

Xiaoli Dong

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7368682/xiaoli-dong-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86

papers

1,501

citations

23

h-index

34

g-index

88

ext. papers

1,961

ext. citations

5.5

avg. IF

5.21

L-index

#	Paper	IF	Citations
86	Fabrication of In ₂ O ₃ /In ₂ S ₃ microsphere heterostructures for efficient and stable photocatalytic nitrogen fixation. <i>Applied Catalysis B: Environmental</i> , 2019 , 257, 117932	21.8	105
85	Hydrogenated Bismuth Molybdate Nanoframe for Efficient Sunlight-Driven Nitrogen Fixation from Air. <i>Chemistry - A European Journal</i> , 2016 , 22, 18722-18728	4.8	73
84	Synthesis of visible-light responsive Sn-SnO ₂ /C photocatalyst by simple carbothermal reduction. <i>Energy and Environmental Science</i> , 2011 , 4, 3067	35.4	67
83	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. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 8298-8307	13	66
82	Controllable self-assembly of a novel Bi ₂ MoO ₆ -based hybrid photocatalyst: excellent photocatalytic activity under UV, visible and near-infrared irradiation. <i>Chemical Communications</i> , 2016 , 52, 6525-8	5.8	57
81	Graphitic Carbon Nitride with Carbon Vacancies for Photocatalytic Degradation of Bisphenol A. <i>ACS Applied Nano Materials</i> , 2019 , 2, 517-524	5.6	46
80	Synthesis, characterization and photocatalytic activity of Cu-doped Zn/ZnO photocatalyst with carbon modification. <i>Journal of Materials Chemistry</i> , 2012 , 22, 23780		45
79	Activation of peroxydisulfate by CoFeO loaded on metal-organic framework for the degradation of organic dye. <i>Chemosphere</i> , 2020 , 241, 125021	8.4	45
78	Highly ordered mesoporous BiVO ₄ : Controllable ordering degree and super photocatalytic ability under visible light. <i>Microporous and Mesoporous Materials</i> , 2013 , 173, 175-180	5.3	39
77	Ultra-thin C ₃ N ₄ nanosheets for rapid charge transfer in the core-shell heterojunction of Sulfur@C ₃ N ₄ for superior metal-free photocatalysis under visible light. <i>RSC Advances</i> , 2015 , 5, 15052-15058	3.7	35
76	Efficient photocatalytic dye degradation over Er-doped BiOBr hollow microspheres wrapped with graphene nanosheets: enhanced solar energy harvesting and charge separation. <i>RSC Advances</i> , 2017 , 7, 22415-22423	3.7	34
75	Bi-modified 3D BiOBr microsphere with oxygen vacancies for efficient visible-light photocatalytic performance. <i>Journal of Materials Science</i> , 2019 , 54, 9397-9413	4.3	34
74	Fabrication of PbO ₂ tipped Co ₃ O ₄ nanowires for efficient photoelectrochemical decolorization of dye (reactive brilliant blue KN-R) wastewater. <i>Solar Energy Materials and Solar Cells</i> , 2019 , 191, 381-388	6.4	34
73	Synthesis of Zeolite of Type A from Bentonite by Alkali Fusion Activation Using Na ₂ CO ₃ . <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 454-458	3.9	33
72	Preparation of Bi ₂ O ₃ /g-C ₃ N ₄ nanosheet p-n junction for enhanced photocatalytic ability under visible light illumination. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	26
71	Enhanced peroxydisulfate activation on dual active sites of N vacancy modified g-CN under visible-light assistance and its selective removal of organic pollutants. <i>Science of the Total Environment</i> , 2021 , 756, 144139	10.2	26
70	Efficient solar-driven conversion of nitrogen to ammonia in pure water hydrogenated bismuth oxybromide.. <i>RSC Advances</i> , 2018 , 8, 21871-21878	3.7	25

69	Indium sulfide nanotubes with sulfur vacancies as an efficient photocatalyst for nitrogen fixation.. <i>RSC Advances</i> , 2019 , 9, 21646-21652	3.7	25
68	Green and controllable synthesis of one-dimensional BiO/BiOI heterojunction for highly efficient visible-light-driven photocatalytic reduction of Cr(VI). <i>Chemosphere</i> , 2020 , 257, 127210	8.4	24
67	Synthesis of plasmonic bismuth metal deposited InVO ₄ nanosheets for enhancing solar light-driven photocatalytic nitrogen fixation. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 1855-1862	5.8	24
66	Enhancement of the electrocatalytic oxidation of dyeing wastewater (reactive brilliant blue KN-R) over the Ce-modified Ti-PbO ₂ electrode with surface hydrophobicity. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 847-859	2.6	24
65	Bismuth-rich bismuth oxyiodide microspheres with abundant oxygen vacancies as an efficient photocatalyst for nitrogen fixation. <i>Dalton Transactions</i> , 2020 , 49, 9123-9129	4.3	23
64	Molybdenum disulfide with enlarged interlayer spacing decorated on reduced graphene oxide for efficient electrocatalytic hydrogen evolution. <i>Journal of Materials Science</i> , 2020 , 55, 6637-6647	4.3	23
63	Improved Electrical and Mechanical Properties for the Reduced Graphene Oxide-Decorated Polymer Nanofiber Composite with a CoreShell Structure. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 15470-15478	3.9	22
62	Photonic crystal coupled porous BiVO ₄ hybrid for efficient photocatalysis under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 17366-17370	13	21
61	A novel supramolecular preorganization route for improving g-C ₃ N ₄ /g-C ₃ N ₄ metal-free homojunction photocatalysis. <i>New Journal of Chemistry</i> , 2017 , 41, 11872-11880	3.6	20
60	Enhanced activation of peroxymonosulfate by nitrogen-doped graphene/TiO under photo-assistance for organic pollutants degradation: Insight into N doping mechanism. <i>Chemosphere</i> , 2020 , 244, 125526	8.4	20
59	Carbon quantum dots decorated BiVO ₄ quantum tube with enhanced photocatalytic performance for efficient degradation of organic pollutants under visible and near-infrared light. <i>Journal of Materials Science</i> , 2019 , 54, 6488-6499	4.3	20
58	In situ plasmonic Bi grown on N-doped Bi ₂ WO ₆ for enhanced visible-light-driven photocatalysis to mineralize diverse refractory organic pollutants. <i>Separation and Purification Technology</i> , 2020 , 250, 117119	8.3	19
57	Synthesis and properties of magnetically separable Fe ₃ O ₄ /TiO ₂ /Bi ₂ O ₃ photocatalysts. <i>Research on Chemical Intermediates</i> , 2014 , 40, 2953-2961	2.8	19
56	Towards understanding the photocatalytic activity enhancement of ordered mesoporous Bi ₂ MoO ₆ crystals prepared via a novel vacuum-assisted nanocasting method. <i>RSC Advances</i> , 2016 , 6, 35709-35718	3.7	19
55	Photoelectrocatalytic performance of conductive carbon black-modified Ti/F-PbO ₂ anode for degradation of dye wastewater (reactive brilliant blue KN-R). <i>Journal of Solid State Electrochemistry</i> , 2018 , 22, 1131-1141	2.6	19
54	Synthesis and enhanced photoreactivity of metallic Bi-decorated BiOBr composites with abundant oxygen vacancies. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 10002-10011	2.1	17
53	Ag nanoparticles deposited on oxygen-vacancy-containing BiVO ₄ for enhanced near-infrared photocatalytic activity. <i>Chinese Journal of Catalysis</i> , 2018 , 39, 128-137	11.3	17
52	Engineering Cationic Sulfur-Doped CoO Architectures with Exposing High-Reactive (112) Facets for Photoelectrocatalytic Water Purification. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 8405-8416	9.5	17

51	Synthesis and catalytic performance of hierarchical TiO ₂ hollow sphere/reduced graphene oxide hybrid nanostructures. <i>Journal of Alloys and Compounds</i> , 2016 , 656, 181-188	5.7	16
50	Construction of Au@TiO ₂ /graphene nanocomposites with plasmonic effect and super adsorption ability for enhanced visible-light-driven photocatalytic organic pollutant degradation. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	16
49	Black TiO nanotube arrays fabricated by electrochemical self-doping and their photoelectrochemical performance.. <i>RSC Advances</i> , 2018 , 8, 18992-19000	3.7	16
48	Interfacial defect engineering over fusiform bismuth vanadate photocatalyst enables to excellent solar-to-chemical energy coupling. <i>RSC Advances</i> , 2017 , 7, 26717-26721	3.7	15
47	Flexible Carboxylated CNT/PA66 Nanofibrous Mat Interleaved Carbon Fiber/Epoxy Laminates with Improved Interlaminar Fracture Toughness and Flexural Properties. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 1151-1158	3.9	15
46	Structuring porous "sponge-like" BiVO ₄ film for efficient photocatalysis under visible light illumination. <i>Journal of Colloid and Interface Science</i> , 2013 , 393, 126-9	9.3	15
45	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. <i>RSC Advances</i> , 2017 , 7, 50040-50043	3.7	11
44	Highly Enhanced Photoelectrocatalytic Oxidation via Cooperative Effect of Neighboring Two Different Metal Oxides for Water Purification. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 11525-11535	3.8	11
43	Preparation of BiOBr by solvothermal routes with different solvents and their photocatalytic activity. <i>Journal of Renewable and Sustainable Energy</i> , 2015 , 7, 063120	2.5	11
42	Ultrasonic synthesis and photocatalytic characterization of H ₃ PW ₁₂ O ₄₀ /TiO ₂ (anatase). <i>Ultrasonics Sonochemistry</i> , 2010 , 17, 649-53	8.9	11
41	Study on the fabrication and photoelectrochemical performance of the F ₁₀₀ doped Ti/Co ₃ O ₄ electrodes with n-type semiconductor characteristics. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 1767-1777	2.6	10
40	Synthesis of a BiOCl Br @AgBr heterostructure with enhanced photocatalytic activity under visible light.. <i>RSC Advances</i> , 2018 , 8, 16513-16520	3.7	10
39	Incorporation of graphene nanodots and oxygen defects triggers robust coupling between solar energy and reactive oxygen. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 5426-5435	13	9
38	Mesoporous Bi ₂ WO ₆ sheets synthesized via a sol-gel freeze-drying method with excellent photocatalytic performance. <i>Journal of Sol-Gel Science and Technology</i> , 2017 , 82, 101-108	2.3	9
37	Ultrathin-nanosheet-assembled Bi ₂ MoO ₆ mesoporous hollow framework for realizing optimized sunlight-driven photocatalytic water oxidation. <i>RSC Advances</i> , 2016 , 6, 102155-102158	3.7	9
36	Fabrication and photo-electrocatalytic activity of black TiO ₂ embedded Ti/PbO ₂ electrode. <i>Journal of Applied Electrochemistry</i> , 2017 , 47, 1045-1056	2.6	9
35	Fabrication of Ti/black TiO ₂ -PbO ₂ micro/nanostructures with tunable hydrophobic/hydrophilic characteristics and their photoelectrocatalytic performance. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 375-387	2.6	9
34	One-step in-situ synthesis of Bi-decorated BiOBr microspheres with abundant oxygen vacancies for enhanced photocatalytic nitrogen fixation properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 623, 126744	5.1	9

33	Study of the sulfurized (BiO)2CO3 as efficient visible-light induced photocatalyst. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 7882-7888	2.1	8
32	Conductive graphite nanoplatelets (GNPs)/polyethersulfone (PES) composites with inter-connective porous structure for chemical vapor sensing. <i>Composites Science and Technology</i> , 2019 , 184, 107883	8.6	8
31	The p-n heterojunction with porous BiVO4 framework and well-distributed Co3O4 as a super visible-light-driven photocatalyst. <i>RSC Advances</i> , 2014 , 4, 54655-54661	3.7	8
30	Multilayered TiO2@SnO2 hollow nanostructures: facile synthesis and enhanced photocatalytic performance. <i>RSC Advances</i> , 2014 , 4, 59503-59507	3.7	7
29	Preparation of Ni Doped ZnO-TiO2 Composites and Their Enhanced Photocatalytic Activity. <i>International Journal of Photoenergy</i> , 2014 , 2014, 1-8	2.1	7
28	Polyvinylidene fluoride effects on the electrocatalytic properties of air cathodes in microbial fuel cells. <i>Bioelectrochemistry</i> , 2018 , 120, 138-144	5.6	7
27	Synthesis of a hydrophilic Sulfur/PDA composite as a metal-free photocatalyst with enhanced photocatalytic performance under visible light. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017 , 54, 334-338	2.2	6
26	Improved photocatalytic reactivity of ZnO photocatalysts decorated with Ni and their magnetic recoverability. <i>Journal of Materials Research</i> , 2015 , 30, 1902-1913	2.5	6
25	Graphene oxide-promoted Ti/PbO2 photoanode with photoelectric synergy effect for efficient photoelectrocatalytic degradation of reactive brilliant blue. <i>Journal of Materials Science</i> , 2021 , 56, 4741-4752	4.3	6
24	Improved Visible Light Photocatalytic Activity for TiO2 Nanomaterials by Codoping with Zinc and Sulfur. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-8	3.2	5
23	In situ fabrication of self-assembled BiOBr _{1-x} I _x coated on carbon nanofibers for efficient solar light-driven photocatalytic nitrogen fixation. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 6196-6202	5.8	5
22	Novel visible-light irradiation niobium-doped BiOBr microspheres with enhanced photocatalytic performance. <i>Journal of Materials Science</i> , 2020 , 55, 16522-16532	4.3	5
21	Confining peroxymonosulfate activation in carbon nanotube intercalated nitrogen doped reduced graphene oxide membrane for enhanced water treatment: The role of nanoconfinement effect. <i>Journal of Colloid and Interface Science</i> , 2021 , 608, 2740-2740	9.3	4
20	Application of flexible PAN/BiOBr-Cl microfibers as self-supporting and highly active photocatalysts for nitrogen fixation and dye degradation. <i>Applied Surface Science</i> , 2021 , 575, 151743	6.7	4
19	Facile construction of a hierarchical Bi@BiOBr/Bi ₂ MoO ₆ ternary heterojunction with abundant oxygen vacancies for excellent photocatalytic nitrogen fixation. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 6196-6202	5.8	4
18	Controllable Synthesis of MoS ₂ /Carbon Nanotube Hybrids with Enlarged Interlayer Spacings for Efficient Electrocatalytic Hydrogen Evolution. <i>ChemistrySelect</i> , 2020 , 5, 13603-13608	1.8	3
17	Fabrication and photoelectrocatalytic performance of C ₃ N ₄ -modified Ti/PbO ₂ anode with surface hydrophobicity. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 1577-1585	2.6	3
16	Hierarchical polyurethane/RGO/BiOI fiber composite as flexible, self-supporting and recyclable photocatalysts for RhB degradation under visible light. <i>Journal of Industrial and Engineering Chemistry</i> , 2022 ,	6.3	3

15	Preparation, Characterization and Photocatalytic Properties of BiPO ₄ Decorated with Ag/AgBr. <i>Journal of Chemical Engineering of Japan</i> , 2016 , 49, 366-371	0.8	3
14	The Role of Graphene Oxide in Ag ₃ PO ₄ /graphene Oxide Composites for Enhanced Visible-light-driven Photocatalytic Ability. <i>Journal of Advanced Oxidation Technologies</i> , 2016 , 19,		3
13	Influence of Bi ₂ MoO ₆ decoration on the structure and photo-reactivity of (BiO) ₂ CO ₃ photocatalyst. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 4598-4606	2.1	3
12	Preparation and Photoelectrocatalytic Performance of Ti/PbO ₂ Electrodes Modified with Ti ₄ O ₇ . <i>ChemistrySelect</i> , 2018 , 3, 5098-5105	1.8	3
11	Controllable fabrication of sulfur-vacancy-rich Bi ₂ S ₃ nanorods with efficient near-infrared light photocatalytic for nitrogen fixation. <i>Applied Surface Science</i> , 2022 , 591, 153205	6.7	3
10	Preparation of Mesoporous BiVO ₄ for Efficient Photocatalytic Degradation of RhB Under Illuminated Visible Light. <i>Journal of Advanced Oxidation Technologies</i> , 2014 , 17,		2
9	One-pot synthesis of SnS ₂ /In ₂ S ₃ heterostructures for efficient photocatalysis. <i>Applied Surface Science</i> , 2021 , 579, 152088	6.7	2
8	Consecutive metal oxides with self-supported nanoarchitecture achieves highly stable and enhanced photoelectrocatalytic oxidation for water purification. <i>Journal of Solid State Electrochemistry</i> , 2021 , 25, 1083-1092	2.6	2
7	Bi-doped TiO ₂ with Remarkably Enhanced Photocatalytic Activity Under Simulated Sunlight Induced by Increased Hydrophilicity and Light Absorption Ability. <i>Journal of Advanced Oxidation Technologies</i> , 2014 , 17,		1
6	Controllable Fabrication of Ordered Mesoporous Bi ₂ WO ₆ and Its High Photocatalytic Activity under Visible Light. <i>International Journal of Photoenergy</i> , 2014 , 2014, 1-7	2.1	1
5	Hydrothermal carbonation carbon-based photocatalysis under visible light: Modification for enhanced removal of organic pollutant and novel insight into the photocatalytic mechanism. <i>Journal of Hazardous Materials</i> , 2021 , 127821	12.8	1
4	Bi doping into Ti/Co ₃ O ₄ NWs (nanowires) for improved photoelectrochemical decolorization of dyeing wastewater (reactive brilliant blue KN-R). <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 9504-9513	2.1	1
3	Controlling the up-conversion photoluminescence property of carbon quantum dots (CQDs) by modifying its surface functional groups for enhanced photocatalytic performance of CQDs/BiVO ₄ under a broad-spectrum irradiation. <i>Research on Chemical Intermediates</i> , 2021 , 47, 3469-3485	2.8	1
2	One-Pot Solvothermal Synthesis of Flower-Like S-Doped BiOCl for Enhanced Photocatalytic Property in Dye Degradation and Nitrogen Fixation. <i>ChemistrySelect</i> , 2021 , 6, 5771-5777	1.8	1
1	-Doping of Graphene Aerogel as a Multifunctional Air Cathode for Microbial Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 51312-51320	9.5	0