Yin Sheng

List of Publications by Year
in descending order

		18436	23472
166	13,464	62	111
papers	citations	h-index	g-index

168	168	168	10735
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ionic liquid-induced preparation of novel CNTs/PbBiO2Cl nanosheet photocatalyst with boosted photocatalytic activity for the removal of organic contaminants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 634, 127894.	2.3	10
2	Oxygen vacancies mediated Bi12O17Cl2 ultrathin nanobelts: Boosting molecular oxygen activation for efficient organic pollutants degradation. Journal of Colloid and Interface Science, 2022, 609, 23-32.	5.0	22
3	Dual modulation steering electron reducibility and transfer of bismuth molybdate nanoparticle to boost carbon dioxide photoreduction to carbon monoxide. Journal of Colloid and Interface Science, 2022, 610, 518-526.	5.0	5
4	Rational construction of tetraphenylporphyrin/bismuth oxybromide nanocomposite with accelerated interfacial charge transfer for promoted visible-light-driven degradation of antibiotics. Research on Chemical Intermediates, 2022, 48, 235-250.	1.3	4
5	Edgeâ€Siteâ€Rich Ordered Macroporous BiOCl Triggers Cï£¾O Activation for Efficient CO₂ Photoreduction. Small, 2022, 18, e2105228.	5.2	27
6	Recent Progress on Zeolitic Imidazolate Frameworks and Their Derivatives in Alkali Metalâ€“Chalcogen Batteries. Advanced Energy Materials, 2022, 12, 2103152.	10.2	25
7	Construction of 0D/3D carbon quantum dots modified PbBiO2Cl microspheres with accelerated charge carriers for promoted visible-light-driven degradation of organic contaminants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 642, 128591.	2.3	7
8	Synergy between plasmonic and sites on gold nanoparticle-modified bismuth-rich bismuth oxybromide nanotubes for the efficient photocatalytic C C coupling synthesis of ethane. Journal of Colloid and Interface Science, 2022, 616, 649-658.	5.0	18
9	Fabrication of MoS2/FeOCl composites as heterogeneous photo-fenton catalysts for the efficient degradation of water pollutants under visible light irradiation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 648, 129357.	2.3	7
10	A Janus cobalt nanoparticles and molybdenum carbide decorated N-doped carbon for high-performance overall water splitting. Journal of Colloid and Interface Science, 2021, 583, 614-625.	5.0	53
11	Oxygen Vacancies Engineeringâ€“Mediated BiOBr Atomic Layers for Boosting Visible Lightâ€Driven Photocatalytic CO₂ Reduction. Solar Rrl, 2021, 5, 2000480.	3.1	42
12	Integration of double halogen atoms in atomically thin bismuth bromide: Mutative electronic structure steering charge carrier migration boosted broad-spectrum photocatalysis. Applied Surface Science, 2021, 541, 148477.	3.1	9
13	Construction of 2D/2D MoS2/PbBiO2Cl nanosheet photocatalysts with accelerated interfacial charge transfer for boosting visible light photocatalytic activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 609, 125655.	2.3	14
14	Interface engineering in low-dimensional bismuth-based materials for photoreduction reactions. Journal of Materials Chemistry A, 2021, 9, 2662-2677.	5.2	32
15	In situ preparation of Bi2O3/(BiO)2CO3 composite photocatalyst with enhanced visible-light photocatalytic activity. Research on Chemical Intermediates, 2021, 47, 1601-1613.	1.3	7
16	Tuning the Active Sites of Atomically Thin Defective Bi₁₂O₁₇Cl₂ via Incorporation of Subnanometer Clusters. ACS Applied Materials & Interfaces, 2021, 13, 9216-9223.	4.0	21
17	Inâ€Situ Synthesis of MoS₂/BiOBr Material via Mechanical Ball Milling for Boosted Photocatalytic Degradation Pollutants Performance. ChemistrySelect, 2021, 6, 928-936.	0.7	11
18	Boosting CO₂ Capture and Its Photochemical Conversion on Bismuth Surface. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2000671.	0.8	4

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19	Recent Advances in Synthesis and Study of 2D Twisted Transition Metal Dichalcogenide Bilayers. Small Structures, 2021, 2, 2000153.	6.9	29
20	Organic-inorganic TCPP/BiOCl hybrids with accelerated interfacial charge separation for boosted photocatalytic performance. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 616, 126367.	2.3	20
21	Ionic Liquid-Assisted Synthesis of Ag3PO4 Spheres for Boosting Photodegradation Activity under Visible Light. Catalysts, 2021, 11, 788.	1.6	5
22	Engineering Cocatalysts onto Lowâ€Dimensional Photocatalysts for CO₂ Reduction. Small Structures, 2021, 2, 2100046.	6.9	40
23	The novel photo-Fenton-like few-layer MoS2/FeVO4 composite for improved degradation activity under visible light irradiation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 623, 126721.	2.3	27
24	Surface Local Polarization Induced by Bismuthâ€Oxygen Vacancy Pairs Tuning Nonâ€Covalent Interaction for CO₂ Photoreduction. Advanced Energy Materials, 2021, 11, 2102389.	10.2	109
25	Unique Z-scheme carbonized polymer dots/Bi4O5Br2 hybrids for efficiently boosting photocatalytic CO2 reduction. Applied Catalysis B: Environmental, 2021, 293, 120182.	10.8	110
26	Oxygen vacancies in Bi2Sn2O7 quantum dots to trigger efficient photocatalytic nitrogen reduction. Applied Catalysis B: Environmental, 2021, 299, 120680.	10.8	40
27	Machine Learning Driven Synthesis of Few-Layered WTe₂ with Geometrical Control. Journal of the American Chemical Society, 2021, 143, 18103-18113.	6.6	30
28	Recent Advanced Materials for Electrochemical and Photoelectrochemical Synthesis of Ammonia from Dinitrogen: One Step Closer to a Sustainable Energy Future. Advanced Energy Materials, 2020, 10, 1902020.	10.2	113
29	Spaceâ€confined microwave synthesis of ternaryâ€layered BiOCl crystals with highâ€performance ultraviolet photodetection. InformaÄnÃ-MateriÃ¡ly, 2020, 2, 593-600.	8.5	32
30	Construction of ultrathin MoS2/Bi5O7I composites: Effective charge separation and increased photocatalytic activity. Journal of Colloid and Interface Science, 2020, 560, 475-484.	5.0	35
31	Construction of MIL-125(Ti)/ZnIn2S4 composites with accelerated interfacial charge transfer for boosting visible light photoreactivity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124078.	2.3	34
32	Enhanced photoelectrochemical sensing performance of graphitic carbon nitride by nitrogen vacancies engineering. Biosensors and Bioelectronics, 2020, 148, 111802.	5.3	43
33	In-situ preparation of MIL-125(Ti)/Bi2WO6 photocatalyst with accelerating charge carriers for the photodegradation of tetracycline hydrochloride. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 387, 112149.	2.0	41
34	Carbon Microtube Aerogel Derived from Kapok Fiber: An Efficient and Recyclable Sorbent for Oils and Organic Solvents. ACS Nano, 2020, 14, 595-602.	7.3	104
35	Linkage Engineering by Harnessing Supramolecular Interactions to Fabricate 2D Hydrazone-Linked Covalent Organic Framework Platforms toward Advanced Catalysis. Journal of the American Chemical Society, 2020, 142, 18138-18149.	6.6	99
36	Strain-Engineering of Bi₁₂O₁₇Br₂ Nanotubes for Boosting Photocatalytic CO₂ Reduction. , 2020, 2, 1025-1032.		82

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37	Surfactant-assisted hydrothermal synthesis of MoS2 micro-pompon structure with enhanced photocatalytic performance under visible light. Tungsten, 2020, 2, 203-213.	2.0	31
38	Atomic-level active sites steering in ultrathin photocatalysts to trigger high efficiency nitrogen fixation. Chemical Engineering Journal, 2020, 402, 126208.	6.6	40
39	An Allâ€Organic Dâ€A System for Visibleâ€Lightâ€Driven Overall Water Splitting. Small, 2020, 16, e2003914.	5.2	80
40	Phase-controllable growth of ultrathin 2D magnetic FeTe crystals. Nature Communications, 2020, 11, 3729.	5.8	120
41	Reusable Graphitic Carbon Nitride Nanosheet-Based Aerogels as Sorbents for Oils and Organic Solvents. ACS Applied Nano Materials, 2020, 3, 8176-8181.	2.4	9
42	A Tandem 0D/2D/2D NbS₂ Quantum Dot/Nb₂O₅ Nanosheet/gâ€C₃N₄ Flake System with Spatial Chargeâ€“Transfer Cascades for Boosting Photocatalytic Hydrogen Evolution. Small, 2020, 16, e2003302.	5.2	40
43	Bismuth-rich bismuth oxyhalides: a new opportunity to trigger high-efficiency photocatalysis. Journal of Materials Chemistry A, 2020, 8, 21434-21454.	5.2	84
44	Spaceâ€Confined Yolkâ€Shell Construction of Fe₃O₄ Nanoparticles Inside Nâ€Doped Hollow Mesoporous Carbon Spheres as Bifunctional Electrocatalysts for Longâ€Term Rechargeable Zincâ€“Air Batteries. Advanced Functional Materials, 2020, 30, 2005834.	7.8	119
45	Construction of NH2-MIL-125(Ti) nanoplates modified Bi2WO6 microspheres with boosted visible-light photocatalytic activity. Research on Chemical Intermediates, 2020, 46, 3311-3326.	1.3	20
46	Construction of NH2-MIL-125(Ti)/Bi2WO6 composites with accelerated charge separation for degradation of organic contaminants under visible light irradiation. Green Energy and Environment, 2020, 5, 203-213.	4.7	43
47	A three-dimensional porous MoS₂â€“PVP aerogel as a highly efficient and recyclable sorbent for oils and organic solvents. Materials Advances, 2020, 1, 760-766.	2.6	9
48	Nitrogen Reduction Reaction: Recent Advanced Materials for Electrochemical and Photoelectrochemical Synthesis of Ammonia from Dinitrogen: One Step Closer to a Sustainable Energy Future (Adv. Energy Mater. 11/2020). Advanced Energy Materials, 2020, 10, 2070049.	10.2	4
49	Charge steering in ultrathin 2D nanomaterials for photocatalysis. Journal of Materials Chemistry A, 2020, 8, 12928-12950.	5.2	44
50	Ti₃C₂T_x/Graphene Oxide Free-Standing Membranes as Modified Separators for Lithiumâ€“Sulfur Batteries with Enhanced Rate Performance. ACS Applied Energy Materials, 2020, 3, 2708-2718.	2.5	42
51	Ionic liquid induced mechanochemical synthesis of BiOBr ultrathin nanosheets at ambient temperature with superior visible-light-driven photocatalysis. Journal of Colloid and Interface Science, 2020, 574, 131-139.	5.0	32
52	Oneâ€step Mechanical Synthesis of Oxygenâ€defect Modified Ultrathin Bi₁₂O₁₇Br₂ Nanosheets for Boosting Photocatalytic Activity. ChemistrySelect, 2020, 5, 11177-11184.	0.7	9
53	New strategy towards the assembly of hierarchical heterostructures of SnO₂/ZnO for NO₂ detection at a ppb level. Inorganic Chemistry Frontiers, 2019, 6, 2801-2809.	3.0	24
54	Ultrathin graphitic carbon nitride modified PbBiO2Cl microspheres with accelerating interfacial charge transfer for the photodegradation of organic contaminants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 582, 123804.	2.3	18

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55	Bismuth Vacancy-Tuned Bismuth Oxybromide Ultrathin Nanosheets toward Photocatalytic CO₂ Reduction. ACS Applied Materials & Interfaces, 2019, 11, 30786-30792.	4.0	140
56	Isolated single atom cobalt in Bi3O4Br atomic layers to trigger efficient CO2 photoreduction. Nature Communications, 2019, 10, 2840.	5.8	327
57	Construction of NH2-UiO-66/BiOBr composites with boosted photocatalytic activity for the removal of contaminants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 579, 123625.	2.3	85
58	CQDs modified PbBiO2Cl nanosheets with improved molecular oxygen activation ability for photodegradation of organic contaminants. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111921.	2.0	17
59	Ultrathin g-C3N4 with enriched surface carbon vacancies enables highly efficient photocatalytic nitrogen fixation. Journal of Colloid and Interface Science, 2019, 553, 530-539.	5.0	112
60	Novel CNT/PbBiO2Br hybrid materials with enhanced broad spectrum photocatalytic activity toward ciprofloxacin (CIP) degradation. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111901.	2.0	31
61	In-situ preparation of iron(II) phthalocyanine modified bismuth oxybromide with enhanced visible-light photocatalytic activity and mechanism insight. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 575, 336-345.	2.3	32
62	Defectâ€Tailoring Mediated Electronâ€“Hole Separation in Singleâ€Unitâ€Cell Bi₃O₄Br Nanosheets for Boosting Photocatalytic Hydrogen Evolution and Nitrogen Fixation. Advanced Materials, 2019, 31, e1807576.	11.1	311
63	Sacrificing ionic liquid-assisted anchoring of carbonized polymer dots on perovskite-like PbBiO2Br for robust CO2 photoreduction. Applied Catalysis B: Environmental, 2019, 254, 551-559.	10.8	91
64	High-performance electrolytic oxygen evolution with a seamless armor coreâ€“shell FeCoNi oxynitride. Nanoscale, 2019, 11, 7239-7246.	2.8	28
65	Fe₂O₃ Nanoparticles Modified 2D Nâ€Doped Porous Grapheneâ€like Carbon as an Efficient and Robust Electrocatalyst for Oxygen Reduction Reaction. ChemistrySelect, 2019, 4, 4131-4139.	0.7	9
66	Sizeâ€Dependent Activity of Ironâ€Nickel Oxynitride towards Electrocatalytic Oxygen Evolution. ChemNanoMat, 2019, 5, 883-887.	1.5	5
67	Freestanding ultrathin bismuth-based materials for diversified photocatalytic applications. Journal of Materials Chemistry A, 2019, 7, 25203-25226.	5.2	90
68	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.	5.0	77
69	Ni x Co 3â€•x O 4 Nanoneedle Arrays Grown on Ni Foam as an Efficient Bifunctional Electrocatalyst for Full Water Splitting. Chemistry - an Asian Journal, 2019, 14, 480-485.	1.7	21
70	Partially etched Bi2O2CO3 by metal chloride for enhanced reactive oxygen species generation: A tale of two strategies. Applied Catalysis B: Environmental, 2019, 245, 325-333.	10.8	45
71	Improved Solar Energy Photoactivity over Defective BiOBr Ultrathin Nanosheets towards Pollutant Removal and Oxygen Evolution. ChemNanoMat, 2019, 5, 215-223.	1.5	9
72	Controllable synthesis of FeWO4/BiOBr in reactive ionic liquid with effective charge separation towards photocatalytic pollutant removal. Research on Chemical Intermediates, 2019, 45, 437-451.	1.3	5

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73	Ultrathin two-dimensional materials for photo- and electrocatalytic hydrogen evolution. Materials Today, 2018, 21, 749-770.	8.3	228
74	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.	5.0	66
75	Controlled preparation of MoS2/PbBiO2I hybrid microspheres with enhanced visible-light photocatalytic behaviour. Journal of Colloid and Interface Science, 2018, 517, 278-287.	5.0	38
76	High-Capacity and Long-Cycle Life Aqueous Rechargeable Lithium-Ion Battery with the FePO₄ Anode. ACS Applied Materials & Interfaces, 2018, 10, 7061-7068.	4.0	34
77	SBA-15 supported molybdenum oxide towards efficient catalytic oxidative desulfurization: effect of calcination temperature of catalysts. Journal of the Chinese Advanced Materials Society, 2018, 6, 44-54.	0.7	5
78	A sensitive signal-on photoelectrochemical sensor for tetracycline determination using visible-light-driven flower-like CN/BiOBr composites. Biosensors and Bioelectronics, 2018, 111, 74-81.	5.3	115
79	Graphene-like boron nitride induced accelerated charge transfer for boosting the photocatalytic behavior of Bi4O5I2 towards bisphenol a removal. Chemical Engineering Journal, 2018, 331, 355-363.	6.6	111
80	Construction of solidâ€“liquid interfacial Fenton-like reaction under visible light irradiation over etched CoxFeyO4â€“BiOBr photocatalysts. Catalysis Science and Technology, 2018, 8, 551-561.	2.1	22
81	Metal ion-containing ionic liquid assisted synthesis and enhanced photoelectrochemical performance of g-C₃N₄/ZnO composites. Materials Technology, 2018, 33, 185-192.	1.5	7
82	The CoMo-LDH ultrathin nanosheet as a highly active and bifunctional electrocatalyst for overall water splitting. Inorganic Chemistry Frontiers, 2018, 5, 2964-2970.	3.0	76
83	Defectâ€Rich Bi₁₂O₁₇Cl₂ Nanotubes Selfâ€Accelerating Charge Separation for Boosting Photocatalytic CO₂ Reduction. Angewandte Chemie, 2018, 130, 15063-15067.	1.6	38
84	Defectâ€Rich Bi₁₂O₁₇Cl₂ Nanotubes Selfâ€Accelerating Charge Separation for Boosting Photocatalytic CO₂ Reduction. Angewandte Chemie - International Edition, 2018, 57, 14847-14851.	7.2	329
85	Bismuth vacancy mediated single unit cell Bi2WO6 nanosheets for boosting photocatalytic oxygen evolution. Applied Catalysis B: Environmental, 2018, 238, 119-125.	10.8	173
86	Surface Defect Engineering in 2D Nanomaterials for Photocatalysis. Advanced Functional Materials, 2018, 28, 1801983.	7.8	472
87	Exploitation of a photoelectrochemical sensing platform for catechol quantitative determination using BiPO4 nanocrystals/BiOI heterojunction. Analytica Chimica Acta, 2018, 1042, 11-19.	2.6	25
88	Graphene-Analogue Boron Nitride Modified Bismuth Oxyiodide with Increased Visible-Light Photocatalytic Performance. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800146.	0.8	2
89	Enhanced reactive oxygen species activation for building carbon quantum dots modified Bi5O7I nanorod composites and optimized visible-light-response photocatalytic performance. Journal of Colloid and Interface Science, 2018, 532, 727-737.	5.0	34
90	S, N Codoped Graphene Quantum Dots Embedded in (BiO)₂CO₃: Incorporating Enzymatic-like Catalysis in Photocatalysis. ACS Sustainable Chemistry and Engineering, 2018, 6, 10229-10240.	3.2	55

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91	Controlled synthesis of novel PbBiO2I microsphere structure towards photocatalytic degradation of bisphenol A. Research on Chemical Intermediates, 2018, 44, 5879-5891.	1.3	5
92	N-CQDs accelerating surface charge transfer of Bi4O5I2 hollow nanotubes with broad spectrum photocatalytic activity. Applied Catalysis B: Environmental, 2018, 237, 1033-1043.	10.8	112
93	Ultrathin 2D Photocatalysts: Electronicâ€Structure Tailoring, Hybridization, and Applications. Advanced Materials, 2018, 30, 1704548.	11.1	409
94	One-pot ionic liquid-assisted strategy for GO/BiOI hybrids with superior visible-driven photocatalysis and mechanism research. Materials Technology, 2017, 32, 131-139.	1.5	6
95	Improved photocatalytic activity of few-layer Bi4O5I2 nanosheets induced by efficient charge separation and lower valence position. Journal of Alloys and Compounds, 2017, 695, 922-930.	2.8	68
96	Graphene-like boron nitride modified bismuth phosphate materials for boosting photocatalytic degradation of enrofloxacin. Journal of Colloid and Interface Science, 2017, 492, 51-60.	5.0	59
97	Photoelectrochemical sensing of bisphenol a based on graphitic carbon nitride/bismuth oxyiodine composites. RSC Advances, 2017, 7, 7929-7935.	1.7	23
98	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.	3.1	111
99	Freestanding atomically-thin two-dimensional materials beyond graphene meeting photocatalysis: Opportunities and challenges. Nano Energy, 2017, 35, 79-91.	8.2	179
100	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.	5.0	6
101	Tunable oxygen activation induced by oxygen defects in nitrogen doped carbon quantum dots for sustainable boosting photocatalysis. Carbon, 2017, 114, 601-607.	5.4	86
102	Bismuth oxyhalide layered materials for energy and environmental applications. Nano Energy, 2017, 41, 172-192.	8.2	413
103	Novel mesoporous graphitic carbon nitride modified PbBiO2Br porous microspheres with enhanced photocatalytic performance. Journal of Colloid and Interface Science, 2017, 507, 310-322.	5.0	31
104	Biomass willow catkin-derived Co₃O₄/N-doped hollow hierarchical porous carbon microtubes as an effective tri-functional electrocatalyst. Journal of Materials Chemistry A, 2017, 5, 20170-20179.	5.2	102
105	Defect engineering in atomically-thin bismuth oxychloride towards photocatalytic oxygen evolution. Journal of Materials Chemistry A, 2017, 5, 14144-14151.	5.2	107
106	Controllable synthesis of perovskite-like PbBiO₂Cl hollow microspheres with enhanced photocatalytic activity for antibiotic removal. CrystEngComm, 2017, 19, 4777-4788.	1.3	28
107	La3+ doped BiOBr microsphere with enhanced visible light photocatalytic activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 513, 160-167.	2.3	55
108	Hexacyanoferrateâ€based ionic liquids as Fentonâ€like catalysts for deep oxidative desulfurization of fuels. Applied Organometallic Chemistry, 2016, 30, 753-758.	1.7	15

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109	Synthesis of Multiwalled Carbon Nanotube Modified BiOCl Microspheres with Enhanced Visibleâ€Light Response Photoactivity. Clean - Soil, Air, Water, 2016, 44, 781-787.	0.7	18
110	Fe₃O₄â€Decorated Co₉S₈ Nanoparticles In Situ Grown on Reduced Graphene Oxide: A New and Efficient Electrocatalyst for Oxygen Evolution Reaction. Advanced Functional Materials, 2016, 26, 4712-4721.	7.8	348
111	Constructing confined surface carbon defects in ultrathin graphitic carbon nitride for photocatalytic free radical manipulation. Carbon, 2016, 107, 1-10.	5.4	159
112	Ionic liquid-assisted strategy for bismuth-rich bismuth oxybromides nanosheets with superior visible light-driven photocatalytic removal of bisphenol-A. Journal of Colloid and Interface Science, 2016, 473, 112-119.	5.0	43
113	Graphene-like BN/BiOBr composite: synthesis via a reactable ionic liquid and enhanced visible light photocatalytic performance. Materials Technology, 2016, 31, 463-470.	1.5	4
114	TiO₂ microspheres supported polyoxometalate-based ionic liquids induced catalytic oxidative deep-desulfurization. RSC Advances, 2016, 6, 42402-42412.	1.7	43
115	Bi 4 O 5 Br 2 ultrasmall nanosheets in situ strong coupling to MWCNT and improved photocatalytic activity for tetracycline hydrochloride degradation. Journal of Molecular Catalysis A, 2016, 424, 331-341.	4.8	52
116	Graphitic carbon nitride/BiOCl composites for sensitive photoelectrochemical detection of ciprofloxacin. Journal of Colloid and Interface Science, 2016, 483, 241-248.	5.0	63
117	Facile synthesis of few-layered MoS 2 modified BiOI with enhanced visible-light photocatalytic activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 511, 1-7.	2.3	43
118	Photoelectrochemical sensing of 4-chlorophenol based on Au/BiOCl nanocomposites. Talanta, 2016, 156-157, 257-264.	2.9	40
119	Ionic liquid-assisted bidirectional regulation strategy for carbon quantum dots (CQDs)/Bi4O5I2 nanomaterials and enhanced photocatalytic properties. Journal of Colloid and Interface Science, 2016, 478, 324-333.	5.0	51
120	The selectivity for sulfur removal from oils: An insight from conceptual density functional theory. AICHE Journal, 2016, 62, 2087-2100.	1.8	192
121	Carbon quantum dots in situ coupling to bismuth oxyiodide via reactable ionic liquid with enhanced photocatalytic molecular oxygen activation performance. Carbon, 2016, 98, 613-623.	5.4	123
122	Carbon Quantum Dots Induced Ultrasmall BiOI Nanosheets with Assembled Hollow Structures for Broad Spectrum Photocatalytic Activity and Mechanism Insight. Langmuir, 2016, 32, 2075-2084.	1.6	136
123	Bidirectional acceleration of carrier separation spatially via N-CQDs/atomically-thin BiOI nanosheets nanojunctions for manipulating active species in a photocatalytic process. Journal of Materials Chemistry A, 2016, 4, 5051-5061.	5.2	126
124	Ionic liquid-assisted synthesis and improved photocatalytic activity of p-n junction g-C3N4/BiOCl. Journal of Materials Science, 2016, 51, 4769-4777.	1.7	65
125	New insight of Ag quantum dots with the improved molecular oxygen activation ability for photocatalytic applications. Applied Catalysis B: Environmental, 2016, 188, 376-387.	10.8	131
126	A simple and cost-effective extractive desulfurization process with novel deep eutectic solvents. RSC Advances, 2016, 6, 30345-30352.	1.7	51

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127	Ionic liquid-induced strategy for carbon quantum dots/BiOX (X = Br, Cl) hybrid nanosheets with superior visible light-driven photocatalysis. Applied Catalysis B: Environmental, 2016, 181, 260-269.	10.8	380
128	The synergistic role of carbon quantum dots for the improved photocatalytic performance of Bi₂MoO₆. Nanoscale, 2015, 7, 11433-11443.	2.8	306
129	In situ growth of Ag/AgCl on the surface of CNT and the effect of CNT on the photoactivity of the composite. New Journal of Chemistry, 2015, 39, 5540-5547.	1.4	15
130	Light irradiation induced aerobic oxidative deep-desulfurization of fuel in ionic liquid. RSC Advances, 2015, 5, 99927-99934.	1.7	9
131	The enhanced visible light photocatalytic activity of yttrium-doped BiOBr synthesized via a reactable ionic liquid. Applied Surface Science, 2015, 331, 170-178.	3.1	50
132	Significant improvement of photocatalytic activity of porous graphitic-carbon nitride/bismuth oxybromide microspheres synthesized in an ionic liquid by microwave-assisted processing. Materials Science in Semiconductor Processing, 2015, 32, 117-124.	1.9	15
133	High yield synthesis of nano-size g-C₃N₄ derivatives by a dissolve-regrowth method with enhanced photocatalytic ability. RSC Advances, 2015, 5, 26281-26290.	1.7	51
134	Controllable synthesis of Bi₄O₅Br₂ ultrathin nanosheets for photocatalytic removal of ciprofloxacin and mechanism insight. Journal of Materials Chemistry A, 2015, 3, 15108-15118.	5.2	202
135	Fabrication of functional dual-mesoporous silicas by using peroxo-tungstate ionic liquid and their applications in oxidative desulfurization. Journal of Porous Materials, 2015, 22, 1227-1233.	1.3	5
136	A DFT Study of the Extractive Desulfurization Mechanism by [BMIM]⁺[AlCl₄]^{â^'} Ionic Liquid. Journal of Physical Chemistry B, 2015, 119, 5995-6009.	1.2	88
137	Theoretical investigation of the interaction between aromatic sulfur compounds and [BMIM]+[FeCl4]â^' ionic liquid in desulfurization: A novel charge transfer mechanism. Journal of Molecular Graphics and Modelling, 2015, 59, 40-49.	1.3	34
138	Synthesis of magnetic CoFe2O4/g-C3N4 composite and its enhancement of photocatalytic ability under visible-light. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 478, 71-80.	2.3	253
139	Preparation of magnetic Ag/AgCl/CoFe₂O₄ composites with high photocatalytic and antibacterial ability. RSC Advances, 2015, 5, 41475-41483.	1.7	32
140	Microwave-assisted synthesis of few-layered MoS2/BiOBr hollow microspheres with superior visible-light-response photocatalytic activity for ciprofloxacin removal. CrystEngComm, 2015, 17, 3645-3651.	1.3	57
141	Theoretical evidence of charge transfer interaction between SO₂and deep eutectic solvents formed by choline chloride and glycerol. Physical Chemistry Chemical Physics, 2015, 17, 28729-28742.	1.3	80
142	Carbon Quantum Dots Modified BiOCl Ultrathin Nanosheets with Enhanced Molecular Oxygen Activation Ability for Broad Spectrum Photocatalytic Properties and Mechanism Insight. ACS Applied Materials & Interfaces, 2015, 7, 20111-20123.	4.0	302
143	One-pot synthesis of ordered mesoporous silica encapsulated polyoxometalate-based ionic liquids induced efficient desulfurization of organosulfur in fuel. RSC Advances, 2015, 5, 76048-76056.	1.7	19
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