

Junbo Zhong

List of Publications by Year in descending order

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145
papers

2,905
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186265
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146
docs citations

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times ranked

2241
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#	ARTICLE	IF	CITATIONS
1	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.	12.4	156
2	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.	20.2	95
3	One-pot solvothermal fabrication of S-scheme OV _s -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.	6.1	88
4	Effective photoinduced charge separation and photocatalytic activity of hierarchical microsphere-like C60/BiOCl. <i>Applied Surface Science</i> , 2019, 465, 249-258.	6.1	70
5	Enhanced photocatalytic activity of BiOCl by C70 modification and mechanism insight. <i>Applied Surface Science</i> , 2018, 443, 497-505.	6.1	67
6	Photocatalytic degradation of gaseous benzene over TiO ₂ /Sr ₂ CeO ₄ : Kinetic model and degradation mechanisms. <i>Journal of Hazardous Materials</i> , 2007, 139, 323-331.	12.4	59
7	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.	6.1	59
8	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.	2.0	54
9	Synthesis of Rod-Like g-C ₃ N ₄ /ZnS Composites with Superior Photocatalytic Activity for the Degradation of Methyl Orange. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4108-4115.	2.0	53
10	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.	4.7	53
11	Enhanced photocatalytic activity of Fe ₂ O ₃ decorated Bi ₂ O ₃ . <i>Applied Surface Science</i> , 2013, 284, 527-532.	6.1	51
12	LiGaGe ₂ S ₆ : A Chalcogenide with Good Infrared Nonlinear Optical Performance and Low Melting Point. <i>Inorganic Chemistry</i> , 2017, 56, 13267-13273.	4.0	51
13	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.	6.1	48
14	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.	6.7	46
15	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.	5.2	44
16	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.	4.7	44
17	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.	3.9	44
18	Microwave-assisted preparation of flower-like C60/BiOBr with significantly enhanced visible-light photocatalytic performance. <i>Applied Surface Science</i> , 2021, 540, 148340.	6.1	44

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19	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.	6.1	44
20	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.	4.0	40
21	Boosted photocatalytic removal of tetracycline on S-scheme Bi ₁₂ O ₁₇ Cl ₂ /±-Bi ₂ O ₃ heterojunctions with rich oxygen vacancies. <i>Applied Surface Science</i> , 2021, 563, 150246.	6.1	40
22	PEG-assisted hydrothermal synthesis of BiOCl with enhanced photocatalytic performance. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 119, 1203-1208.	2.3	38
23	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.	6.1	37
24	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.	5.2	35
25	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.	2.6	33
26	Oxygen vacancies enriched BiOBr with boosted photocatalytic behaviors. <i>Inorganic Chemistry Communication</i> , 2021, 126, 108450.	3.9	33
27	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.	2.8	31
28	Improved visible light responsive photocatalytic hydrogen production over g-C ₃ N ₄ with rich carbon vacancies. <i>Ceramics International</i> , 2022, 48, 1439-1445.	4.8	30
29	Photocatalytic degradation of gaseous benzene over TiO ₂ /Sr ₂ CeO ₄ : Preparation and photocatalytic behavior of TiO ₂ /Sr ₂ CeO ₄ . <i>Journal of Hazardous Materials</i> , 2007, 140, 200-204.	12.4	28
30	Carbon black decorated BiOCl with largely enhanced photocatalytic activity toward removal of RhB. <i>Solid State Sciences</i> , 2019, 97, 105989.	3.2	28
31	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.	3.2	28
32	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.	4.0	27
33	One-pot hydrothermal preparation of Br-doped BiVO ₄ with enhanced visible-light photocatalytic activity. <i>Solid State Sciences</i> , 2020, 105, 106285.	3.2	27
34	Enhanced photocatalytic performance of Ag/AgCl/SnO ₂ originating from efficient formation of $\dot{\text{A}}\cdot\text{O}_2$. <i>Materials Chemistry and Physics</i> , 2017, 201, 35-41.	4.0	26
35	Carbon quantum dots modified BiOCl for highly efficient degradation of contaminants benefited from effective generation of $\dot{\text{A}}\cdot\text{O}_2$. <i>Materials Science in Semiconductor Processing</i> , 2021, 136, 106165.	4.0	26
36	Enhanced photocatalytic activity of In ₂ O ₃ -decorated TiO ₂ . <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 1231-1238.	2.3	25

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37	SDBS-assisted hydrothermal treatment of TiO ₂ with improved photocatalytic activity. <i>Materials Letters</i> , 2018, 212, 147-150.	2.6	25
38	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.	3.9	25
39	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.	4.0	24
40	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.	3.2	24
41	Improved Sun light photocatalytic activity of Fe ₂ O ₃ prepared with the assistance of CTAB. <i>Materials Letters</i> , 2015, 160, 526-528.	2.6	23
42	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.	3.9	23
43	Photocatalytic enhancement mechanism insight for BiVO ₄ induced by plasma treatment under different atmospheres. <i>Journal of Alloys and Compounds</i> , 2022, 890, 161883.	5.5	23
44	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.	4.0	22
45	In-situ construction of flower-like BiOBr/BiOCl heterojunctions assembled by thin sheets using an ionic liquid. <i>Materials Letters</i> , 2020, 259, 126766.	2.6	22
46	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.	4.7	22
47	Hydrolytic cleavage of bis(p-nitrophenyl) phosphate by Schiff base Mn(III) complexes containing morpholine pendants in Gemini 16-6-16 micelles. <i>Journal of Chemical Sciences</i> , 2008, 120, 411-417.	1.5	21
48	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.	2.4	21
49	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.	2.6	21
50	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.	2.6	21
51	Tunable oxygen vacancies facilitated removal of PFOA and RhB over BiOCl prepared with alcohol ether sulphate. <i>Applied Surface Science</i> , 2022, 590, 152891.	6.1	21
52	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.	3.2	20
53	Wide band gap design of new chalcogenide compounds: K ₂ SrPS ₄ and CsBaAsS ₄ . <i>RSC Advances</i> , 2017, 7, 38044-38051.	3.6	20
54	Fabrication of tunable oxygen vacancies on BiOCl modified by spiral carbon fiber for highly efficient photocatalytic detoxification of typical pollutants. <i>Applied Surface Science</i> , 2022, 578, 152122.	6.1	20

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55	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.	2.4	19
56	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.	3.2	19
57	Spiral carbon fibers modified Bi ₂ WO ₆ with enhanced photocatalytic activity. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 141, 109430.	4.0	19
58	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.	4.0	19
59	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.	2.3	18
60	Efficient solar-driven photocatalytic performance of BiOBr benefiting from enhanced charge separation rate. <i>Materials Letters</i> , 2016, 163, 175-178.	2.6	18
61	PVA-assisted hydrothermal preparation of BiOF with remarkably enhanced photocatalytic performance. <i>Materials Letters</i> , 2017, 201, 35-38.	2.6	17
62	Charge separation behaviors of novel AgI/BiOI heterostructures with enhanced solar-photocatalytic performance. <i>Current Applied Physics</i> , 2017, 17, 1202-1207.	2.4	17
63	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.	2.3	17
64	Ionic liquid-assisted preparation of thin Bi ₂ SiO ₅ nanosheets for effective photocatalytic degradation of RhB. <i>Materials Letters</i> , 2020, 261, 127117.	2.6	17
65	Photocatalytic properties of flower-like BiOBr/BiOCl heterojunctions in-situ constructed by a reactable ionic liquid. <i>Inorganic Chemistry Communication</i> , 2021, 134, 109063.	3.9	17
66	Photocatalytic performance of rich OVs-BiOCl modified by polyphenylene sulfide. <i>Advanced Powder Technology</i> , 2022, 33, 103427.	4.1	17
67	Bovine serum albumin modified ZnO to degrade organic dyes under ultraviolet light irradiation. <i>New Journal of Chemistry</i> , 2016, 40, 5604-5610.	2.8	16
68	Charge separation and photocatalytic properties of BiOI prepared by ionic liquid-assisted hydrothermal method. <i>Materials Letters</i> , 2016, 183, 248-250.	2.6	16
69	Enhanced photocatalytic degradation of phenol and rhodamine B over flower-like BiOBr decorated by C70. <i>Materials Research Bulletin</i> , 2019, 118, 110521.	5.2	16
70	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.	5.2	16
71	Oxygen vacancies facilitated visible light photoactivity of CdWO ₄ prepared by ionic liquid assisted hydrothermal method. <i>Ceramics International</i> , 2021, 47, 26572-26578.	4.8	16
72	Construction of flower-like Ag/AgBr/BiOBr heterostructures with boosted photocatalytic activity. <i>Inorganic Chemistry Communication</i> , 2022, 137, 109254.	3.9	16

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73	Improved solar-driven photocatalytic performance of Ag ₂ CO ₃ /(BiO) ₂ CO ₃ prepared in-situ. Materials Research Bulletin, 2016, 77, 185-189.	5.2	15
74	Photo-induced charge separation properties of NiO/Bi ₂ O ₃ heterojunctions with efficient simulated solar-driven photocatalytic performance. Current Applied Physics, 2017, 17, 484-487.	2.4	15
75	Preparation and characterization of novel Ag/Ag ₂ WO ₄ /ZnWO ₄ heterojunctions with significantly enhanced sunlight-driven photocatalytic performance. Solid State Sciences, 2019, 95, 105923.	3.2	15
76	Preparation of cypress leave-like Ag ₂ WO ₄ /BiVO ₄ heterojunctions with remarkably enhanced photocatalytic activity. Materials Letters, 2021, 283, 128793.	2.6	15
77	One-pot hydrothermal preparation of BiOBr/BiPO ₄ with improved photocatalytic performance originated from remarkably enhanced separation of electron-hole pairs. Current Applied Physics, 2017, 17, 1707-1713.	2.4	14
78	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.	4.7	14
79	P123-assisted hydrothermal synthesis of BiOI with enhanced photocatalytic performance. Materials Letters, 2015, 153, 179-181.	2.6	13
80	Enhanced solar photocatalytic performance of (BiO) ₂ CO ₃ prepared with the assistance of ionic liquid. Materials Letters, 2017, 192, 157-160.	2.6	13
81	Enhanced photocatalytic performance of TiO ₂ /BiOI heterojunctions benefited from effective separation of photogenerated carriers. Chemical Physics Letters, 2021, 780, 138966.	2.6	13
82	In-situ construction of Bi ₂ WO ₆ /ZnWO ₄ heterojunctions with enhanced photocatalytic performance toward RhB degradation. Materials Letters, 2022, 312, 131707.	2.6	13
83	Enhanced Visible Light Photocatalytic Activity of Br-Doped Bismuth Oxide Formate Nanosheets. Molecules, 2015, 20, 19189-19202.	3.8	12
84	Ionic liquid assisted hydrothermal preparation of TiO ₂ with largely enhanced photocatalytic performance originated from effective separation of photoinduced carriers. Journal of Physics and Chemistry of Solids, 2020, 139, 109323.	4.0	12
85	Preparation of an In ₂ S ₃ /TiO ₂ Heterostructure for Enhanced Activity in Carbon Dioxide Photocatalytic Reduction. ChemPhotoChem, 2021, 5, 438-444.	3.0	12
86	Hydrolytic reactivities of p-nitrophenyl picolinate accelerated by Schiff base Co(II) complexes in micellar solutions. Colloid and Polymer Science, 2010, 288, 347-352.	2.1	11
87	Photocatalytic property of MWCNTs/BiOI with rich oxygen vacancies. Materials Research Bulletin, 2022, 150, 111763.	5.2	11
88	Photocatalytic properties of BiOBr/g-C ₃ N ₄ heterojunctions originated from S-scheme separation and transfer of interfacial charge pairs. Optical Materials, 2022, 131, 112649.	3.6	11
89	Photo-induced charge separation and photocatalytic activity of Ga-doped SnO ₂ . Applied Physics A: Materials Science and Processing, 2014, 116, 2149-2156.	2.3	10
90	Fabrication of Dy-doped BiVO ₄ with Enhanced Solar Light Photocatalytic Performance. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 476-481.	0.6	10

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91	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.	2.2	10
92	P123-assisted preparation of Ag/Ag ₂ O with significantly enhanced photocatalytic performance. <i>Solid State Sciences</i> , 2020, 99, 106062.	3.2	10
93	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.	3.6	10
94	Photoinduced charge separation and simulated solar-driven photocatalytic performance of C ⁺ N-co-doped TiO ₂ prepared by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 76, 332-340.	2.4	9
95	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.	2.6	9
96	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.	1.9	9
97	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.	3.0	9
98	In-situ fabrication of BiO/BiVO ₄ photocatalysts with boosted photocatalytic activity. <i>Materials Letters</i> , 2022, 306, 130802.	2.6	9
99	Synthesis, characterization and solar photocatalytic performance of In ₂ O ₃ -decorated Bi ₂ O ₃ . <i>Materials Science in Semiconductor Processing</i> , 2013, 16, 1808-1812.	4.0	8
100	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.	4.0	8
101	3-Mercaptopropionic acid assisted in-situ construction of thin Bi ₂ S ₃ /BiOCl composites with significantly improved photocatalytic activity. <i>Chemical Physics Letters</i> , 2022, 787, 139205.	2.6	8
102	Fabrication of 3D flower-like OVs-Bi ₂ SiO ₅ hierarchical microstructures for visible light-driven removal of tetracycline. <i>Surfaces and Interfaces</i> , 2022, 29, 101787.	3.0	8
103	Enhanced photocatalytic activity of sulfated silica-titania composites prepared by impregnation using ammonium persulfate solution. <i>Materials Science in Semiconductor Processing</i> , 2014, 26, 62-68.	4.0	7
104	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.	3.2	7
105	Photocatalytic activity of TiO ₂ prepared by different solvents through a solvothermal approach. <i>Solid State Sciences</i> , 2019, 98, 106024.	3.2	7
106	Ionic liquid assisted one-pot solvothermal preparation of BiOI/BiOBr heterojunctions with excellent photocatalytic activity. <i>Materials Letters</i> , 2020, 271, 127812.	2.6	7
107	Visible-light driven efficient elimination of organic hazardous and Cr (VI) over BiOCl modified by Chinese Baijiu distillers' grain-based biochar. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 107, 472-482.	5.8	7
108	In-situ preparation of S-scheme BiOI/BiVO ₄ heterojunctions with enhanced photocatalytic performance. <i>Solid State Sciences</i> , 2022, 129, 106908.	3.2	7

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109	In-situ fabrication and photocatalytic activity of AgBr/Ag ₃ PO ₄ heterojunctions. <i>Materials Letters</i> , 2022, 323, 132544.	2.6	7
110	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.	4.7	7
111	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.	2.3	6
112	Polyethylene glycol assisted preparation of AgI with enhanced photocatalytic activity. <i>Solid State Sciences</i> , 2021, 116, 106610.	3.2	6
113	Rich oxygen vacancies facilitated visible light-driven removal of phenol and Cr(VI) over Bi ₂ WO ₆ decorated by sorghum straw carbon. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 641, 128534.	4.7	6
114	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.	2.3	5
115	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.	2.3	5
116	Enhanced photocatalytic activity of C-N-S-tridoped TiO ₂ towards degradation of methyl orange and phenol. , 0, 75, 195-201.		5
117	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.	2.6	5
118	Effect of several reagents on decolorization of methyl orange solution with KIO ₄ . <i>Desalination and Water Treatment</i> , 2014, 52, 6206-6210.	1.0	4
119	Fabrication and Improved Photocatalytic Performance of Pd/Fe ₂ O ₃ . <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 673-677.	0.6	4
120	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.	2.3	4
121	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
122	Carbon nanofibers induced tunable oxygen vacancies on BiOCl for high efficient destruction of decontaminants. <i>Surfaces and Interfaces</i> , 2021, 25, 101247.	3.0	4
123	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. <i>Surfaces and Interfaces</i> , 2022, 28, 101648.	3.0	4
124	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.	3.0	4
125	P123-assisted hydrothermal synthesis of Ag ₂ MoO ₄ with enhanced photocatalytic performance. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109613.	3.9	4
126	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.	4.0	4

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127	Improved photocatalytic decolorization of methyl orange over Pd-doped Bi ₂ O ₃ . Environmental Progress and Sustainable Energy, 2014, 33, 1229-1234.	2.3	3
128	Photocatalytic decolorization of methyl orange solution with KIO ₃ . Desalination and Water Treatment, 2015, 54, 2252-2258.	1.0	3
129	Enhanced Sunlight Photocatalytic Performance of N,S-Codoped TiO ₂ Prepared by Sol-Gel Method Using Ammonium Thiocyanate. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 1596-1604.	0.6	3
130	Enhanced photo-induced charge separation and solar-driven photocatalytic performance of Ag/g-C ₃ N ₄ . Inorganic and Nano-Metal Chemistry, 2017, 47, 614-617.	1.6	3
131	Visible light-driven photocatalytic properties of BiOI-based photocatalyst prepared by different solvents. , 0, 182, 253-259.		3
132	Fabrication of CdS modified BiVO ₄ with enhanced sunlight photocatalytic performance. Inorganic and Nano-Metal Chemistry, 2017, 47, 1728-1732.	1.6	2
133	Plant-Protein-Modified TiO ₂ (SPI@TiO ₂) for Photodegradation of Dyes. ChemistrySelect, 2018, 3, 3127-3132.	1.5	2
134	Preparation of AgCl with enhanced photocatalytic activity using ionic liquid as chlorine source. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	2
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#	ARTICLE	IF	CITATIONS
145	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. <i>Inorganic and Nano-Metal Chemistry</i> , 2022, 52, 563-569.	1.6	0