Lisha Zhang

List of Publications by Citations

66	7,492	34	67
papers	citations	h-index	g-index
67	8,419	8.2	6.03
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	Bi2WO6 nano- and microstructures: shape control and associated visible-light-driven photocatalytic activities. *Small*, **2007**, 3, 1618-25	11	525
64	Fabrication of flower-like Bi2WO6 superstructures as high performance visible-light driven photocatalysts. *Journal of Materials Chemistry*, **2007**, 17, 2526		412
63	Ultrathin PEGylated W18O49 nanowires as a new 980 nm-laser-driven photothermal agent for efficient ablation of cancer cells in vivo. *Advanced Materials*, **2013**, 25, 2095-100	24	325
62	Sonochemical synthesis of nanocrystallite Bi2O3 as a visible-light-driven photocatalyst. *Applied Catalysis A: General*, **2006**, 308, 105-110	5.1	318
61	A sonochemical route to visible-light-driven high-activity BiVO4 photocatalyst. *Journal of Molecular Catalysis A*, **2006**, 252, 120-124		309
60	AgBr-Ag-Bi2WO6 nanojunction system: A novel and efficient photocatalyst with double visible-light active components. *Applied Catalysis A: General*, **2009**, 363, 221-229	5.1	291
59	Single-Crystalline BiVO4 Microtubes with Square Cross-Sections: Microstructure, Growth Mechanism, and Photocatalytic Property. *Journal of Physical Chemistry C*, **2007**, 111, 13659-13664	3.8	232
58	Ultrasonic-assisted synthesis of visible-light-induced Bi2MO6 (M=W, Mo) photocatalysts. *Journal of Molecular Catalysis A*, **2007**, 268, 195-200		170
57	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
56	Electrodeposited nanoporous ZnO films exhibiting enhanced performance in dye-sensitized solar cells. *Electrochimica Acta*, **2006**, 51, 5870-5875	6.7	131
55	Fabrication of g-C3N4/BiOBr heterojunctions on carbon fibers as weaveable photocatalyst for degrading tetracycline hydrochloride under visible light. *Chemical Engineering Journal*, **2020**, 386, 124010	14.7	116
54	Growth of C3N4 nanosheets on carbon-fiber cloth as flexible and macroscale filter-membrane-shaped photocatalyst for degrading the flowing wastewater. *Applied Catalysis B: Environmental*, **2017**, 219, 425-431	21.8	96
53	Synthesis of BiOBr/WO3 p□ heterojunctions with enhanced visible light photocatalytic activity. *CrystEngComm*, **2016**, 18, 3856-3865	3.3	89
52	Bi2WO6 micro/nano-structures: Synthesis, modifications and visible-light-driven photocatalytic applications. *Applied Catalysis B: Environmental*, **2011**, 106, 1-1	21.8	88
51	Preparation of Fenton reagent with H2O2 generated by solar light-illuminated nano-Cu2O/MWNTs composites. *Applied Catalysis A: General*, **2006**, 299, 292-297	5.1	88
50	Visible-light-driven photocatalytic inactivation of Escherichia coli by magnetic Fe2O3-AgBr. *Water Research*, **2016**, 90, 111-118	12.5	86

49	Construction of n-TiO2/p-Ag2O Junction on Carbon Fiber Cloth with Vis□NIR Photoresponse as a Filter-Membrane-Shaped Photocatalyst. *Advanced Fiber Materials*, **2020**, 2, 13-23	10.9	80
48	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
47	Electrodeposition and characterization of nanocrystalline cuprous oxide thin films on TiO2 films. *Materials Letters*, **2005**, 59, 434-438	3.3	73
46	Preparation of TiO2/Bi2WO6 nanostructured heterojunctions on carbon fibers as a weaveable visible-light photocatalyst/photoelectrode. *Environmental Science: Nano*, **2018**, 5, 327-337	7.1	72
45	High Efficiency CdS/CdSe Quantum Dot Sensitized Solar Cells with Two ZnSe Layers. *ACS Applied Materials & Interfaces*, **2016**, 8, 34482-34489	9.5	71
44	980-nm Laser-Driven Photovoltaic Cells Based on Rare-Earth Up-Converting Phosphors for Biomedical Applications. *Advanced Functional Materials*, **2009**, 19, 3815-3820	15.6	68
43	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
42	Flower-like Bi2S3/Bi2MoO6 heterojunction superstructures with enhanced visible-light-driven photocatalytic activity. *RSC Advances*, **2015**, 5, 75081-75088	3.7	63
41	Preparation of TiO/CN heterojunctions on carbon-fiber cloth as efficient filter-membrane-shaped photocatalyst for removing various pollutants from the flowing wastewater. *Journal of Colloid and Interface Science*, **2018**, 532, 798-807	9.3	62
40	Synthesis of Au nanoparticle-decorated carbon nitride nanorods with plasmon-enhanced photoabsorption and photocatalytic activity for removing various pollutants from water. *Journal of Hazardous Materials*, **2018**, 344, 1188-1197	12.8	61
39	Low temperature cathodic electrodeposition of nanocrystalline zinc oxide thin films. *Thin Solid Films*, **2005**, 492, 24-29	2.2	58
38	Ta3N5-Pt nonwoven cloth with hierarchical nanopores as efficient and easily recyclable macroscale photocatalysts. *Scientific Reports*, **2014**, 4, 3978	4.9	49
37	Synthesis of ZnWO4□ nanorods with oxygen vacancy for efficient photocatalytic degradation of tetracycline. *Progress in Natural Science: Materials International*, **2018**, 28, 408-415	3.6	46
36	Synthesis of MoS2/CdS Heterostructures on Carbon-Fiber Cloth as Filter-Membrane-Shaped Photocatalyst for Purifying the Flowing Wastewater under Visible-Light Illumination. *ChemCatChem* , **2019**, 11, 2855-2863	5.2	42
35	MoS2/Bi2S3 heterojunctions-decorated carbon-fiber cloth as flexible and filter-membrane-shaped photocatalyst for the efficient degradation of flowing wastewater. *Journal of Alloys and Compounds*, **2019**, 779, 599-608	5.7	39
34	TiO2/MoS2 heterojunctions-decorated carbon fibers with broad-spectrum response as weaveable photocatalyst/photoelectrode. *Materials Research Bulletin*, **2019**, 112, 354-362	5.1	39
33	Synthesis of BiOBr/AgPO heterojunctions on carbon-fiber cloth as filter-membrane-shaped photocatalyst for treating the flowing antibiotic wastewater. *Journal of Colloid and Interface Science*, **2020**, 575, 183-193	9.3	34
32	Fe2O3□AgBr nonwoven cloth with hierarchical nanostructures as efficient and easily recyclable macroscale photocatalysts. *RSC Advances*, **2015**, 5, 10951-10959	3.7	33

31	TiO2/BiOI p-n junction-decorated carbon fibers as weavable photocatalyst with UV□is photoresponsive for efficiently degrading various pollutants. *Chemical Engineering Journal*, **2021**, 415, 129019	14.7	33
30	Construction of TiO/AgPO nanojunctions on carbon fiber cloth for photocatalytically removing various organic pollutants in static or flowing wastewater. *Journal of Colloid and Interface Science*, **2020**, 571, 213-221	9.3	31
29	Synthesis of polypyrrole nanoparticles for constructing full-polymer UV/NIR-shielding film. *RSC Advances*, **2015**, 5, 96888-96895	3.7	30
28	Construction of titanium dioxide/cadmium sulfide heterojunction on carbon fibers as weavable photocatalyst for eliminating various contaminants. *Journal of Colloid and Interface Science*, **2020**, 561, 307-317	9.3	28
27	Vis-NIR Light-Responsive Photocatalytic Activity of C3N4□Ag□Ag2O Heterojunction-Decorated Carbon-fiber Cloth as Efficient Filter-Membrane-Shaped Photocatalyst. *ChemCatChem*, **2019**, 11, 1362-1373	5.2	28
26	Synthesis of Yb 3+ /Er 3+ co-doped Bi 2 WO 6 nanosheets with enhanced photocatalytic activity. *Materials Letters*, **2016**, 163, 16-19	3.3	27
25	Hydrothermal synthesis of graphene/TiO2/CdS nanocomposites as efficient visible-light-driven photocatalysts. *Materials Letters*, **2017**, 194, 172-175	3.3	27
24	Construction of 980 nm laser-driven dye-sensitized photovoltaic cell with excellent performance for powering nanobiodevices implanted under the skin. *Journal of Materials Chemistry*, **2012**, 22, 18156		26
23	Synthesis of CuS nanoplate-containing PDMS film with excellent near-infrared shielding properties. *RSC Advances*, **2016**, 6, 18881-18890	3.7	25
22	Growth of TiO2 nanorod bundles on carbon fibers as flexible and weaveable photocatalyst/photoelectrode. *RSC Advances*, **2015**, 5, 102868-102876	3.7	23
21	Fabrication of MoS2/BiOBr heterojunctions on carbon fibers as a weaveable photocatalyst for tetracycline hydrochloride degradation and Cr(VI) reduction under visible light. *Environmental Science: Nano*, **2020**, 7, 2708-2722	7.1	22
20	Construction of Ag/AgCl-CN heterojunctions with enhanced photocatalytic activities for degrading contaminants in wastewater. *Journal of Colloid and Interface Science*, **2019**, 543, 25-33	9.3	21
19	Preparation of Yb3+/Er3+ co-doped BiOCl sheets as efficient visible-light-driven photocatalysts. *Materials Letters*, **2016**, 179, 154-157	3.3	21
18	BiOBr/Ag/AgBr heterojunctions decorated carbon fiber cloth with broad-spectral photoresponse as filter-membrane-shaped photocatalyst for the efficient purification of flowing wastewater. *Journal of Colloid and Interface Science*, **2021**, 587, 633-643	9.3	21
17	Synthesis of NiTiO3□Bi2MoO6 core□shell fiber-shaped heterojunctions as efficient and easily recyclable photocatalysts. *New Journal of Chemistry*, **2018**, 42, 411-419	3.6	20
16	Construction of C3N4/CdS nanojunctions on carbon fiber cloth as a filter-membrane-shaped photocatalyst for degrading flowing wastewater. *Journal of Alloys and Compounds*, **2021**, 851, 156743	5.7	19
15	MIL-101(Fe) nanodot-induced improvement of adsorption and photocatalytic activity of carbon fiber/TiO2-based weavable photocatalyst for removing pharmaceutical pollutants. *Journal of Cleaner Production*, **2021**, 290, 125782	10.3	18
14	Flexible fiber-shaped CuInSe2 solar cells with single-wire-structure: Design, construction and performance. *Nano Energy*, **2012**, 1, 769-776	17.1	17

List of Publications

13	Simultaneous control of morphology, phase and optical absorption of hydrophilic copper sulfide-based photothermal nanoagents through Cu/S precursor ratios. *Journal of Alloys and Compounds*, **2015**, 648, 98-103	5.7	14
12	Facile one-pot sonochemical synthesis of hydrophilic ultrasmall LaF3:Ce,Tb nanoparticles with green luminescence. *Progress in Natural Science: Materials International*, **2012**, 22, 488-492	3.6	12
11	Boosting the adsorption and photocatalytic activity of carbon fiber/MoS2-based weavable photocatalyst by decorating UiO-66-NH2 nanoparticles. *Chemical Engineering Journal*, **2021**, 417, 128112	14.7	12
10	Synthesis of Cu2ZnSnS4 film by air-stable molecular-precursor ink for constructing thin film solar cells. *RSC Advances*, **2014**, 4, 36046	3.7	8
9	Growth of Cu2O Spherical Superstructures on g-C3N4 as Efficient Visible-Light-Driven p□ Heterojunction Photocatalysts for Degrading Various Organic Pollutants. *Journal of Nanoscience and Nanotechnology*, **2018**, 18, 7355-7363	1.3	5
8	Decoration of amine functionalized zirconium metal organic framework/silver iodide heterojunction on carbon fiber cloth as a filter- membrane-shaped photocatalyst for degrading antibiotics. *Journal of Colloid and Interface Science*, **2021**, 603, 582-593	9.3	5
7	Fabrication of NH-MIL-125(Ti) nanodots on carbon fiber/MoS-based weavable photocatalysts for boosting the adsorption and photocatalytic performance.. *Journal of Colloid and Interface Science*, **2022**, 611, 706-717	9.3	4
6	Synthesis of ultrathin g-C3N4/graphene nanocomposites with excellent visible-light photocatalytic performances. *Functional Materials Letters*, **2019**, 12, 1950025	1.2	3
5	In situ growth of CuInS2 nanocrystals on nanoporous TiO2 film for constructing inorganic/organic heterojunction solar cells. *Nanoscale Research Letters*, **2013**, 8, 354	5	3
4	Synthesis of flexible and up-converting luminescent NaYF4:Yb,Er-PET composite film for constructing 980-nm laser-driven biopower. *RSC Advances*, **2016**, 6, 42763-42769	3.7	3
3	Synthesis of Cu2(OH)PO4 superstructures with NIR-laser enhanced photocatalytic activity. *Functional Materials Letters*, **2020**, 13, 2050015	1.2	1
2	Bismuth oxybromide/bismuth oxyiodide nanojunctions decorated on flexible carbon fiber cloth as easily recyclable photocatalyst for removing various pollutants from wastewater. *Journal of Colloid and Interface Science*, **2021**, 608, 2660-2660	9.3	1
1	Watermelon Flesh-Derived Carbon Aerogel with Hierarchical Porous Structure for Interfacial Solar Steam Generation. *Solar Rrl*,2200270	7.1	0