

# Lijun Liu

## List of Publications by Year in descending order

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30  
papers

1,322  
citations

361045

20  
h-index

454577

30  
g-index

30  
all docs

30  
docs citations

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times ranked

1737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unique insights into photocatalytic VOCs oxidation over WO <sub>3</sub> /carbon dots nanohybrids assisted by water activation and electron transfer at interfaces. <i>Journal of Hazardous Materials</i> , 2022, 423, 127134.	6.5	31
2	Ionized cocatalyst to promote CO <sub>2</sub> photoreduction activity over core-shell triple-shell ZnO hollow spheres. <i>Rare Metals</i> , 2022, 41, 1077-1079.	3.6	20
3	Catalytic transfer hydrogenation of nitrobenzene over Ti <sub>3</sub> C <sub>2</sub> /Pd nanohybrids boosted by electronic modification and hydrogen evolution inhibition. <i>Applied Surface Science</i> , 2022, 592, 153334.	3.1	12
4	Integrated p-n/Schottky junctions for efficient photocatalytic hydrogen evolution upon Cu@TiO <sub>2</sub> -Cu <sub>2</sub> O ternary hybrids with steering charge transfer. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 924-937.	5.0	31
5	Photocatalytic antibacterial and osteoinductivity. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1051-1053.	6.9	10
6	Ti <sub>3</sub> C <sub>2</sub> MXene-modified Bi <sub>2</sub> WO <sub>6</sub> nanoplates for efficient photodegradation of volatile organic compounds. <i>Applied Surface Science</i> , 2020, 503, 144183.	3.1	81
7	Hydrogen evolution over N-doped CoS <sub>2</sub> nanosheets enhanced by superaerophobicity and electronic modulation. <i>Applied Surface Science</i> , 2020, 504, 144490.	3.1	50
8	Morphology analysis and luminescence properties of YVO <sub>4</sub> :Sm <sup>3+</sup> ,Eu <sup>3+</sup> prepared by molten salt synthesis. <i>Optical Materials</i> , 2020, 100, 109633.	1.7	8
9	Molten salt synthesis and color manipulation of YVO <sub>4</sub> :Bi <sup>3+</sup> ,Eu <sup>3+</sup> phosphors. <i>Journal of Alloys and Compounds</i> , 2020, 826, 154187.	2.8	6
10	S-scheme Heterojunction Photocatalyst for CO <sub>2</sub> Photoreduction. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2020, .	2.2	13
11	Hydrogen adsorption-induced catalytic enhancement over Cu nanoparticles immobilized by layered Ti <sub>3</sub> C <sub>2</sub> MXene. <i>Applied Catalysis B: Environmental</i> , 2019, 252, 198-204.	10.8	119
12	Built-in electric field-assisted charge separation over carbon dots-modified Bi <sub>2</sub> WO <sub>6</sub> nanoplates for photodegradation. <i>Applied Surface Science</i> , 2019, 465, 164-171.	3.1	56
13	Electron transfer-induced catalytic enhancement over bismuth nanoparticles supported by N-doped graphene. <i>Chemical Engineering Journal</i> , 2018, 334, 1691-1698.	6.6	50
14	N-Doped graphene-supported PdCu nanoalloy as efficient catalyst for reducing Cr(VI) by formic acid. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3457-3464.	1.3	32
15	Energy transfer and color-tunable luminescence properties of YVO <sub>4</sub> :RE (RE = Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 synthesis. <i>Optical Materials Express</i> , 2018, 8, 1686.	1.6	15
16	PdCu nanoalloy immobilized in ZIF-derived N-doped carbon/graphene nanosheets: Alloying effect on catalysis. <i>Chemical Engineering Journal</i> , 2018, 353, 311-318.	6.6	52
17	Dicyanamide Bridged Cu(II) <sub>36</sub> -Metallacrown-6 Complex with 1,4,7-Triisopropyl-1,4,7-Triazacyclononane and Binding Properties with DNA. <i>Molecules</i> , 2018, 23, 1269.	1.7	5
18	Novel microporous β-cyclodextrin polymer as sorbent for solid-phase extraction of bisphenols in water samples and orange juice. <i>Talanta</i> , 2018, 187, 207-215.	2.9	53

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19	Amorphous NiB/carbon nanohybrids: synthesis and catalytic enhancement induced by electron transfer. <i>RSC Advances</i> , 2016, 6, 94451-94458.	1.7	13
20	Catalytic reduction of 4-nitrophenol over Ni-Pd nanodimers supported on nitrogen-doped reduced graphene oxide. <i>Journal of Hazardous Materials</i> , 2016, 320, 96-104.	6.5	121
21	Hierarchical growth of Cu zigzag microstrips on Cu foil for superhydrophobicity and corrosion resistance. <i>Chemical Engineering Journal</i> , 2015, 281, 804-812.	6.6	49
22	Fabrication of superhydrophobic copper sulfide film for corrosion protection of copper. <i>Surface and Coatings Technology</i> , 2015, 272, 221-228.	2.2	36
23	Eco-Friendly Fabrication of Superhydrophobic Bayerite Array on Al Foil via an Etching and Growth Process. <i>Journal of Physical Chemistry C</i> , 2013, 117, 25519-25525.	1.5	46
24	Facile fabrication of non-sticking superhydrophobic boehmite film on Al foil. <i>Applied Surface Science</i> , 2012, 258, 8928-8933.	3.1	33
25	Facile Fabrication of a Superhydrophobic Cu Surface via a Selective Etching of High-Energy Facets. <i>Journal of Physical Chemistry C</i> , 2012, 116, 18722-18727.	1.5	95
26	Heterostructured mesoporous In <sub>2</sub> O <sub>3</sub> /Ta <sub>2</sub> O <sub>5</sub> composite photocatalysts for hydrogen evolution: Impacts of In <sub>2</sub> O <sub>3</sub> content and calcination temperature. <i>Journal of Colloid and Interface Science</i> , 2012, 377, 160-168.	5.0	36
27	Solution-Phase Synthesis of Superhydrophobic Copper Surface with Dual Scale Roughness. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2012, 28, 693-698.	2.2	4
28	Nickel flower-like nanostructures composed of nanoplates: one-pot synthesis, stepwise growth mechanism and enhanced ferromagnetic properties. <i>CrystEngComm</i> , 2011, 13, 2636.	1.3	71
29	Fabrication of superhydrophobic surface by hierarchical growth of lotus-leaf-like boehmite on aluminum foil. <i>Journal of Colloid and Interface Science</i> , 2011, 358, 277-283.	5.0	90
30	Facile Synthesis and Growth Mechanism of Flowerlike Ni <sup>2+</sup> /Fe Alloy Nanostructures. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13565-13570.	1.5	84