Xiaoli Dong

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7368682/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Fabrication of In2O3/In2S3 microsphere heterostructures for efficient and stable photocatalytic nitrogen fixation. Applied Catalysis B: Environmental, 2019, 257, 117932.	20.2	193
2	Hydrogenated Bismuth Molybdate Nanoframe for Efficient Sunlightâ€Đriven Nitrogen Fixation from Air. Chemistry - A European Journal, 2016, 22, 18722-18728.	3.3	92
3	Graphitic Carbon Nitride with Carbon Vacancies for Photocatalytic Degradation of Bisphenol A. ACS Applied Nano Materials, 2019, 2, 517-524.	5.0	92
4	Activation of peroxymonosulfate by CoFe2O4 loaded on metal-organic framework for the degradation of organic dye. Chemosphere, 2020, 241, 125021.	8.2	84
5	Synthesis of visible-light responsive Sn-SnO2/C photocatalyst by simple carbothermal reduction. Energy and Environmental Science, 2011, 4, 3067.	30.8	79
6	Enhanced peroxymonosulfate activation on dual active sites of N vacancy modified g-C3N4 under visible-light assistance and its selective removal of organic pollutants. Science of the Total Environment, 2021, 756, 144139.	8.0	74
7	Controllable electrostatic self-assembly of sub-3 nm graphene quantum dots incorporated into mesoporous Bi ₂ MoO ₆ frameworks: efficient physical and chemical simultaneous co-catalysis for photocatalytic oxidation. Journal of Materials Chemistry A, 2016, 4, 8298-8307.	10.3	71
8	Controllable self-assembly of a novel Bi ₂ MoO ₆ -based hybrid photocatalyst: excellent photocatalytic activity under UV, visible and near-infrared irradiation. Chemical Communications, 2016, 52, 6525-6528.	4.1	62
9	Bi-modified 3D BiOBr microsphere with oxygen vacancies for efficient visible-light photocatalytic performance. Journal of Materials Science, 2019, 54, 9397-9413.	3.7	61
10	Molybdenum disulfide with enlarged interlayer spacing decorated on reduced graphene oxide for efficient electrocatalytic hydrogen evolution. Journal of Materials Science, 2020, 55, 6637-6647.	3.7	59
11	Synthesis, characterization and photocatalytic activity of Cu-doped Zn/ZnO photocatalyst with carbon modification. Journal of Materials Chemistry, 2012, 22, 23780.	6.7	56
12	Indium sulfide nanotubes with sulfur vacancies as an efficient photocatalyst for nitrogen fixation. RSC Advances, 2019, 9, 21646-21652.	3.6	56
13	Synthesis of plasmonic bismuth metal deposited InVO ₄ nanosheets for enhancing solar light-driven photocatalytic nitrogen fixation. Sustainable Energy and Fuels, 2020, 4, 1855-1862.	4.9	55
14	Fabrication of PbO2 tipped Co3O4 nanowires for efficient photoelectrochemical decolorization of dye (reactive brilliant blue KN-R) wastewater. Solar Energy Materials and Solar Cells, 2019, 191, 381-388.	6.2	51
15	Green and controllable synthesis of one-dimensional Bi2O3/BiOI heterojunction for highly efficient visible-light-driven photocatalytic reduction of Cr(VI). Chemosphere, 2020, 257, 127210.	8.2	47
16	Synthesis of Zeolite of Type A from Bentonite by Alkali Fusion Activation Using Na ₂ CO ₃ . Industrial & Engineering Chemistry Research, 2010, 49, 454-458.	3.7	45
17	In situ plasmonic Bi grown on Iâ^' doped Bi2WO6 for enhanced visible-light-driven photocatalysis to mineralize diverse refractory organic pollutants. Separation and Purification Technology, 2020, 250, 117119.	7.9	45
18	Highly ordered mesoporous BiVO4: Controllable ordering degree and super photocatalytic ability under visible light. Microporous and Mesoporous Materials, 2013, 173, 175-180.	4.4	41

Xiaoli Dong

#	Article	IF	CITATIONS
19	Improved Electrical and Mechanical Properties for the Reduced Graphene Oxide-Decorated Polymer Nanofiber Composite with a Core–Shell Structure. Industrial & Engineering Chemistry Research, 2019, 58, 15470-15478.	3.7	41
20	Enhancement of the electrocatalytic oxidation of dyeing wastewater (reactive brilliant blue KN-R) over the Ce-modified Ti-PbO2 electrode with surface hydrophobicity. Journal of Solid State Electrochemistry, 2019, 23, 847-859.	2.5	40
21	Ultra-thin C ₃ N ₄ nanosheets for rapid charge transfer in the core–shell heterojunction of α-sulfur@C ₃ N ₄ for superior metal-free photocatalysis under visible light. RSC Advances, 2015, 5, 15052-15058.	3.6	39
22	Efficient photocatalytic dye degradation over Er-doped BiOBr hollow microspheres wrapped with graphene nanosheets: enhanced solar energyÂharvesting and charge separation. RSC Advances, 2017, 7, 22415-22423.	3.6	39
23	A novel supramolecular preorganization route for improving g-C ₃ N ₄ /g-C ₃ N ₄ metal-free homojunction photocatalysis. New Journal of Chemistry, 2017, 41, 11872-11880.	2.8	37
24	Efficient solar-driven conversion of nitrogen to ammonia in pure water <i>via</i> hydrogenated bismuth oxybromide. RSC Advances, 2018, 8, 21871-21878.	3.6	37
25	Bismuth-rich bismuth oxyiodide microspheres with abundant oxygen vacancies as an efficient photocatalyst for nitrogen fixation. Dalton Transactions, 2020, 49, 9123-9129.	3.3	37
26	Flexible Carboxylated CNT/PA66 Nanofibrous Mat Interleaved Carbon Fiber/Epoxy Laminates with Improved Interlaminar Fracture Toughness and Flexural Properties. Industrial & Engineering Chemistry Research, 2020, 59, 1151-1158.	3.7	37
27	Engineering Cationic Sulfur-Doped Co ₃ O ₄ Architectures with Exposing High-Reactive (112) Facets for Photoelectrocatalytic Water Purification. ACS Applied Materials & Interfaces, 2021, 13, 8405-8416.	8.0	37
28	Enhanced activation of peroxymonosulfate by nitrogen-doped graphene/TiO2 under photo-assistance for organic pollutants degradation: Insight into N doping mechanism. Chemosphere, 2020, 244, 125526.	8.2	35
29	Carbon quantum dots decorated BiVO4 quantum tube with enhanced photocatalytic performance for efficient degradation of organic pollutants under visible and near-infrared light. Journal of Materials Science, 2019, 54, 6488-6499.	3.7	34
30	Confining peroxymonosulfate activation in carbon nanotube intercalated nitrogen doped reduced graphene oxide membrane for enhanced water treatment: The role of nanoconfinement effect. Journal of Colloid and Interface Science, 2022, 608, 2740-2751.	9.4	32
31	Black TiO ₂ nanotube arrays fabricated by electrochemical self-doping and their photoelectrochemical performance. RSC Advances, 2018, 8, 18992-19000.	3.6	31
32	Preparation of β-Bi2O3/g-C3N4 nanosheet p–n junction for enhanced photocatalytic ability under visible light illumination. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	30
33	Ag nanoparticles deposited on oxygen-vacancy-containing BiVO 4 for enhanced near-infrared photocatalytic activity. Chinese Journal of Catalysis, 2018, 39, 128-137.	14.0	27
34	One-step in-situ synthesis of Bi-decorated BiOBr microspheres with abundant oxygen vacancies for enhanced photocatalytic nitrogen fixation properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 623, 126744.	4.7	27
35	Photoelectrocatalytic performance of conductive carbon black-modified Ti/F-PbO2 anode for degradation of dye wastewater (reactive brilliant blue KN-R). Journal of Solid State Electrochemistry, 2018, 22, 1131-1141.	2.5	24
36	Photonic crystal coupled porous BiVO ₄ hybrid for efficient photocatalysis under visible light irradiation. Journal of Materials Chemistry A, 2014, 2, 17366-17370.	10.3	23

XIAOLI DONG

#	Article	IF	CITATIONS
37	One-pot synthesis of SnS2/In2S3 heterostructures for efficient photocatalysis. Applied Surface Science, 2022, 579, 152088.	6.1	23
38	Controllable fabrication of sulfur-vacancy-rich Bi2S3 nanorods with efficient near-infrared light photocatalytic for nitrogen fixation. Applied Surface Science, 2022, 591, 153205.	6.1	23
39	Synthesis and properties of magnetically separable Fe3O4/TiO2/Bi2O3 photocatalysts. Research on Chemical Intermediates, 2014, 40, 2953-2961.	2.7	21
40	Synthesis and enhanced photoreactivity of metallic Bi-decorated BiOBr composites with abundant oxygen vacancies. Journal of Materials Science: Materials in Electronics, 2015, 26, 10002-10011.	2.2	21
41	Towards understanding the photocatalytic activity enhancement of ordered mesoporous Bi ₂ MoO ₆ crystals prepared via a novel vacuum-assisted nanocasting method. RSC Advances, 2016, 6, 35709-35718.	3.6	21
42	Highly Enhanced Photoelectrocatalytic Oxidation via Cooperative Effect of Neighboring Two Different Metal Oxides for Water Purification. Journal of Physical Chemistry C, 2020, 124, 11525-11535.	3.1	21
43	Application of flexible PAN/BiOBr-Cl microfibers as self-supporting and highly active photocatalysts for nitrogen fixation and dye degradation. Applied Surface Science, 2022, 575, 151743.	6.1	21
44	Hydrothermal carbonation carbon-based photocatalysis under visible light: Modification for enhanced removal of organic pollutant and novel insight into the photocatalytic mechanism. Journal of Hazardous Materials, 2022, 426, 127821.	12.4	20
45	Synthesis and catalytic performance of hierarchical TiO 2 hollow sphere/reduced graphene oxide hybrid nanostructures. Journal of Alloys and Compounds, 2016, 656, 181-188.	5.5	19
46	Controlling the up-conversion photoluminescence property of carbon quantum dots (CQDs) by modifying its surface functional groups for enhanced photocatalytic performance of CQDs/BiVO4 under a broad-spectrum irradiation. Research on Chemical Intermediates, 2021, 47, 3469-3485.	2.7	18
47	Facile construction of a hierarchical Bi@BiOBr–Bi ₂ MoO ₆ ternary heterojunction with abundant oxygen vacancies for excellent photocatalytic nitrogen fixation. Sustainable Energy and Fuels, 2021, 5, 2927-2933.	4.9	18
48	Construction of Au@TiO2/graphene nanocomposites with plasmonic effect and super adsorption ability for enhanced visible-light-driven photocatalytic organic pollutant degradation. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	17
49	Preparation of BiOBr by solvothermal routes with different solvents and their photocatalytic activity. Journal of Renewable and Sustainable Energy, 2015, 7, 063120.	2.0	17
50	Structuring porous "sponge-like―BiVO4 film for efficient photocatalysis under visible light illumination. Journal of Colloid and Interface Science, 2013, 393, 126-129.	9.4	16
51	Interfacial defect engineering over fusiform bismuth vanadate photocatalyst enables to excellent solar-to-chemical energy coupling. RSC Advances, 2017, 7, 26717-26721.	3.6	16
52	Study on the fabrication and photoelectrochemical performance of the Fâ ^{^,} doped Ti/Co3O4 electrodes with n-type semiconductor characteristics. Journal of Solid State Electrochemistry, 2019, 23, 1767-1777.	2.5	16
53	Synthesis of a BiOCl _{1â^'x} Br _x @AgBr heterostructure with enhanced photocatalytic activity under visible light. RSC Advances, 2018, 8, 16513-16520.	3.6	15
54	Fabrication of Ti/black TiO2-PbO2 micro/nanostructures with tunable hydrophobic/hydrophilic characteristics and their photoelectrocatalytic performance. Journal of Solid State Electrochemistry, 2020, 24, 375-387.	2.5	14

XIAOLI DONG

#	Article	IF	CITATIONS
55	Novel visible-light irradiation niobium-doped BiOBr microspheres with enhanced photocatalytic performance. Journal of Materials Science, 2020, 55, 16522-16532.	3.7	14
56	Oneâ€Pot Solvothermal Synthesis of Flowerâ€Like Sâ€Doped BiOCl for Enhanced Photocatalytic Property in Dye Degradation and Nitrogen Fixation. ChemistrySelect, 2021, 6, 5771-5777.	1.5	14
57	Ultrasonic synthesis and photocatalytic characterization of H3PW12O40/TiO2 (anatase). Ultrasonics Sonochemistry, 2010, 17, 649-653.	8.2	11
58	Incorporation of graphene nanodots and oxygen defects triggers robust coupling between solar energy and reactive oxygen. Journal of Materials Chemistry A, 2017, 5, 5426-5435.	10.3	11
59	Mesoporous Bi2WO6 sheets synthesized via a sol–gel freeze-drying method with excellent photocatalytic performance. Journal of Sol-Gel Science and Technology, 2017, 82, 101-108.	2.4	11
60	The controllable fabrication of a novel hierarchical nanosheet-assembled Bi ₂ MoO ₆ hollow micronbox with ultra-high surface area for excellent solar to chemical energy conversion. RSC Advances, 2017, 7, 50040-50043.	3.6	11
61	Fabrication and photo-electrocatalytic activity of black TiO2 embedded Ti/PbO2 electrode. Journal of Applied Electrochemistry, 2017, 47, 1045-1056.	2.9	11
62	Ultrathin-nanosheet-assembled Bi2MoO6 mesoporous hollow framework for realizing optimized sunlight-driven photocatalytic water oxidation. RSC Advances, 2016, 6, 102155-102158.	3.6	10
63	Controllable Synthesis of MoS ₂ /Carbon Nanotube Hybrids with Enlarged Interlayer Spacings for Efficient Electrocatalytic Hydrogen Evolution. ChemistrySelect, 2020, 5, 13603-13608.	1.5	10
64	Graphene oxide-promoted Ti/PbO2 photoanode with photoelectric synergy effect for efficient photoelectrocatalytic degradation of reactive brilliant blue. Journal of Materials Science, 2021, 56, 4741-4752.	3.7	10
65	Hierarchical polyurethane/RGO/BiOI fiber composite as flexible, self-supporting and recyclable photocatalysts for RhB degradation under visible light. Journal of Industrial and Engineering Chemistry, 2022, 108, 109-117.	5.8	10
66	Preparation of Ni Doped ZnO-TiO ₂ Composites and Their Enhanced Photocatalytic Activity. International Journal of Photoenergy, 2014, 2014, 1-8.	2.5	9
67	The p–n heterojunction with porous BiVO ₄ framework and well-distributed Co ₃ O ₄ as a super visible-light-driven photocatalyst. RSC Advances, 2014, 4, 54655-54661.	3.6	9
68	Multilayered TiO ₂ @SnO ₂ hollow nanostructures: facile synthesis and enhanced photocatalytic performance. RSC Advances, 2014, 4, 59503-59507.	3.6	9
69	Conductive graphite nanoplatelets (GNPs)/polyethersulfone (PES) composites with inter-connective porous structure for chemical vapor sensing. Composites Science and Technology, 2019, 184, 107883.	7.8	9
70	Fabrication and photoelectrocatalytic performance of C3N4-modified Ti/PbO2 anode with surface hydrophobicity. Journal of Solid State Electrochemistry, 2020, 24, 1577-1585.	2.5	9
71	Consecutive metal oxides with self-supported nanoarchitecture achieves highly stable and enhanced photoelectrocatalytic oxidation for water purification. Journal of Solid State Electrochemistry, 2021, 25, 1083-1092.	2.5	9
72	N-Doping of Graphene Aerogel as a Multifunctional Air Cathode for Microbial Fuel Cells. ACS Applied Materials & amp; Interfaces, 2021, 13, 51312-51320.	8.0	9

Xiaoli Dong

#	Article	IF	CITATIONS
73	Study of the sulfurized (BiO)2CO3 as efficient visible-light induced photocatalyst. Journal of Materials Science: Materials in Electronics, 2015, 26, 7882-7888.	2.2	8
74	Synthesis of a hydrophilic α-sulfur/PDA composite as a metal-free photocatalyst with enhanced photocatalytic performance under visible light. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 334-338.	2.2	8
75	Polyvinylidene fluoride effects on the electrocatalytic properties of air cathodes in microbial fuel cells. Bioelectrochemistry, 2018, 120, 138-144.	4.6	8
76	<i>In situ</i> fabrication of self-assembled BiOBr _x l _{1â^'x} coated on carbon nanofibers for efficient solar light-driven photocatalytic nitrogen fixation. Sustainable Energy and Fuels, 2020, 4, 6196-6202.	4.9	8
77	Improved photocatalytic reactivity of ZnO photocatalysts decorated with Ni and their magnetic recoverability. Journal of Materials Research, 2015, 30, 1902-1913.	2.6	6
78	Improved Visible Light Photocatalytic Activity for TiO2Nanomaterials by Codoping with Zinc and Sulfur. Journal of Nanomaterials, 2015, 2015, 1-8.	2.7	6
79	Degradation of organic dye wastewater by H2O2-enhanced aluminum carbon micro-electrolysis. Environmental Science and Pollution Research, 2022, 29, 72586-72597.	5.3	6
80	Preparation and Photoelectrocatalytic Performance of Ti/PbO 2 Electrodes Modified with Ti 4 O 7. ChemistrySelect, 2018, 3, 5098-5105.	1.5	4
81	Preparation, Characterization and Photocatalytic Properties of BiPO ₄ Decorated with Ag/AgBr. Journal of Chemical Engineering of Japan, 2016, 49, 366-371.	0.6	3
82	The Role of Graphene Oxide in Ag3PO4/graphene Oxide Composites for Enhanced Visible-light-driven Photocatalytic Ability. Journal of Advanced Oxidation Technologies, 2016, 19, .	0.5	3
83	Influence of Bi2MoO6 decoration on the structure and photo-reactivity of (BiO)2CO3 photocatalyst. Journal of Materials Science: Materials in Electronics, 2016, 27, 4598-4606.	2.2	3
84	Bi doping into Ti/Co3O4 NWs (nanowires) for improved photoelectrochemical decolorization of dyeing wastewater (reactive brilliant blue KN-R). Journal of Materials Science: Materials in Electronics, 2020, 31, 9504-9513.	2.2	3
85	Preparation of Mesoporous BiVO4 for Efficient Photocatalytic Degradation of RhB Under Illuminated Visible Light. Journal of Advanced Oxidation Technologies, 2014, 17, .	0.5	2
86	Controllable Fabrication of Ordered Mesoporous Bi2WO6and Its High Photocatalytic Activity under Visible Light. International Journal of Photoenergy, 2014, 2014, 1-7.	2.5	1
87	Bi-doped TiO2 with Remarkably Enhanced Photocatalytic Activity Under Simulated Sunlight Induced by Increased Hydrophilicity and Light Absorption Ability. Journal of Advanced Oxidation Technologies, 2014, 17, .	0.5	1