

Shijie Li

List of Publications by Year in Descending Order

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

66

papers

5,192

citations

29

h-index

69

g-index

69

ext. papers

6,995

ext. citations

7.8

avg, IF

6.11

L-index

#	Paper	IF	Citations
66	2D/3D S-scheme heterojunction of carbon nitride/iodine-deficient bismuth oxyiodide for photocatalytic hydrogen production and bisphenol A degradation.. <i>Journal of Colloid and Interface Science</i> , 2022 , 612, 722-736	9.3	5
65	Facile construction of novel organic-inorganic tetra (4-carboxyphenyl) porphyrin/BiMoO heterojunction for tetracycline degradation: Performance, degradation pathways, intermediate toxicity analysis and mechanism insight. <i>Journal of Colloid and Interface Science</i> , 2022 , 605, 727-740	9.3	77
64	Facile fabrication of TaON/Bi ₂ MoO ₆ core-shell S-scheme heterojunction nanofibers for boosting visible-light catalytic levofloxacin degradation and Cr(VI) reduction. <i>Chemical Engineering Journal</i> , 2022 , 428, 131158	14.7	83
63	Photocatalytic degradation of tetracycline antibiotic by a novel Bi ₂ Sn ₂ O ₇ /Bi ₂ MoO ₆ S-scheme heterojunction: Performance, mechanism insight and toxicity assessment. <i>Chemical Engineering Journal</i> , 2022 , 429, 132519	14.7	75
62	Photocatalytic oxidation of tetracycline, reduction of hexavalent chromium and hydrogen evolution by Cu ₂ O/g-C ₃ N ₄ S-scheme photocatalyst: Performance and mechanism insight. <i>Applied Surface Science</i> , 2022 , 153309	6.7	2
61	Constructing an ohmic junction of copper@ cuprous oxide nanocomposite with plasmonic enhancement for photocatalysis.. <i>Journal of Colloid and Interface Science</i> , 2022 , 616, 163-176	9.3	2
60	Photocatalytic reduction of CO ₂ and degradation of Bisphenol-S by g-C ₃ N ₄ /Cu ₂ O@Cu S-scheme heterojunction: Study on the photocatalytic performance and mechanism insight. <i>Carbon</i> , 2022 , 193, 272-284	10.4	1
59	Rationally designed tetra (4-carboxyphenyl) porphyrin/graphene quantum dots/bismuth molybdate Z-scheme heterojunction for tetracycline degradation and Cr(VI) reduction: Performance, mechanism, intermediate toxicity appraisalment.. <i>Journal of Colloid and Interface Science</i> , 2022 , 619, 307-321	9.3	10
58	Rationally designed Ta ₃ N ₅ /BiOCl S-scheme heterojunction with oxygen vacancies for elimination of tetracycline antibiotic and Cr(VI): Performance, toxicity evaluation and mechanism insight. <i>Journal of Materials Science and Technology</i> , 2022 , 123, 177-190	9.1	15
57	Integration of plasmonic effect and S-scheme heterojunction into gold decorated carbon nitride/cuprous oxide catalyst for photocatalysis. <i>Journal of Cleaner Production</i> , 2022 , 131948	10.3	2
56	Rationally designed S-scheme heterojunction of C ₃ N ₄ /Bi ₂ MoO ₆ /carbon fiber cloth as a recyclable, macroscopic and efficient photocatalyst for wastewater treatment. <i>Chemical Engineering Journal</i> , 2022 , 445, 136703	14.7	0
55	Constructing Ag decorated ZnS _{1-x} quantum dots/Ta ₂ O _{5-x} nanospheres for boosted tetracycline removal: Synergetic effects of structural defects, S-scheme heterojunction, and plasmonic effects. <i>Journal of Colloid and Interface Science</i> , 2022 ,	9.3	3
54	Designing oxygen vacancy mediated bismuth molybdate (Bi ₂ MoO ₆)/N-rich carbon nitride (C ₃ N ₅) S-scheme heterojunctions for boosted photocatalytic removal of tetracycline antibiotic and Cr(VI): Intermediate toxicity and mechanism insight. <i>Journal of Colloid and Interface Science</i> , 2022 , 624, 219-232	9.3	7
53	Visible-light photocatalytic tetracycline degradation over nanodots-assembled N-ZrO _{2-x} nanostructures: Performance, degradation pathways and mechanistic insight. <i>Journal of Alloys and Compounds</i> , 2021 , 162582	5.7	4
52	Magnetically recyclable and remarkably efficient visible-light-driven photocatalytic hexavalent chromium removal based on plasmonic biochar/bismuth/ferroferric oxide heterojunction. <i>Journal of Colloid and Interface Science</i> , 2021 , 590, 424-435	9.3	9
51	A novel and facile procedure to decorate Bi ₂ O ₃ with Bi ₂ S ₃ nanocrystals: Composites synthesis, analyses, and photocatalytic performance assessment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 610, 125640	5.1	7
50	Constructing a plasmonic p-n heterojunction photocatalyst of 3D Ag/Ag ₆ Si ₂ O ₇ /Bi ₂ MoO ₆ for efficiently removing broad-spectrum antibiotics. <i>Separation and Purification Technology</i> , 2021 , 254, 117579	8.3	70

49	Enhanced photocatalytic conversion of NO _x with satisfactory selectivity of 3D-2D Bi ₄ O ₅ Br ₂ -GO hierarchical structures via a facile microwave-assisted preparation. <i>Separation and Purification Technology</i> , 2021 , 266, 118237	8.3	17
48	Photocatalytic degradation of antibiotics using a novel Ag/Ag ₂ S/Bi ₂ MoO ₆ plasmonic p-n heterojunction photocatalyst: Mineralization activity, degradation pathways and boosted charge separation mechanism. <i>Chemical Engineering Journal</i> , 2021 , 415, 128991	14.7	105
47	Highly enhanced photodegradation of emerging pollutants by Ag/AgCl/Ta ₂ O ₅ mesocrystals. <i>Separation and Purification Technology</i> , 2021 , 279, 119733	8.3	7
46	In situ crystallization and growth of TiO ₂ nanospheres between MXene layers for improved adsorption and visible light photocatalysis. <i>Catalysis Science and Technology</i> , 2021 , 11, 3834-3844	5.5	21
45	Plasmonic p-n heterojunction of Ag/Ag ₂ S/Ag ₂ MoO ₄ with enhanced Vis-NIR photocatalytic activity for purifying wastewater. <i>Separation and Purification Technology</i> , 2020 , 251, 117347	8.3	29
44	Facile construction of novel Bi ₂ WO ₆ /Ta ₃ N ₅ Z-scheme heterojunction nanofibers for efficient degradation of harmful pharmaceutical pollutants. <i>Chemical Engineering Journal</i> , 2020 , 402, 126165	14.7	164
43	BiO ₂ COOH Microflowers Decorated with Ag/Ag ₂ CrO ₄ Nanoparticles as Highly Efficient Photocatalyst for the Treatment of Toxic Wastewater. <i>Catalysts</i> , 2020 , 10, 93	4	26
42	A facile one-pot and alkali-free synthetic procedure for binary SnO ₂ /g-C ₃ N ₄ composites with enhanced photocatalytic behavior. <i>Materials Science in Semiconductor Processing</i> , 2020 , 115, 105112	4.3	9
41	A novel 3D Z-scheme heterojunction photocatalyst: Ag ₆ Si ₂ O ₇ anchored on flower-like Bi ₂ WO ₆ and its excellent photocatalytic performance for the degradation of toxic pharmaceutical antibiotics. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 529-541	6.8	88
40	Controllable Hydrothermal Synthesis and Photocatalytic Performance of Bi ₂ MoO ₆ Nano/Microstructures. <i>Catalysts</i> , 2020 , 10, 1161	4	7
39	Facile Preparation of a Novel Bi ₂ WO ₆ /Calcined Mussel Shell Composite Photocatalyst with Enhanced Photocatalytic Performance. <i>Catalysts</i> , 2020 , 10, 1166	4	64
38	In situ construction of WO ₃ nanoparticles decorated BiMoO ₆ microspheres for boosting photocatalytic degradation of refractory pollutants. <i>Journal of Colloid and Interface Science</i> , 2019 , 556, 335-344	9.3	152
37	Hierarchical assembly of manganese dioxide nanosheets on one-dimensional titanium nitride nanofibers for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2019 , 552, 712-718	9.3	16
36	Facile construction of flower-like bismuth oxybromide/bismuth oxide formate p-n heterojunctions with significantly enhanced photocatalytic performance under visible light. <i>Journal of Colloid and Interface Science</i> , 2019 , 548, 12-19	9.3	69
35	Facile Fabrication of Flower-Like BiOI/BiO ₂ COOH p-n Heterojunctions for Highly Efficient Visible-Light-Driven Photocatalytic Removal of Harmful Antibiotics. <i>Nanomaterials</i> , 2019 , 9,	5.4	3
34	A Novel Flower-Like Ag/AgCl/BiO ₂ COOH Ternary Heterojunction Photocatalyst: Facile Construction and Its Superior Photocatalytic Performance for the Removal of Toxic Pollutants. <i>Nanomaterials</i> , 2019 , 9,	5.4	8
33	In situ anion exchange strategy to construct flower-like BiOCl/BiO ₂ COOH p-n heterojunctions for efficiently photocatalytic removal of aqueous toxic pollutants under solar irradiation. <i>Journal of Alloys and Compounds</i> , 2019 , 781, 582-588	5.7	76
32	Construction of a novel ternary Ag/AgBr/Ag ₂ WO ₄ composite for efficient photocatalytic removal of Rhodamine B dye and tetracycline hydrochloride antibiotic. <i>Materials Letters</i> , 2018 , 224, 29-32	3.3	25

31	Hierarchical architectures of bismuth molybdate nanosheets onto nickel titanate nanofibers: Facile synthesis and efficient photocatalytic removal of tetracycline hydrochloride. <i>Journal of Colloid and Interface Science</i> , 2018 , 521, 42-49	9.3	74
30	AgWO nanorods decorated with AgI nanoparticles: Novel and efficient visible-light-driven photocatalysts for the degradation of water pollutants. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 1308-1316	3	19
29	AgVO Nanoparticles Decorated BiOCO Micro-Flowers: An Efficient Visible-Light-Driven Photocatalyst for the Removal of Toxic Contaminants. <i>Frontiers in Chemistry</i> , 2018 , 6, 255	5	28
28	Hierarchical hollow MnO nanofibers with enhanced supercapacitor performance. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 448-454	9.3	73
27	AgCO Decorating BiOCOOH Microspheres with Enhanced Full-Spectrum Photocatalytic Activity for the Degradation of Toxic Pollutants. <i>Nanomaterials</i> , 2018 , 8,	5.4	8
26	Synthesis of Flower-Like AgI/BiOCOOH p-n Heterojunctions With Enhanced Visible-Light Photocatalytic Performance for the Removal of Toxic Pollutants. <i>Frontiers in Chemistry</i> , 2018 , 6, 518	5	14
25	Facile Synthesis of Bi ₂ MoO ₆ Microspheres Decorated by CdS Nanoparticles with Efficient Photocatalytic Removal of Levofloxacin Antibiotic. <i>Catalysts</i> , 2018 , 8, 477	4	8
24	Hierarchical heterostructures of BiMoO microflowers decorated with AgCO nanoparticles for efficient visible-light-driven photocatalytic removal of toxic pollutants. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 2297-2305	3	13
23	Facile synthesis of cerium oxide nanoparticles decorated flower-like bismuth molybdate for enhanced photocatalytic activity toward organic pollutant degradation. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 171-178	9.3	137
22	MWCNTs/BiOCOOH composites with improved sunlight photocatalytic activity. <i>Materials Letters</i> , 2017 , 191, 157-160	3.3	18
21	Facile synthesis of Fe ₂ O ₃ nanoparticles anchored on Bi ₂ MoO ₆ microflowers with improved visible light photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2017 , 497, 93-101	9.3	83
20	Synthesis of n -type TaON microspheres decorated by p -type Ag ₂ O with enhanced visible light photocatalytic activity. <i>Molecular Catalysis</i> , 2017 , 435, 135-143	3.3	34
19	Facile synthesis of flower-like AgVO/BiWO heterojunction with enhanced visible-light photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2017 , 501, 156-163	9.3	130
18	Construction of fiber-shaped silver oxide/tantalum nitride p-n heterojunctions as highly efficient visible-light-driven photocatalysts. <i>Journal of Colloid and Interface Science</i> , 2017 , 504, 561-569	9.3	55
17	One-pot solvothermal synthesis of Ag nanoparticles decorated BiOCOOH microflowers with enhanced visible light activity. <i>Materials Letters</i> , 2017 , 196, 343-346	3.3	19
16	Synthesis of Ta ₃ N ₅ /Bi ₂ MoO ₆ core-shell fiber-shaped heterojunctions as efficient and easily recyclable photocatalysts. <i>Environmental Science: Nano</i> , 2017 , 4, 1155-1167	7.1	162
15	Enhanced visible-light photocatalytic activity of Ag/AgI coupled Bi ₂ O ₂ CO ₃ microspheres. <i>Materials Letters</i> , 2017 , 191, 123-127	3.3	12
14	Synthesis of flower-like Ag ₂ O/BiOCOOH p-n heterojunction with enhanced visible light photocatalytic activity. <i>Applied Surface Science</i> , 2017 , 397, 95-103	6.7	73

13	A Novel Heterostructure of BiOI Nanosheets Anchored onto MWCNTs with Excellent Visible-Light Photocatalytic Activity. <i>Nanomaterials</i> , 2017 , 7,	5.4	37
12	Synthesis of flower-like Ta ₃ N ₅ -Au heterojunction with enhanced visible light photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 1137-1144	5.7	23
11	Flower-like MWCNTs/Bi ₂ O ₂ CO ₃ composites with enhanced photocatalytic activity under simulated solar light irradiation. <i>Materials Letters</i> , 2016 , 185, 50-53	3.3	12
10	Hierarchical MnO ₂ nanosheets on electrospun NiCo ₂ O ₄ nanotubes as electrode materials for high rate capability and excellent cycling stability supercapacitors. <i>Journal of Alloys and Compounds</i> , 2016 , 678, 120-125	5.7	46
9	Flower-like Bi ₂ S ₃ /Bi ₂ MoO ₆ heterojunction superstructures with enhanced visible-light-driven photocatalytic activity. <i>RSC Advances</i> , 2015 , 5, 75081-75088	3.7	63
8	Fe ₂ O ₃ /AgBr nonwoven cloth with hierarchical nanostructures as efficient and easily recyclable macroscale photocatalysts. <i>RSC Advances</i> , 2015 , 5, 10951-10959	3.7	33
7	Ta ₃ N ₅ -Pt nonwoven cloth with hierarchical nanopores as efficient and easily recyclable macroscale photocatalysts. <i>Scientific Reports</i> , 2014 , 4, 3978	4.9	49
6	Understanding the effect of polypyrrole and poly(3,4-ethylenedioxythiophene) on enhancing the supercapacitor performance of NiCo ₂ O ₄ electrodes. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 16731-16739	13.9	58
5	Semiconductor heterojunction photocatalysts: design, construction, and photocatalytic performances. <i>Chemical Society Reviews</i> , 2014 , 43, 5234-44	58.5	2515
4	Effects of dietary Europium complex and Europium(III) on cultured pearl colour in the pearl oyster <i>Pinctada martensii</i> . <i>Aquaculture Research</i> , 2013 , 44, 1300-1306	1.9	7
3	Surface decoration of Bi ₂ WO ₆ superstructures with Bi ₂ O ₃ nanoparticles: an efficient method to improve visible-light-driven photocatalytic activity. <i>CrystEngComm</i> , 2013 , 15, 9011	3.3	67
2	3D structured TiO ₂ -based aerogel photocatalyst for high-efficiency degradation of toluene gas. <i>New Journal of Chemistry</i> ,	3.6	1
1	In situ construction of heterostructured bimetallic sulfide/phosphide with rich interfaces for high-performance aqueous Zn-ion batteries. <i>Science China Materials</i> , 1	7.1	23