

Yunfeng Li

List of Publications by Year in descending order

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29
papers

2,059
citations

394421

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#	ARTICLE	IF	CITATIONS
1	Macroscopic Foam-Like Holey Ultrathin $g\text{-C}_3\text{N}_4$ Nanosheets for Drastic Improvement of Visible-Light Photocatalytic Activity. <i>Advanced Energy Materials</i> , 2016, 6, 1601273.	19.5	466
2	Recent advances in $g\text{-C}_3\text{N}_4$ -based heterojunction photocatalysts. <i>Journal of Materials Science and Technology</i> , 2020, 56, 1-17.	10.7	297
3	Preparation and enhanced visible light photocatalytic activity of novel $g\text{-C}_3\text{N}_4$ nanosheets loaded with Ag_2CO_3 nanoparticles. <i>Nanoscale</i> , 2015, 7, 758-764.	5.6	166
4	Preparation of Carbon-Rich $g\text{-C}_3\text{N}_4$ Nanosheets with Enhanced Visible Light Utilization for Efficient Photocatalytic Hydrogen Production. <i>Small</i> , 2017, 13, 1701552.	10.0	142
5	In situ loading of Ag_2WO_4 on ultrathin $g\text{-C}_3\text{N}_4$ nanosheets with highly enhanced photocatalytic performance. <i>Journal of Hazardous Materials</i> , 2016, 313, 219-228.	12.4	135
6	Review on $g\text{-C}_3\text{N}_4$ -based S-scheme heterojunction photocatalysts. <i>Journal of Materials Science and Technology</i> , 2022, 125, 128-144.	10.7	126
7	Preparation and enhanced photocatalytic performance of sulfur doped terminal-methylated $g\text{-C}_3\text{N}_4$ nanosheets with extended visible-light response. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20640-20648.	10.3	105
8	Co-monomer engineering optimized electron delocalization system in carbon-bridging modified $g\text{-C}_3\text{N}_4$ nanosheets with efficient visible-light photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2020, 274, 119116.	20.2	92
9	Preparation of novel 0D/2D $\text{Ag}_2\text{WO}_4/\text{WO}_3$ Step-scheme heterojunction with effective interfacial charges transfer for photocatalytic contaminants degradation and mechanism insight. <i>Chemical Engineering Journal</i> , 2021, 420, 130361.	12.7	58
10	Self-Assembly of Three-Dimensional Zinc-Doped NiCo_2O_4 as Efficient Electrocatalysts for Oxygen Evolution Reaction. <i>Chemistry - A European Journal</i> , 2018, 24, 13002-13008.	3.3	51
11	Ultrathin $g\text{-C}_3\text{N}_4$ Nanosheets Coupled with AgIO_3 as Highly Efficient Heterostructured Photocatalysts for Enhanced Visible-Light Photocatalytic Activity. <i>Chemistry - A European Journal</i> , 2015, 21, 17739-17747.	3.3	40
12	Effects of the preparation method of $\text{Pt}/g\text{-C}_3\text{N}_4$ photocatalysts on their efficiency for visible-light hydrogen production. <i>Dalton Transactions</i> , 2019, 48, 15068-15073.	3.3	39
13	Surfactants-assisted preparation of BiVO_4 with novel morphologies via microwave method and CdS decoration for enhanced photocatalytic properties. <i>Journal of Hazardous Materials</i> , 2020, 387, 122019.	12.4	39
14	Construction of novel 2D/1D $g\text{-C}_3\text{N}_4/\text{CaTiO}_3$ heterojunction with face-to-face contact for boosting photodegradation of triphenylmethane dyes under simulated sunlight. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 107, 98-109.	5.3	36
15	$\text{Bi}_4\text{O}_5\text{Br}_2$ anchored on Ti_3C_2 MXene with ohmic heterojunction in photocatalytic NH_3 production: Insights from combined experimental and theoretical calculations. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 553-562.	9.4	35
16	Negative inductive effect enhances charge transfer driving in sulfonic acid functionalized graphitic carbon nitride with efficient visible-light photocatalytic performance. <i>Chinese Journal of Catalysis</i> , 2022, 43, 526-535.	14.0	35
17	Sandwich-Structured Graphene-Nickel Silicate-Nickel Ternary Composites as Superior Anode Materials for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2015, 21, 9014-9017.	3.3	32
18	In situ thermal-assisted loading of monodispersed Pt nanoclusters on CdS nanoflowers for efficient photocatalytic hydrogen evolution. <i>Applied Surface Science</i> , 2020, 506, 144933.	6.1	31

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19	All-Solid-State Z-scheme Ta ₃ N ₅ /Bi/CaTaO ₂ N photocatalyst transformed from perovskite CaBi ₂ Ta ₂ O ₉ for efficient overall water splitting. <i>Chemical Engineering Journal</i> , 2022, 431, 134041.	12.7	22
20	Facile Synthesis of Hierarchical Magnesium Silicate Hollow Nanofibers Assembled by Nanosheets as an Efficient Adsorbent. <i>ChemPlusChem</i> , 2015, 80, 544-548.	2.8	19
21	Preparation of phenyl group functionalized g-C ₃ N ₄ nanosheets with extended electron delocalization for enhanced visible-light photocatalytic activity. <i>New Journal of Chemistry</i> , 2018, 42, 6756-6762.	2.8	19
22	In situ reduction of well-dispersed nickel nanoparticles on hierarchical nickel silicate hollow nanofibers as a highly efficient transition metal catalyst. <i>RSC Advances</i> , 2016, 6, 32580-32585.	3.6	15
23	Enhanced photoexcited carrier separation in Ta ₃ N ₅ /SrTaO ₂ N (1D/0D) heterojunctions for highly efficient visible light-driven hydrogen evolution. <i>Applied Surface Science</i> , 2020, 514, 145915.	6.1	15
24	An Eco-Friendly Nitrogen Source for the Preparation of Vanadium Nitride/Nitrogen-Doped Carbon Nanocomposites for Supercapacitors. <i>ChemElectroChem</i> , 2019, 6, 3445-3453.	3.4	11
25	Synthesis of Ni-doped anatase TiO ₂ single crystals loaded on wood-based activated carbon for enhanced photodegradation of triphenylmethane dyes. <i>Environmental Science and Pollution Research</i> , 2021, 28, 6491-6503.	5.3	9
26	Preparation of two-dimensional mesoporous Ta ₃ N ₅ by utilizing a biological template for enhanced photocatalytic hydrogen production. <i>Ceramics International</i> , 2022, 48, 22297-22304.	4.8	9
27	Highly crystalline sulfur and oxygen co-doped g-C ₃ N ₄ nanosheets as an advanced photocatalyst for efficient hydrogen generation. <i>Catalysis Science and Technology</i> , 2022, 12, 5136-5142.	4.1	8
28	Preparation of TiO ₂ Nanosponge-Supported Noble Metal Catalysts and Their Application to 4-Nitrophenol Reduction and CO Oxidation. <i>ChemistrySelect</i> , 2017, 2, 11456-11461.	1.5	4
29	Preparation of Tungsten-Based Polyvinyl Alcohol Waterborne Coating and Development of Photochromic Composite Fabric. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100540.	3.6	3