

Liping Zhang

List of Publications by Citations

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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.

27
papers

959
citations

14
h-index

28
g-index

28
ext. papers

1,405
ext. citations

14.3
avg, IF

5.28
L-index

#	Paper	IF	Citations
27	A Promoted Charge Separation/Transfer System from Cu Single Atoms and C N Layers for Efficient Photocatalysis. <i>Advanced Materials</i> , 2020 , 32, e2003082	24	144
26	Toward designing semiconductor-semiconductor heterojunctions for photocatalytic applications. <i>Applied Surface Science</i> , 2018 , 430, 2-17	6.7	141
25	Characterization of semiconductor photocatalysts. <i>Chemical Society Reviews</i> , 2019 , 48, 5184-5206	58.5	126
24	Integrating 2D/2D CdS/Fe2O3 ultrathin bilayer Z-scheme heterojunction with metallic NiS nanosheet-based ohmic-junction for efficient photocatalytic H2 evolution. <i>Applied Catalysis B: Environmental</i> , 2020 , 266, 118619	21.8	114
23	Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4815-4822	16.4	82
22	Three-dimensional assemblies of carbon nitride tubes as nanoreactors for enhanced photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 305-312	13	60
21	Assembly of TiO2 ultrathin nanosheets with surface lattice distortion for solar-light-driven photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2018 , 239, 317-323	21.8	49
20	Facile formation of metallic bismuth/bismuth oxide heterojunction on porous carbon with enhanced photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 82-91	9.3	40
19	One-Pot Synthesis of MeAl2O4 (Me = Ni, Co, or Cu) Supported on Al2O3 with Ultralarge Mesopores: Enhancing Interfacial Defects in Al2O3 To Facilitate the Formation of Spinel Structures at Lower Temperatures. <i>Chemistry of Materials</i> , 2018 , 30, 436-446	9.6	38
18	Development of nickel-incorporated MCM-41/carbon composites and their application in nitrophenol reduction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 9618-9628	13	32
17	TiO-on-CN double-shell microtubes: In-situ fabricated heterostructures toward enhanced photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2020 , 572, 22-30	9.3	30
16	Identification of preferentially exposed crystal facets by X-ray diffraction.. <i>RSC Advances</i> , 2020 , 10, 5585-5589	5.589	25
15	SBA-15 templating synthesis of mesoporous bismuth oxide for selective removal of iodide. <i>Journal of Colloid and Interface Science</i> , 2017 , 501, 248-255	9.3	16
14	Strategies for development of nanoporous materials with 2D building units. <i>Chemical Society Reviews</i> , 2020 ,	58.5	16
13	Capture of Iodide by Bismuth Vanadate and Bismuth Oxide: An Insight into the Process and its Aftermath. <i>ChemSusChem</i> , 2018 , 11, 1486-1493	8.3	12
12	Single Metal Atom Decorated Carbon Nitride for Efficient Photocatalysis: Synthesis, Structure, and Applications. <i>Solar Rrl</i> , 2021 , 5, 2000609	7.1	11
11	Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation. <i>Angewandte Chemie</i> , 2021 , 133, 4865-4872	3.6	6

10	Fundamentals of adsorption for photocatalysis. <i>Interface Science and Technology</i> , 2020 , 39-62	2.3	5
9	A generalized strategy for synthesizing crystalline bismuth-containing nanomaterials. <i>Nanoscale</i> , 2020 , 12, 8277-8284	7.7	4
8	Interfacial engineering by creating Cu-based ternary heterostructures on CN tubes towards enhanced photocatalytic oxidative coupling of benzylamines.. <i>RSC Advances</i> , 2020 , 10, 28059-28065	3.7	4
7	Constructing Pd-N interactions in Pd/g-C ₃ N ₄ to improve the charge dynamics for efficient photocatalytic hydrogen evolution. <i>Nano Research</i> ,	10	2
6	A Unique Fe-N Coordination System Enabling Transformation of Oxygen into Superoxide for Photocatalytic C-H Activation with High Efficiency and Selectivity.. <i>Advanced Materials</i> , 2022 , e2200612	24	1
5	Do college science laboratory courses inherit the gender gap from lecture courses?. <i>Education for Chemical Engineers</i> , 2020 , 31, 38-41	2.4	0
4	Physicochemical Investigation into Major League Baseballs in the Era of Unprecedented Rise in Home Runs. <i>ACS Omega</i> , 2019 , 4, 20109-20117	3.9	0
3	Innenrücktitelbild: Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation (Angew. Chem. 9/2021). <i>Angewandte Chemie</i> , 2021 , 133, 5003-5003	3.6	0
2	Creation of Mo active sites on indium oxide microrods for photocatalytic amino acid production. <i>Science China Materials</i> , 2022 , 65, 1285-1293	7.1	0
1	Rules all PIs should follow.. <i>Science</i> , 2022 , 376, 24-26	33.3	