

Jun Di

List of Publications by Year in descending order

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135
papers

12,867
citations

19657

61
h-index

23533

111
g-index

136
all docs

136
docs citations

136
times ranked

9568
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic liquid-induced preparation of novel CNTs/PbBiO ₂ Cl nanosheet photocatalyst with boosted photocatalytic activity for the removal of organic contaminants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 634, 127894.	4.7	10
2	Construction of high-efficiency CoS@Nb ₂ O ₅ heterojunctions accelerating charge transfer for boosting photocatalytic hydrogen evolution. <i>Chinese Chemical Letters</i> , 2022, 33, 4700-4704.	9.0	22
3	Construction of single-atom catalysts for electro-, photo- and photoelectro-catalytic applications: State-of-the-art, opportunities, and challenges. <i>Materials Today</i> , 2022, 53, 217-237.	14.2	34
4	Orientated dominating charge separation via crystal facet homojunction inserted into BiOBr for solar-driven CO ₂ conversion. <i>Journal of CO₂ Utilization</i> , 2022, 59, 101957.	6.8	11
5	Electronic state tuning over Mo-doped W ₁₈ O ₄₉ ultrathin nanowires with enhanced molecular oxygen activation for desulfurization. <i>Separation and Purification Technology</i> , 2022, 294, 121167.	7.9	15
6	Universal strategy engineering grain boundaries for catalytic oxidative desulfurization. <i>Applied Catalysis B: Environmental</i> , 2022, 317, 121714.	20.2	27
7	Cobalt nitride as a novel cocatalyst to boost photocatalytic CO ₂ reduction. <i>Nano Energy</i> , 2021, 79, 105429.	16.0	117
8	2D PtS nanorectangles/g-C ₃ N ₄ nanosheets with a metal sulfide support interaction effect for high-efficiency photocatalytic H ₂ evolution. <i>Materials Horizons</i> , 2021, 8, 612-618.	12.2	34
9	Construction of 2D/2D MoS ₂ /PbBiO ₂ Cl nanosheet photocatalysts with accelerated interfacial charge transfer for boosting visible light photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 609, 125655.	4.7	14
10	Interface engineering in low-dimensional bismuth-based materials for photoreduction reactions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2662-2677.	10.3	32
11	2D/2D atomic double-layer WS ₂ /Nb ₂ O ₅ shell/core nanosheets with ultrafast interfacial charge transfer for boosting photocatalytic H ₂ evolution. <i>Chinese Chemical Letters</i> , 2021, 32, 3128-3132.	9.0	23
12	Recent Advances in Synthesis and Study of 2D Twisted Transition Metal Dichalcogenide Bilayers. <i>Small Structures</i> , 2021, 2, 2000153.	12.0	29
13	Engineering Cocatalysts onto Low-Dimensional Photocatalysts for CO ₂ Reduction. <i>Small Structures</i> , 2021, 2, 2100046.	12.0	40
14	Surface Local Polarization Induced by Bismuth Oxygen Vacancy Pairs Tuning Non-Covalent Interaction for CO ₂ Photoreduction. <i>Advanced Energy Materials</i> , 2021, 11, 2102389.	19.5	109
15	Highly dispersed tungsten-based quantum dots confined in porous channel induced by ionic liquid with remarkable desulfurization behavior. <i>Separation and Purification Technology</i> , 2021, , 119676.	7.9	2
16	Oxygen vacancies in Bi ₂ Sn ₂ O ₇ quantum dots to trigger efficient photocatalytic nitrogen reduction. <i>Applied Catalysis B: Environmental</i> , 2021, 299, 120680.	20.2	40
17	Machine Learning Driven Synthesis of Few-Layered WTe ₂ with Geometrical Control. <i>Journal of the American Chemical Society</i> , 2021, 143, 18103-18113.	13.7	30
18	Hexagonal boron nitride adsorbent: Synthesis, performance tailoring and applications. <i>Journal of Energy Chemistry</i> , 2020, 40, 99-111.	12.9	59

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19	Space-confined microwave synthesis of ternary-layered BiOCl crystals with high-performance ultraviolet photodetection. <i>Informa-Materi</i> , 2020, 2, 593-600.	17.3	32
20	Construction of MIL-125(Ti)/ZnIn ₂ S ₄ composites with accelerated interfacial charge transfer for boosting visible light photoreactivity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124078.	4.7	34
21	Confined active species and effective charge separation in Bi ₄ O ₅ I ₂ ultrathin hollow nanotube with increased photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118403.	20.2	75
22	In-situ preparation of MIL-125(Ti)/Bi ₂ WO ₆ photocatalyst with accelerating charge carriers for the photodegradation of tetracycline hydrochloride. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 387, 112149.	3.9	41
23	Macroscopic 3D boron nitride monolith for efficient adsorptive desulfurization. <i>Fuel</i> , 2020, 261, 116448.	6.4	34
24	Carbon Microtube Aerogel Derived from Kapok Fiber: An Efficient and Recyclable Sorbent for Oils and Organic Solvents. <i>ACS Nano</i> , 2020, 14, 595-602.	14.6	104
25	Novel Z-scheme heterogeneous photo-Fenton-like g-C ₃ N ₄ /FeOCl for the pollutants degradation under visible light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 391, 112343.	3.9	54
26	Crystal Transformation from the Incorporation of Coordinate Bonds into a Hydrogen-Bonded Network Yields Robust Free-Standing Supramolecular Membranes. <i>Journal of the American Chemical Society</i> , 2020, 142, 479-486.	13.7	35
27	Linkage Engineering by Harnessing Supramolecular Interactions to Fabricate 2D Hydrazone-Linked Covalent Organic Framework Platforms toward Advanced Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 18138-18149.	13.7	99
28	Strain-Engineering of Bi ₂ O ₁₇ Br ₂ Nanotubes for Boosting Photocatalytic CO ₂ Reduction. , 2020, 2, 1025-1032.		82
29	Surfactant-assisted hydrothermal synthesis of MoS ₂ micro-pompon structure with enhanced photocatalytic performance under visible light. <i>Tungsten</i> , 2020, 2, 203-213.	4.8	31
30	Atomic-level active sites steering in ultrathin photocatalysts to trigger high efficiency nitrogen fixation. <i>Chemical Engineering Journal</i> , 2020, 402, 126208.	12.7	40
31	An All-Organic DAE System for Visible-Light-Driven Overall Water Splitting. <i>Small</i> , 2020, 16, e2003914.	10.0	80
32	Phase-controllable growth of ultrathin 2D magnetic FeTe crystals. <i>Nature Communications</i> , 2020, 11, 3729.	12.8	120
33	Reusable Graphitic Carbon Nitride Nanosheet-Based Aerogels as Sorbents for Oils and Organic Solvents. <i>ACS Applied Nano Materials</i> , 2020, 3, 8176-8181.	5.0	9
34	A Tandem 0D/2D/2D NbS ₂ Quantum Dot/Nb ₂ O ₅ Nanosheet/g-C ₃ N ₄ Flake System with Spatial Charge-Transfer Cascades for Boosting Photocatalytic Hydrogen Evolution. <i>Small</i> , 2020, 16, e2003302.	10.0	40
35	Bismuth-rich bismuth oxyhalides: a new opportunity to trigger high-efficiency photocatalysis. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21434-21454.	10.3	84
36	Construction of NH ₂ -MIL-125(Ti) nanoplates modified Bi ₂ WO ₆ microspheres with boosted visible-light photocatalytic activity. <i>Research on Chemical Intermediates</i> , 2020, 46, 3311-3326.	2.7	20

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37	Construction of NH ₂ -MIL-125(Ti)/Bi ₂ WO ₆ composites with accelerated charge separation for degradation of organic contaminants under visible light irradiation. <i>Green Energy and Environment</i> , 2020, 5, 203-213.	8.7	43
38	Ferroelectric-field accelerated charge transfer in 2D CuInP ₂ S ₆ heterostructure for enhanced photocatalytic H ₂ evolution. <i>Nano Energy</i> , 2020, 76, 104972.	16.0	84
39	A three-dimensional porous MoS ₂ @PVP aerogel as a highly efficient and recyclable sorbent for oils and organic solvents. <i>Materials Advances</i> , 2020, 1, 760-766.	5.4	9
40	Charge steering in ultrathin 2D nanomaterials for photocatalysis. <i>Journal of Materials Chemistry A</i> , 2020, 8, 12928-12950.	10.3	44
41	Oxygen vacancy mediated bismuth stannate ultra-small nanoparticle towards photocatalytic CO ₂ -to-CO conversion. <i>Applied Catalysis B: Environmental</i> , 2020, 276, 119156.	20.2	59
42	Cu ²⁺ /Modified g-C ₃ N ₄ ; Photocatalysts for Visible Light Photocatalytic Properties. <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2020, 36, 1902001-0.	4.9	34
43	New strategy towards the assembly of hierarchical heterostructures of SnO ₂ /ZnO for NO ₂ detection at a ppb level. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2801-2809.	6.0	24
44	Ultrathin graphitic carbon nitride modified PbBiO ₂ Cl microspheres with accelerating interfacial charge transfer for the photodegradation of organic contaminants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 582, 123804.	4.7	18
45	Bismuth Vacancy-Tuned Bismuth Oxybromide Ultrathin Nanosheets toward Photocatalytic CO ₂ Reduction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30786-30792.	8.0	140
46	Isolated single atom cobalt in Bi ₃ O ₄ Br atomic layers to trigger efficient CO ₂ photoreduction. <i>Nature Communications</i> , 2019, 10, 2840.	12.8	327
47	CQDs modified PbBiO ₂ Cl nanosheets with improved molecular oxygen activation ability for photodegradation of organic contaminants. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 382, 111921.	3.9	17
48	Enhancing the cycling stability of Na-ion batteries by bonding MoS ₂ on assembled carbon-based materials. <i>Nano Materials Science</i> , 2019, 1, 310-317.	8.8	9
49	Ultrathin g-C ₃ N ₄ with enriched surface carbon vacancies enables highly efficient photocatalytic nitrogen fixation. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 530-539.	9.4	112
50	Ultrathin structured photocatalysts: A versatile platform for CO ₂ reduction. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117788.	20.2	94
51	In-situ preparation of iron(II) phthalocyanine modified bismuth oxybromide with enhanced visible-light photocatalytic activity and mechanism insight. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 575, 336-345.	4.7	32
52	Defect-Tailoring Mediated Electron-Hole Separation in Single-Unit Cell Bi ₃ O ₄ Br Nanosheets for Boosting Photocatalytic Hydrogen Evolution and Nitrogen Fixation. <i>Advanced Materials</i> , 2019, 31, e1807576.	21.0	311
53	Sacrificing ionic liquid-assisted anchoring of carbonized polymer dots on perovskite-like PbBiO ₂ Br for robust CO ₂ photoreduction. <i>Applied Catalysis B: Environmental</i> , 2019, 254, 551-559.	20.2	91
54	High-performance electrolytic oxygen evolution with a seamless armor core-shell FeCoNi oxynitride. <i>Nanoscale</i> , 2019, 11, 7239-7246.	5.6	28

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55	Atomically-thin Bi ₂ MoO ₆ nanosheets with vacancy pairs for improved photocatalytic CO ₂ reduction. Nano Energy, 2019, 61, 54-59.	16.0	243
56	Size-Dependent Activity of Iron-Nickel Oxynitride towards Electrocatalytic Oxygen Evolution. ChemNanoMat, 2019, 5, 883-887.	2.8	5
57	Boosting photocatalytic degradation of RhB via interfacial electronic effects between Fe-based ionic liquid and g-C ₃ N ₄ . Green Energy and Environment, 2019, 4, 198-206.	8.7	36
58	Freestanding ultrathin bismuth-based materials for diversified photocatalytic applications. Journal of Materials Chemistry A, 2019, 7, 25203-25226.	10.3	90
59	Oxygen vacancies modulated Bi-rich bismuth oxyiodide microspheres with tunable valence band position to boost the photocatalytic activity. Journal of Colloid and Interface Science, 2019, 533, 612-620.	9.4	77
60	Partially etched Bi ₂ O ₂ CO ₃ by metal chloride for enhanced reactive oxygen species generation: A tale of two strategies. Applied Catalysis B: Environmental, 2019, 245, 325-333.	20.2	45
61	Improved Solar Energy Photoactivity over Defective BiOBr Ultrathin Nanosheets towards Pollutant Removal and Oxygen Evolution. ChemNanoMat, 2019, 5, 215-223.	2.8	9
62	In-situ preparation of NH ₂ -MIL-125(Ti)/BiOCl composite with accelerating charge carriers for boosting visible light photocatalytic activity. Applied Surface Science, 2019, 466, 525-534.	6.1	113
63	Controllable synthesis of FeWO ₄ /BiOBr in reactive ionic liquid with effective charge separation towards photocatalytic pollutant removal. Research on Chemical Intermediates, 2019, 45, 437-451.	2.7	5
64	Ultrathin two-dimensional materials for photo- and electrocatalytic hydrogen evolution. Materials Today, 2018, 21, 749-770.	14.2	228
65	Ionic liquid-induced double regulation of carbon quantum dots modified bismuth oxychloride/bismuth oxybromide nanosheets with enhanced visible-light photocatalytic activity. Journal of Colloid and Interface Science, 2018, 519, 263-272.	9.4	66
66	Controlled preparation of MoS ₂ /PbBiO ₂ I hybrid microspheres with enhanced visible-light photocatalytic behaviour. Journal of Colloid and Interface Science, 2018, 517, 278-287.	9.4	38
67	Graphene-like boron nitride induced accelerated charge transfer for boosting the photocatalytic behavior of Bi ₄ O ₅ I ₂ towards bisphenol a removal. Chemical Engineering Journal, 2018, 331, 355-363.	12.7	111
68	Defect-Rich Bi ₁₂ O ₁₇ Cl ₂ Nanotubes Self-Accelerating Charge Separation for Boosting Photocatalytic CO ₂ Reduction. Angewandte Chemie, 2018, 130, 15063-15067.	2.0	38
69	Defect-Rich Bi ₁₂ O ₁₇ Cl ₂ Nanotubes Self-Accelerating Charge Separation for Boosting Photocatalytic CO ₂ Reduction. Angewandte Chemie - International Edition, 2018, 57, 14847-14851.	13.8	329
70	Bismuth vacancy mediated single unit cell Bi ₂ WO ₆ nanosheets for boosting photocatalytic oxygen evolution. Applied Catalysis B: Environmental, 2018, 238, 119-125.	20.2	173
71	Surface Defect Engineering in 2D Nanomaterials for Photocatalysis. Advanced Functional Materials, 2018, 28, 1801983.	14.9	472
72	Graphene-Analogue Boron Nitride Modified Bismuth Oxyiodide with Increased Visible-Light Photocatalytic Performance. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800146.	1.8	2

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73	S, N Codoped Graphene Quantum Dots Embedded in (BiO) ₂ CO ₃ : Incorporating Enzymatic-like Catalysis in Photocatalysis. ACS Sustainable Chemistry and Engineering, 2018, 6, 10229-10240.	6.7	55
74	Enhanced photocatalytic performance of carbon quantum dots/BiOBr composite and mechanism investigation. Chinese Chemical Letters, 2018, 29, 805-810.	9.0	80
75	Atomically Thin 2D Multinary Nanosheets for Energy-Related Photo, Electrocatalysis. Advanced Science, 2018, 5, 1800244.	11.2	54
76	Controlled synthesis of novel PbBiO ₂ I microsphere structure towards photocatalytic degradation of bisphenol A. Research on Chemical Intermediates, 2018, 44, 5879-5891.	2.7	5
77	N-CQDs accelerating surface charge transfer of Bi ₄ O ₅ I ₂ hollow nanotubes with broad spectrum photocatalytic activity. Applied Catalysis B: Environmental, 2018, 237, 1033-1043.	20.2	112
78	Ultrathin 2D Photocatalysts: Electronic Structure Tailoring, Hybridization, and Applications. Advanced Materials, 2018, 30, 1704548.	21.0	409
79	One-pot ionic liquid-assisted strategy for GO/BiOI hybrids with superior visible-driven photocatalysis and mechanism research. Materials Technology, 2017, 32, 131-139.	3.0	6
80	Improved photocatalytic activity of few-layer Bi ₄ O ₅ I ₂ nanosheets induced by efficient charge separation and lower valence position. Journal of Alloys and Compounds, 2017, 695, 922-930.	5.5	68
81	Graphene-like boron nitride modified bismuth phosphate materials for boosting photocatalytic degradation of enrofloxacin. Journal of Colloid and Interface Science, 2017, 492, 51-60.	9.4	59
82	Ionic liquid-induced strategy for porous perovskite-like PbBiO ₂ Br photocatalysts with enhanced photocatalytic activity and mechanism insight. Applied Catalysis B: Environmental, 2017, 206, 127-135.	20.2	101
83	Facile microwave-assisted ionic liquid synthesis of sphere-like BiOBr hollow and porous nanostructures with enhanced photocatalytic performance. Green Energy and Environment, 2017, 2, 124-133.	8.7	50
84	Facile fabrication of g-C ₃ N ₄ /BiPO ₄ hybrid materials via a reactable ionic liquid for the photocatalytic degradation of antibiotic ciprofloxacin. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 339, 59-66.	3.9	55
85	2D-2D stacking of graphene-like g-C ₃ N ₄ /Ultrathin Bi ₄ O ₅ Br ₂ with matched energy band structure towards antibiotic removal. Applied Surface Science, 2017, 413, 372-380.	6.1	111
86	Freestanding atomically-thin two-dimensional materials beyond graphene meeting photocatalysis: Opportunities and challenges. Nano Energy, 2017, 35, 79-91.	16.0	179
87	Double regulation of bismuth and halogen source for the preparation of bismuth oxybromide nanosquares with enhanced photocatalytic activity. Journal of Colloid and Interface Science, 2017, 492, 25-32.	9.4	6
88	Tunable oxygen activation induced by oxygen defects in nitrogen doped carbon quantum dots for sustainable boosting photocatalysis. Carbon, 2017, 114, 601-607.	10.3	86
89	Bismuth oxyhalide layered materials for energy and environmental applications. Nano Energy, 2017, 41, 172-192.	16.0	413
90	Synthesis of g-C ₃ N ₄ /Bi ₄ O ₅ Br ₂ via reactable ionic liquid and its cooperation effect for the enhanced photocatalytic behavior towards ciprofloxacin degradation. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 347, 168-176.	3.9	43

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91	Controllable Synthesis of Atomically Thin Type-II Weyl Semimetal WTe_2 Nanosheets: An Advanced Electrode Material for All-Solid-State Flexible Supercapacitors. <i>Advanced Materials</i> , 2017, 29, 1701909.	21.0	107
92	Novel mesoporous graphitic carbon nitride modified PbBiO_2Br porous microspheres with enhanced photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2017, 507, 310-322.	9.4	31
93	Defect engineering in atomically-thin bismuth oxychloride towards photocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14144-14151.	10.3	107
94	Controllable synthesis of perovskite-like PbBiO_2Cl hollow microspheres with enhanced photocatalytic activity for antibiotic removal. <i>CrystEngComm</i> , 2017, 19, 4777-4788.	2.6	28
95	Reactable ionic liquid induced homogeneous carbon superdoping of BiPO_4 for superior photocatalytic removal of 4-chlorophenol. <i>Chemical Engineering Journal</i> , 2017, 313, 1477-1485.	12.7	59
96	La^{3+} doped BiOBr microsphere with enhanced visible light photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 513, 160-167.	4.7	55
97	$\text{MoS}_2/\text{TiO}_2$ Edge-On Heterostructure for Efficient Photocatalytic Hydrogen Evolution. <i>Advanced Energy Materials</i> , 2016, 6, 1600464.	19.5	264
98	Synthesis of Multiwalled Carbon Nanotube Modified BiOCl Microspheres with Enhanced Visible-Light Response Photoactivity. <i>Clean - Soil, Air, Water</i> , 2016, 44, 781-787.	1.1	18
99	Constructing confined surface carbon defects in ultrathin graphitic carbon nitride for photocatalytic free radical manipulation. <i>Carbon</i> , 2016, 107, 1-10.	10.3	159
100	Construction of ultrathin $\text{C}_3\text{N}_4/\text{Bi}_4\text{O}_5\text{I}_2$ layered nanojunctions via ionic liquid with enhanced photocatalytic performance and mechanism insight. <i>Applied Catalysis B: Environmental</i> , 2016, 191, 235-245.	20.2	131
101	Ionic liquid-induced strategy for FeWO_4 microspheres with advanced visible light photocatalysis. <i>Ceramics International</i> , 2016, 42, 8997-9003.	4.8	36
102	Ionic liquid-assisted strategy for bismuth-rich bismuth oxybromides nanosheets with superior visible light-driven photocatalytic removal of bisphenol-A. <i>Journal of Colloid and Interface Science</i> , 2016, 473, 112-119.	9.4	43
103	Graphene-like BN/BiOBr composite: synthesis via a reactable ionic liquid and enhanced visible light photocatalytic performance. <i>Materials Technology</i> , 2016, 31, 463-470.	3.0	4
104	Hierarchical Sandwich-Like Structure of Ultrafine N-Rich Porous Carbon Nanospheres Grown on Graphene Sheets as Superior Lithium-Ion Battery Anodes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 10324-10333.	8.0	100
105	Constructing carbon quantum dots/ Bi_2SiO_5 ultrathin nanosheets with enhanced photocatalytic activity and mechanism investigation. <i>Chemical Engineering Journal</i> , 2016, 302, 334-343.	12.7	83
106	$\text{Bi}_4\text{O}_5\text{Br}_2$ ultrasmall nanosheets in situ strong coupling to MWCNT and improved photocatalytic activity for tetracycline hydrochloride degradation. <i>Journal of Molecular Catalysis A</i> , 2016, 424, 331-341.	4.8	52
107	Facile synthesis of few-layered MoS_2 modified BiOI with enhanced visible-light photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 511, 1-7.	4.7	43
108	Ionic liquid-assisted bidirectional regulation strategy for carbon quantum dots (CQDs)/ $\text{Bi}_4\text{O}_5\text{I}_2$ nanomaterials and enhanced photocatalytic properties. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 324-333.	9.4	51

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109	Carbon quantum dots in situ coupling to bismuth oxyiodide via reactable ionic liquid with enhanced photocatalytic molecular oxygen activation performance. <i>Carbon</i> , 2016, 98, 613-623.	10.3	123
110	Nitrogen-Doped Carbon Quantum Dots/BiOBr Ultrathin Nanosheets: In Situ Strong Coupling and Improved Molecular Oxygen Activation Ability under Visible Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 136-146.	6.7	233
111	Carbon Quantum Dots Induced Ultrasmall BiOI Nanosheets with Assembled Hollow Structures for Broad Spectrum Photocatalytic Activity and Mechanism Insight. <i>Langmuir</i> , 2016, 32, 2075-2084.	3.5	136
112	Bidirectional acceleration of carrier separation spatially via N-CQDs/atomically-thin BiOI nanosheets nanojunctions for manipulating active species in a photocatalytic process. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5051-5061.	10.3	126
113	Ionic liquid-assisted synthesis and improved photocatalytic activity of p-n junction g-C ₃ N ₄ /BiOCl. <i>Journal of Materials Science</i> , 2016, 51, 4769-4777.	3.7	65
114	New insight of Ag quantum dots with the improved molecular oxygen activation ability for photocatalytic applications. <i>Applied Catalysis B: Environmental</i> , 2016, 188, 376-387.	20.2	131
115	Synthesis of erbium ions doped BiOBr via a reactive ionic liquid with improved photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 489, 343-350.	4.7	34
116	Advanced photocatalytic performance of graphene-like BN modified BiOBr flower-like materials for the removal of pollutants and mechanism insight. <i>Applied Catalysis B: Environmental</i> , 2016, 183, 254-262.	20.2	294
117	Reactable ionic liquid assisted synthesis of BiPO ₄ and the influences of solvent on structure, morphology and photocatalytic performance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 488, 110-117.	4.7	23
118	Ionic liquid-induced strategy for carbon quantum dots/BiOX (X = Br, Cl) hybrid nanosheets with superior visible light-driven photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2016, 181, 260-269.	20.2	380
119	The synergistic role of carbon quantum dots for the improved photocatalytic performance of Bi ₂ MoO ₆ . <i>Nanoscale</i> , 2015, 7, 11433-11443.	5.6	306
120	The enhanced visible light photocatalytic activity of yttrium-doped BiOBr synthesized via a reactable ionic liquid. <i>Applied Surface Science</i> , 2015, 331, 170-178.	6.1	50
121	Significant improvement of photocatalytic activity of porous graphitic-carbon nitride/bismuth oxybromide microspheres synthesized in an ionic liquid by microwave-assisted processing. <i>Materials Science in Semiconductor Processing</i> , 2015, 32, 117-124.	4.0	15
122	Controllable synthesis of Bi ₄ O ₅ Br ₂ ultrathin nanosheets for photocatalytic removal of ciprofloxacin and mechanism insight. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15108-15118.	10.3	202
123	Microwave-assisted synthesis of few-layered MoS ₂ /BiOBr hollow microspheres with superior visible-light-response photocatalytic activity for ciprofloxacin removal. <i>CrystEngComm</i> , 2015, 17, 3645-3651.	2.6	57
124	Carbon Quantum Dots Modified BiOCl Ultrathin Nanosheets with Enhanced Molecular Oxygen Activation Ability for Broad Spectrum Photocatalytic Properties and Mechanism Insight. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20111-20123.	8.0	302
125	Novel visible-light-driven CQDs/Bi ₂ WO ₆ hybrid materials with enhanced photocatalytic activity toward organic pollutants degradation and mechanism insight. <i>Applied Catalysis B: Environmental</i> , 2015, 168-169, 51-61.	20.2	486
126	Facile fabrication of the visible-light-driven Bi ₂ WO ₆ /BiOBr composite with enhanced photocatalytic activity. <i>RSC Advances</i> , 2014, 4, 82-90.	3.6	174

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127	Reactable ionic liquid-assisted rapid synthesis of BiOI hollow microspheres at room temperature with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15864-15874.	10.3	196
128	Facile fabrication and enhanced visible light photocatalytic activity of few-layer MoS ₂ coupled BiOBr microspheres. <i>Dalton Transactions</i> , 2014, 43, 15429-15438.	3.3	133
129	One-pot solvothermal synthesis of Cu-modified BiOCl via a Cu-containing ionic liquid and its visible-light photocatalytic properties. <i>RSC Advances</i> , 2014, 4, 14281.	3.6	111
130	Solvothermal synthesis and enhanced visible-light photocatalytic decontamination of bisphenol A (BPA) by g-C ₃ N ₄ /BiOBr heterojunctions. <i>Materials Science in Semiconductor Processing</i> , 2014, 24, 96-103.	4.0	66
131	Improved visible light photocatalytic activity of MWCNT/BiOBr composite synthesized via a reactable ionic liquid. <i>Ceramics International</i> , 2014, 40, 4607-4616.	4.8	45
132	Preparation of sphere-like g-C ₃ N ₄ /BiOI photocatalysts via a reactable ionic liquid for visible-light-driven photocatalytic degradation of pollutants. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5340.	10.3	439
133	A g-C ₃ N ₄ /BiOBr visible-light-driven composite: synthesis via a reactable ionic liquid and improved photocatalytic activity. <i>RSC Advances</i> , 2013, 3, 19624.	3.6	162
134	Improved visible light photocatalytic properties of Fe/BiOCl microspheres synthesized via self-doped reactable ionic liquids. <i>CrystEngComm</i> , 2013, 15, 10132.	2.6	84
135	Reactable ionic liquid-assisted solvothermal synthesis of flower-like bismuth oxybromide microspheres with highly visible-light photocatalytic performances. <i>Micro and Nano Letters</i> , 2013, 8, 450-454.	1.3	13