7
131	Effect of several reagents on decolorization of methyl orange solution with KIO_4 . Desalination and Water Treatment, 2014, 52, 6206-6210.	1.0	4
132	Photo-induced charge separation and photocatalytic activity of Ga-doped SnO_2 . Applied Physics A: Materials Science and Processing, 2014, 116, 2149-2156.	1.1	10
133	Enhanced Photocatalytic Activity of Bi-doped Fe_2O_3 . Journal of Advanced Oxidation Technologies, 2014, 17, .	0.5	1
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