Shijie Li

List of Publications by Citations

66	5,192	29	69
papers	citations	h-index	g-index
69	6,995	7.8	6.11
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
66	Semiconductor heterojunction photocatalysts: design, construction, and photocatalytic performances. *Chemical Society Reviews*, **2014**, 43, 5234-44	58.5	2515
65	Facile construction of novel Bi2WO6/Ta3N5 Z-scheme heterojunction nanofibers for efficient degradation of harmful pharmaceutical pollutants. *Chemical Engineering Journal*, **2020**, 402, 126165	14.7	164
64	Synthesis of Ta3N5/Bi2MoO6 core□shell fiber-shaped heterojunctions as efficient and easily recyclable photocatalysts. *Environmental Science: Nano*, **2017**, 4, 1155-1167	7.1	162
63	In situ construction of WO nanoparticles decorated BiMoO microspheres for boosting photocatalytic degradation of refractory pollutants. *Journal of Colloid and Interface Science*, **2019**, 556, 335-344	9.3	152
62	Facile synthesis of cerium oxide nanoparticles decorated flower-like bismuth molybdate for enhanced photocatalytic activity toward organic pollutant degradation. *Journal of Colloid and Interface Science*, **2018**, 530, 171-178	9.3	137
61	Facile synthesis of flower-like AgVO/BiWO heterojunction with enhanced visible-light photocatalytic activity. *Journal of Colloid and Interface Science*, **2017**, 501, 156-163	9.3	130
60	Photocatalytic degradation of antibiotics using a novel Ag/Ag2S/Bi2MoO6 plasmonic p-n heterojunction photocatalyst: Mineralization activity, degradation pathways and boosted charge separation mechanism. *Chemical Engineering Journal*, **2021**, 415, 128991	14.7	105
59	A novel 3D Z-scheme heterojunction photocatalyst: Ag6Si2O7 anchored on flower-like Bi2WO6 and its excellent photocatalytic performance for the degradation of toxic pharmaceutical antibiotics. *Inorganic Chemistry Frontiers*, **2020**, 7, 529-541	6.8	88
58	Facile synthesis of Fe(2)O(3) nanoparticles anchored on Bi(2)MoO(6) microflowers with improved visible light photocatalytic activity. *Journal of Colloid and Interface Science*, **2017**, 497, 93-101	9.3	83
57	Facile fabrication of TaON/Bi2MoO6 core□shell S-scheme heterojunction nanofibers for boosting visible-light catalytic levofloxacin degradation and Cr(VI) reduction. *Chemical Engineering Journal*, **2022**, 428, 131158	14.7	83
56	Facile construction of novel organic-inorganic tetra (4-carboxyphenyl) porphyrin/BiMoO heterojunction for tetracycline degradation: Performance, degradation pathways, intermediate toxicity analysis and mechanism insight. *Journal of Colloid and Interface Science*, **2022**, 605, 727-740	9.3	77
55	In situ anion exchange strategy to construct flower-like BiOCl/BiOCOOH p-n heterojunctions for efficiently photocatalytic removal of aqueous toxic pollutants under solar irradiation. *Journal of Alloys and Compounds*, **2019**, 781, 582-588	5.7	76
54	Photocatalytic degradation of tetracycline antibiotic by a novel Bi2Sn2O7/Bi2MoO6 S-scheme heterojunction: Performance, mechanism insight and toxicity assessment. *Chemical Engineering Journal*, **2022**, 429, 132519	14.7	75
53	Hierarchical architectures of bismuth molybdate nanosheets onto nickel titanate nanofibers: Facile synthesis and efficient photocatalytic removal of tetracycline hydrochloride. *Journal of Colloid and Interface Science*, **2018**, 521, 42-49	9.3	74
52	Synthesis of flower-like Ag2O/BiOCOOH p-n heterojunction with enhanced visible light photocatalytic activity. *Applied Surface Science*, **2017**, 397, 95-103	6.7	73
51	Hierarchical hollow MnO nanofibers with enhanced supercapacitor performance. *Journal of Colloid and Interface Science*, **2018**, 513, 448-454	9.3	73
50	Constructing a plasmonic p-n heterojunction photocatalyst of 3D Ag/Ag6Si2O7/Bi2MoO6 for efficiently removing broad-spectrum antibiotics. *Separation and Purification Technology*, **2021**, 254, 117579	8.3	70

49	Facile construction of flower-like bismuth oxybromide/bismuth oxide formate p-n heterojunctions with significantly enhanced photocatalytic performance under visible light. *Journal of Colloid and Interface Science*, **2019**, 548, 12-19	9.3	69
48	Surface decoration of Bi2WO6 superstructures with Bi2O3 nanoparticles: an efficient method to improve visible-light-driven photocatalytic activity. *CrystEngComm*, **2013**, 15, 9011	3.3	67
47	Facile Preparation of a Novel Bi2WO6/Calcined Mussel Shell Composite Photocatalyst with Enhanced Photocatalytic Performance. *Catalysts*, **2020**, 10, 1166	4	64
46	Flower-like Bi2S3/Bi2MoO6 heterojunction superstructures with enhanced visible-light-driven photocatalytic activity. *RSC Advances*, **2015**, 5, 75081-75088	3.7	63
45	Understanding the effect of polypyrrole and poly(3,4-ethylenedioxythiophene) on enhancing the supercapacitor performance of NiCo2O4 electrodes. *Journal of Materials Chemistry A*, **2014**, 2, 16731-16739	13	58
44	Construction of fiber-shaped silver oxide/tantalum nitride p-n heterojunctions as highly efficient visible-light-driven photocatalysts. *Journal of Colloid and Interface Science*, **2017**, 504, 561-569	9.3	55
43	Ta3N5-Pt nonwoven cloth with hierarchical nanopores as efficient and easily recyclable macroscale photocatalysts. *Scientific Reports*, **2014**, 4, 3978	4.9	49
42	Hierarchical MnO2 nanosheets on electrospun NiCo2O4 nanotubes as electrode materials for high rate capability and excellent cycling stability supercapacitors. *Journal of Alloys and Compounds*, **2016**, 678, 120-125	5.7	46
41	A Novel Heterostructure of BiOI Nanosheets Anchored onto MWCNTs with Excellent Visible-Light Photocatalytic Activity. *Nanomaterials*, **2017**, 7,	5.4	37
40	Synthesis of n -type TaON microspheres decorated by p -type Ag 2 O with enhanced visible light photocatalytic activity. *Molecular Catalysis*, **2017**, 435, 135-143	3.3	34
39	Fe2O3/AgBr nonwoven cloth with hierarchical nanostructures as efficient and easily recyclable macroscale photocatalysts. *RSC Advances*, **2015**, 5, 10951-10959	3.7	33
38	Plasmonic p-n heterojunction of Ag/Ag2S/Ag2MoO4 with enhanced Vis-NIR photocatalytic activity for purifying wastewater. *Separation and Purification Technology*, **2020**, 251, 117347	8.3	29
37	AgVO Nanoparticles Decorated BiOCO Micro-Flowers: An Efficient Visible-Light-Driven Photocatalyst for the Removal of Toxic Contaminants. *Frontiers in Chemistry*, **2018**, 6, 255	5	28
36	BiOCOOH Microflowers Decorated with Ag/Ag2CrO4 Nanoparticles as Highly Efficient Photocatalyst for the Treatment of Toxic Wastewater. *Catalysts*, **2020**, 10, 93	4	26
35	Construction of a novel ternary Ag/AgBr/Ag2WO4 composite for efficient photocatalytic removal of Rhodamine B dye and tetracycline hydrochloride antibiotic. *Materials Letters*, **2018**, 224, 29-32	3.3	25
34	Synthesis of flower-like Ta3N5-Au heterojunction with enhanced visible light photocatalytic activity. *Journal of Alloys and Compounds*, **2017**, 695, 1137-1144	5.7	23
33	In situ construction of heterostructured bimetallic sulfide/phosphide with rich interfaces for high-performance aqueous Zn-ion batteries. *Science China Materials*,1	7.1	23
32	In situ crystallization and growth of TiO2 nanospheres between MXene layers for improved adsorption and visible light photocatalysis. *Catalysis Science and Technology*, **2021**, 11, 3834-3844	5.5	21

31	One-pot solvothermal synthesis of Ag nanoparticles decorated BiOCOOH microflowers with enhanced visible light activity. *Materials Letters*, **2017**, 196, 343-346	3.3	19
30	AgWO nanorods decorated with AgI nanoparticles: Novel and efficient visible-light-driven photocatalysts for the degradation of water pollutants. *Beilstein Journal of Nanotechnology*, **2018**, 9, 1308-1316	3	19
29	MWCNTs/BiOCOOH composites with improved sunlight photocatalytic activity. *Materials Letters*, **2017**, 191, 157-160	3.3	18
28	Enhanced photocatalytic conversion of NOx with satisfactory selectivity of 3D-2D Bi4O5Br2-GO hierarchical structures via a facile microwave-assisted preparation. *Separation and Purification Technology*, **2021**, 266, 118237	8.3	17
27	Hierarchical assembly of manganese dioxide nanosheets on one-dimensional titanium nitride nanofibers for high-performance supercapacitors. *Journal of Colloid and Interface Science*, **2019**, 552, 712-718	9.3	16
26	Rationally designed Ta3N5/BiOCl S-scheme heterojunction with oxygen vacancies for elimination of tetracycline antibiotic and Cr(VI): Performance, toxicity evaluation and mechanism insight. *Journal of Materials Science and Technology*, **2022**, 123, 177-190	9.1	15
25	Synthesis of Flower-Like AgI/BiOCOOH p-n Heterojunctions With Enhanced Visible-Light Photocatalytic Performance for the Removal of Toxic Pollutants. *Frontiers in Chemistry*, **2018**, 6, 518	5	14
24	Hierarchical heterostructures of BiMoO microflowers decorated with AgCO nanoparticles for efficient visible-light-driven photocatalytic removal of toxic pollutants. *Beilstein Journal of Nanotechnology*, **2018**, 9, 2297-2305	3	13
23	Enhanced visible-light photocatalytic activity of Ag/AgI coupled Bi2O2CO3 microspheres. *Materials Letters*, **2017**, 191, 123-127	3.3	12
22	Flower-like MWCNTs/Bi2O2CO3 composites with enhanced photocatalytic activity under simulated solar light irradiation. *Materials Letters*, **2016**, 185, 50-53	3.3	12
21	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 appraisement.. *Journal of Colloid and Interface Science*, **2022**, 619, 307-321	9.3	10
20	A facile one-pot and alkali-free synthetic procedure for binary SnO2/g-C3N4 composites with enhanced photocatalytic behavior. *Materials Science in Semiconductor Processing*, **2020**, 115, 105112	4.3	9
19	Magnetically recyclable and remarkably efficient visible-light-driven photocatalytic hexavalent chromium removal based on plasmonic biochar/bismuth/ferroferric oxide heterojunction. *Journal of Colloid and Interface Science*, **2021**, 590, 424-435	9.3	9
18	A Novel Flower-Like Ag/AgCl/BiOCOOH Ternary Heterojunction Photocatalyst: Facile Construction and Its Superior Photocatalytic Performance for the Removal of Toxic Pollutants. *Nanomaterials*, **2019**, 9,	5.4	8
17	AgCOOH Decorating BiOCOOH Microspheres with Enhanced Full-Spectrum Photocatalytic Activity for the Degradation of Toxic Pollutants. *Nanomaterials*, **2018**, 8,	5.4	8
16	Facile Synthesis of Bi2MoO6 Microspheres Decorated by CdS Nanoparticles with Efficient Photocatalytic Removal of Levfloxacin Antibiotic. *Catalysts*, **2018**, 8, 477	4	8
15	Effects of dietary Europium complex and Europium(III) on cultured pearl colour in the pearl oyster Pinctada martensii. *Aquaculture Research*, **2013**, 44, 1300-1306	1.9	7
14	Controllable Hydrothermal Synthesis and Photocatalytic Performance of Bi2MoO6 Nano/Microstructures. *Catalysts*, **2020**, 10, 1161	4	7

13	A novel and facile procedure to decorate Bi2O3 with Bi2S3 nanocrystals: Composites synthesis, analyses, and photocatalytic performance assessment. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 610, 125640	5.1	7
12	Highly enhanced photodegradation of emerging pollutants by Ag/AgCl/Ta2O5 mesocrystals. *Separation and Purification Technology*, **2021**, 279, 119733	8.3	7
11	Designing oxygen vacancy mediated bismuth molybdate (Bi2MoO6)/N-rich carbon nitride (C3N5) S-scheme heterojunctions for boosted photocatalytic removal of tetracycline antibiotic and Cr(VI): Intermediate toxicity and mechanism insight. *Journal of Colloid and Interface Science*, **2022**, 624, 219-232	9.3	7
10	2D/3D S-scheme heterojunction of carbon nitride/iodine-deficient bismuth oxyiodide for photocatalytic hydrogen production and bisphenol A degradation.. *Journal of Colloid and Interface Science*, **2022**, 612, 722-736	9.3	5
9	Visible-light photocatalytic tetracycline degradation over nanodots-assembled N-ZrO2-x nanostructures: Performance, degradation pathways and mechanistic insight. *Journal of Alloys and Compounds*, **2021**, 162582	5.7	4
8	Facile Fabrication of Flower-Like BiOI/BiOCOOH p-n Heterojunctions for Highly Efficient Visible-Light-Driven Photocatalytic Removal of Harmful Antibiotics. *Nanomaterials*, **2019**, 9,	5.4	3
7	Constructing Ag decorated ZnS1-x quantum dots/Ta2O5-x nanospheres for boosted tetracycline removal: Synergetic effects of structural defects, S-scheme heterojunction, and plasmonic effects. *Journal of Colloid and Interface Science*, **2022**,	9.3	3
6	Photocatalytic oxidation of tetracycline, reduction of hexavalent chromium and hydrogen evolution by Cu2O/g-C3N4 S-scheme photocatalyst: Performance and mechanism insight. *Applied Surface Science*, **2022**, 153309	6.7	2
5	Constructing an ohmic junction of copper@ cuprous oxide nanocomposite with plasmonic enhancement for photocatalysis.. *Journal of Colloid and Interface Science*, **2022**, 616, 163-176	9.3	2
4	Integration of plasmonic effect and S-scheme heterojunction into gold decorated carbon nitride/cuprous oxide catalyst for photocatalysis. *Journal of Cleaner Production*, **2022**, 131948	10.3	2
3	3D structured TiO2-based aerogel photocatalyst for high-efficiency degradation of toluene gas. *New Journal of Chemistry*,	3.6	1
2	Photocatalytic reduction of CO2 and degradation of Bisphenol-S by g-C3N4/Cu2O@Cu S-scheme heterojunction: Study on the photocatalytic performance and mechanism insight. *Carbon*, **2022**, 193, 272-284	10.4	1
1	Rationally designed S-scheme heterojunction of C3N4/Bi2MoO6/carbon fiber cloth as a recyclable, macroscopic and efficient photocatalyst for wastewater treatment. *Chemical Engineering Journal*, **2022**, 445, 136703	14.7	0