

Lisha Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2152077/publications.pdf>

Version: 2024-02-01

74
papers

9,750
citations

71061

41
h-index

76872

74
g-index

74
all docs

74
docs citations

74
times ranked

10831
citing authors

#	ARTICLE	IF	CITATIONS
1	Bismuth oxybromide/bismuth oxyiodide nanojunctions decorated on flexible carbon fiber cloth as easily recyclable photocatalyst for removing various pollutants from wastewater. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 2660-2671.	5.0	17
2	Fabrication of NH ₂ -MIL-125(Ti) nanodots on carbon fiber/MoS ₂ -based weavable photocatalysts for boosting the adsorption and photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 706-717.	5.0	43
3	Watermelon Flesh-Derived Carbon Aerogel with Hierarchical Porous Structure for Interfacial Solar Steam Generation. <i>Solar Rrl</i> , 2022, 6, .	3.1	12
4	Construction of C ₃ N ₄ /CdS nanojunctions on carbon fiber cloth as a filter-membrane-shaped photocatalyst for degrading flowing wastewater. <i>Journal of Alloys and Compounds</i> , 2021, 851, 156743.	2.8	40
5	BiOBr/Ag/AgBr heterojunctions decorated carbon fiber cloth with broad-spectral photoresponse as filter-membrane-shaped photocatalyst for the efficient purification of flowing wastewater. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 633-643.	5.0	45
6	Boosting the adsorption and photocatalytic activity of carbon fiber/MoS ₂ -based weavable photocatalyst by decorating UiO-66-NH ₂ nanoparticles. <i>Chemical Engineering Journal</i> , 2021, 417, 128112.	6.6	38
7	MIL-101(Fe) nanodot-induced improvement of adsorption and photocatalytic activity of carbon fiber/TiO ₂ -based weavable photocatalyst for removing pharmaceutical pollutants. <i>Journal of Cleaner Production</i> , 2021, 290, 125782.	4.6	52
8	TiO ₂ /BiOI p-n junction-decorated carbon fibers as weavable photocatalyst with UV-vis photoresponsive for efficiently degrading various pollutants. <i>Chemical Engineering Journal</i> , 2021, 415, 129019.	6.6	130
9	Decoration of amine functionalized zirconium metal organic framework/silver iodide heterojunction on carbon fiber cloth as a filter- membrane-shaped photocatalyst for degrading antibiotics. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 582-593.	5.0	20
10	Isocyanurate transformation induced healing of isocyanurate-oxazolidone polymers. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48698.	1.3	1
11	Fabrication of g-C ₃ N ₄ /BiOBr heterojunctions on carbon fibers as weaveable photocatalyst for degrading tetracycline hydrochloride under visible light. <i>Chemical Engineering Journal</i> , 2020, 386, 124010.	6.6	231
12	Construction of titanium dioxide/cadmium sulfide heterojunction on carbon fibers as weavable photocatalyst for eliminating various contaminants. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 307-317.	5.0	39
13	Fabrication of MoS ₂ /BiOBr heterojunctions on carbon fibers as a weavable photocatalyst for tetracycline hydrochloride degradation and Cr(VI) reduction under visible light. <i>Environmental Science: Nano</i> , 2020, 7, 2708-2722.	2.2	47
14	3D Printing of a self-healing, high strength, and reprocessable thermoset. <i>Polymer Chemistry</i> , 2020, 11, 6441-6452.	1.9	36
15	Synthesis of BiOBr/Ag ₃ PO ₄ heterojunctions on carbon-fiber cloth as filter-membrane-shaped photocatalyst for treating the flowing antibiotic wastewater. <i>Journal of Colloid and Interface Science</i> , 2020, 575, 183-193.	5.0	49
16	Aramid Nanofiber Reinforced Polymer Nanocomposites via Amide-Amide Hydrogen Bonding. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2934-2945.	2.0	43
17	Construction of TiO ₂ /Ag ₃ PO ₄ nanojunctions on carbon fiber cloth for photocatalytically removing various organic pollutants in static or flowing wastewater. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 213-221.	5.0	50
18	Synthesis of Cu ₂ (OH)PO ₄ superstructures with NIR-laser enhanced photocatalytic activity. <i>Functional Materials Letters</i> , 2020, 13, 2050015.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Construction of n-TiO ₂ /p-Ag ₂ O Junction on Carbon Fiber Cloth with Visâ€NIR Photoresponse as a Filter-Membrane-Shaped Photocatalyst. <i>Advanced Fiber Materials</i> , 2020, 2, 13-23.	7.9	126
20	Synthesis of ultrathin g-C ₃ N ₄ /graphene nanocomposites with excellent visible-light photocatalytic performances. <i>Functional Materials Letters</i> , 2019, 12, 1950025.	0.7	3
21	Synthesis of MoS ₂ /CdS Heterostructures on Carbonâ€Fiber Cloth as Filterâ€Membraneâ€Shaped Photocatalyst for Purifying the Flowing Wastewater under Visibleâ€Light Illumination. <i>ChemCatChem</i> , 2019, 11, 2855-2863.	1.8	49
22	Construction of Ag/AgCl-CN heterojunctions with enhanced photocatalytic activities for degrading contaminants in wastewater. <i>Journal of Colloid and Interface Science</i> , 2019, 543, 25-33.	5.0	31
23	MoS ₂ /Bi ₂ S ₃ heterojunctions-decorated carbon-fiber cloth as flexible and filter-membrane-shaped photocatalyst for the efficient degradation of flowing wastewater. <i>Journal of Alloys and Compounds</i> , 2019, 779, 599-608.	2.8	51
24	Visâ€NIR Lightâ€Responsive Photocatalytic Activity of C ₃ N ₄ /Agâ€Ag ₂ O Heterojunctionâ€Decorated Carbonâ€Fiber Cloth as Efficient Filterâ€Membraneâ€Shaped Photocatalyst. <i>ChemCatChem</i> , 2019, 11, 1362-1373.	1.8	38
25	TiO ₂ /MoS ₂ heterojunctions-decorated carbon fibers with broad-spectrum response as weaveable photocatalyst/photoelectrode. <i>Materials Research Bulletin</i> , 2019, 112, 354-362.	2.7	53
26	Synthesis of Au nanoparticle-decorated carbon nitride nanorods with plasmon-enhanced photoabsorption and photocatalytic activity for removing various pollutants from water. <i>Journal of Hazardous Materials</i> , 2018, 344, 1188-1197.	6.5	81
27	Preparation of TiO ₂ /Bi ₂ WO ₆ nanostructured heterojunctions on carbon fibers as a weaveable visible-light photocatalyst/photoelectrode. <i>Environmental Science: Nano</i> , 2018, 5, 327-337.	2.2	80
28	Novel self-healing CFRP composites with high glass transition temperatures. <i>Composites Science and Technology</i> , 2018, 168, 96-103.	3.8	32
29	Synthesis of ZnWO ₄ â€x nanorods with oxygen vacancy for efficient photocatalytic degradation of tetracycline. <i>Progress in Natural Science: Materials International</i> , 2018, 28, 408-415.	1.8	61
30	Preparation of TiO ₂ /C ₃ N ₄ heterojunctions on carbon-fiber cloth as efficient filter-membrane-shaped photocatalyst for removing various pollutants from the flowing wastewater. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 798-807.	5.0	85
31	Synthesis of NiTiO ₃ /Bi ₂ MoO ₆ coreâ€shell fiber-shaped heterojunctions as efficient and easily recyclable photocatalysts. <i>New Journal of Chemistry</i> , 2018, 42, 411-419.	1.4	24
32	Hydrothermal synthesis of graphene/TiO ₂ /CdS nanocomposites as efficient visible-light-driven photocatalysts. <i>Materials Letters</i> , 2017, 194, 172-175.	1.3	31
33	High service temperature, self-mendable thermosets networked by isocyanurate rings. <i>Polymer</i> , 2017, 114, 249-256.	1.8	12
34	Synthesis of Ta ₃ N ₅ /Bi ₂ MoO ₆ coreâ€shell fiber-shaped heterojunctions as efficient and easily recyclable photocatalysts. <i>Environmental Science: Nano</i> , 2017, 4, 1155-1167.	2.2	180
35	Growth of C ₃ N ₄ nanosheets on carbon-fiber cloth as flexible and macroscale filter-membrane-shaped photocatalyst for degrading the flowing wastewater. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 425-431.	10.8	132
36	Synthesis of flower-like Ag ₂ O/BiO ₂ p-n heterojunction with enhanced visible light photocatalytic activity. <i>Applied Surface Science</i> , 2017, 397, 95-103.	3.1	81

#	ARTICLE	IF	CITATIONS
37	High Efficiency CdS/CdSe Quantum Dot Sensitized Solar Cells with Two ZnSe Layers. ACS Applied Materials & Interfaces, 2016, 8, 34482-34489.	4.0	85
38	Preparation of Yb ³⁺ /Er ³⁺ co-doped BiOCl sheets as efficient visible-light-driven photocatalysts. Materials Letters, 2016, 179, 154-157.	1.3	23
39	Synthesis of flexible and up-converting luminescent NaYF ₄ :Yb,Er-PET composite film for constructing 980-nm laser-driven biopower. RSC Advances, 2016, 6, 42763-42769.	1.7	3
40	Synthesis of BiOBr/WO ₃ heterojunctions with enhanced visible light photocatalytic activity. CrystEngComm, 2016, 18, 3856-3865.	1.3	104
41	Synthesis of CuS nanoplate-containing PDMS film with excellent near-infrared shielding properties. RSC Advances, 2016, 6, 18881-18890.	1.7	26
42	Visible-light-driven photocatalytic inactivation of Escherichia coli by magnetic Fe ₂ O ₃ @AgBr. Water Research, 2016, 90, 111-118.	5.3	106
43	Synthesis of Yb ³⁺ /Er ³⁺ co-doped Bi ₂ WO ₆ nanosheets with enhanced photocatalytic activity. Materials Letters, 2016, 163, 16-19.	1.3	36
44	Fe ₂ O ₃ @AgBr nonwoven cloth with hierarchical nanostructures as efficient and easily recyclable macroscale photocatalysts. RSC Advances, 2015, 5, 10951-10959.	1.7	34
45	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.	2.8	15
46	Flower-like Bi ₂ S ₃ /Bi ₂ MoO ₆ heterojunction superstructures with enhanced visible-light-driven photocatalytic activity. RSC Advances, 2015, 5, 75081-75088.	1.7	78
47	Growth of TiO ₂ nanorod bundles on carbon fibers as flexible and weavable photocatalyst/photoelectrode. RSC Advances, 2015, 5, 102868-102876.	1.7	27
48	Synthesis of polypyrrole nanoparticles for constructing full-polymer UV/NIR-shielding film. RSC Advances, 2015, 5, 96888-96895.	1.7	46
49	Synthesis of Cu ₂ ZnSnS ₄ film by air-stable molecular-precursor ink for constructing thin film solar cells. RSC Advances, 2014, 4, 36046.	1.7	9
50	Semiconductor heterojunction photocatalysts: design, construction, and photocatalytic performances. Chemical Society Reviews, 2014, 43, 5234.	18.7	3,257
51	Ta ₃ N ₅ -Pt nonwoven cloth with hierarchical nanopores as efficient and easily recyclable macroscale photocatalysts. Scientific Reports, 2014, 4, 3978.	1.6	52
52	In situ growth of CuInS ₂ nanocrystals on nanoporous TiO ₂ film for constructing inorganic/organic heterojunction solar cells. Nanoscale Research Letters, 2013, 8, 354.	3.1	4
53	Surface decoration of Bi ₂ WO ₆ superstructures with Bi ₂ O ₃ nanoparticles: an efficient method to improve visible-light-driven photocatalytic activity. CrystEngComm, 2013, 15, 9011.	1.3	75
54	Ultrathin PEGylated W ₁₈ O ₄₉ Nanowires as a New 980 nm Laser-Driven Photothermal Agent for Efficient Ablation of Cancer Cells In Vivo. Advanced Materials, 2013, 25, 2095-2100.	11.1	370

#	ARTICLE	IF	CITATIONS
55	Construction of 980 nm laser-driven dye-sensitized photovoltaic cell with excellent performance for powering nanobiodevices implanted under the skin. <i>Journal of Materials Chemistry</i> , 2012, 22, 18156.	6.7	26
56	Facile one-pot sonochemical synthesis of hydrophilic ultrasmall LaF ₃ :Ce,Tb nanoparticles with green luminescence. <i>Progress in Natural Science: Materials International</i> , 2012, 22, 488-492.	1.8	15
57	Flexible fiber-shaped CuInSe ₂ solar cells with single-wire-structure: Design, construction and performance. <i>Nano Energy</i> , 2012, 1, 769-776.	8.2	21
58	Naturally Occurring Sphalerite As a Novel Cost-Effective Photocatalyst for Bacterial Disinfection under Visible Light. <i>Environmental Science & Technology</i> , 2011, 45, 5689-5695.	4.6	202
59	Bi ₂ WO ₆ micro/nano-structures: Synthesis, modifications and visible-light-driven photocatalytic applications. <i>Applied Catalysis B: Environmental</i> , 2011, 106, 1-1.	10.8	110
60	980 nm Laser-Driven Photovoltaic Cells Based on Rare-Earth Up-Converting Phosphors for Biomedical Applications. <i>Advanced Functional Materials</i> , 2009, 19, 3815-3820.	7.8	75
61	AgBr-Ag-Bi ₂ WO ₆ nanojunction system: A novel and efficient photocatalyst with double visible-light active components. <i>Applied Catalysis A: General</i> , 2009, 363, 221-229.	2.2	304
62	Single-Crystalline BiVO ₄ Microtubes with Square Cross-Sections: Microstructure, Growth Mechanism, and Photocatalytic Property. <i>Journal of Physical Chemistry C</i> , 2007, 111, 13659-13664.	1.5	247
63	Fabrication of flower-like Bi ₂ WO ₆ superstructures as high performance visible-light driven photocatalysts. <i>Journal of Materials Chemistry</i> , 2007, 17, 2526.	6.7	439
64	Ultrasonic-assisted synthesis of visible-light-induced Bi ₂ MO ₆ (M=W, Mo) photocatalysts. <i>Journal of Molecular Catalysis A</i> , 2007, 268, 195-200.	4.8	184
65	Bi ₂ WO ₆ Nano- and Microstructures: Shape Control and Associated Visible-Light-Driven Photocatalytic Activities. <i>Small</i> , 2007, 3, 1618-1625.	5.2	566
66	Preparation of Fenton reagent with H ₂ O ₂ generated by solar light-illuminated nano-Cu ₂ O/MWNTs composites. <i>Applied Catalysis A: General</i> , 2006, 299, 292-297.	2.2	95
67	Electrodeposited nanoporous ZnO films exhibiting enhanced performance in dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2006, 51, 5870-5875.	2.6	146
68	A sonochemical route to visible-light-driven high-activity BiVO ₄ photocatalyst. <i>Journal of Molecular Catalysis A</i> , 2006, 252, 120-124.	4.8	340
69	Sonochemical synthesis of nanocrystallite Bi ₂ O ₃ as a visible-light-driven photocatalyst. <i>Applied Catalysis A: General</i> , 2006, 308, 105-110.	2.2	356
70	Adsorption of nicotine and tar from the mainstream smoke of cigarettes by oxidized carbon nanotubes. <i>Applied Surface Science</i> , 2006, 252, 2933-2937.	3.1	55
71	Silver vanadium oxides nanobelts and their chemical reduction to silver nanobelts. <i>Journal of Crystal Growth</i> , 2006, 293, 404-408.	0.7	22
72	Ultrasonic-induced growth of crystalline tellurium nanorods and related branched structures. <i>Journal of Crystal Growth</i> , 2006, 295, 69-74.	0.7	12

#	ARTICLE	IF	CITATIONS
73	Electrodeposition and characterization of nanocrystalline cuprous oxide thin films on TiO ₂ films. Materials Letters, 2005, 59, 434-438.	1.3	78
74	Low temperature cathodic electrodeposition of nanocrystalline zinc oxide thin films. Thin Solid Films, 2005, 492, 24-29.	0.8	63