

Lijun Liu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,322
citations

361045

20
h-index

454577

30
g-index

30
all docs

30
docs citations

30
times ranked

1737
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Hydrogen adsorption-induced catalytic enhancement over Cu nanoparticles immobilized by layered Ti ₃ C ₂ MXene. <i>Applied Catalysis B: Environmental</i> , 2019, 252, 198-204.	10.8	119
3	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
4	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
5	Facile Synthesis and Growth Mechanism of Flowerlike Ni~Fe Alloy Nanostructures. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13565-13570.	1.5	84
6	Ti ₃ C ₂ MXene-modified Bi ₂ WO ₆ nanoplates for efficient photodegradation of volatile organic compounds. <i>Applied Surface Science</i> , 2020, 503, 144183.	3.1	81
7	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
8	Built-in electric field-assisted charge separation over carbon dots-modified Bi ₂ WO ₆ nanoplates for photodegradation. <i>Applied Surface Science</i> , 2019, 465, 164-171.	3.1	56
9	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
10	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
11	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
12	Hydrogen evolution over N-doped CoS ₂ nanosheets enhanced by superaerophobicity and electronic modulation. <i>Applied Surface Science</i> , 2020, 504, 144490.	3.1	50
13	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
14	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
15	Heterostructured mesoporous In ₂ O ₃ /Ta ₂ O ₅ composite photocatalysts for hydrogen evolution: Impacts of In ₂ O ₃ content and calcination temperature. <i>Journal of Colloid and Interface Science</i> , 2012, 377, 160-168.	5.0	36
16	Fabrication of superhydrophobic copper sulfide film for corrosion protection of copper. <i>Surface and Coatings Technology</i> , 2015, 272, 221-228.	2.2	36
17	Facile fabrication of non-sticking superhydrophobic boehmite film on Al foil. <i>Applied Surface Science</i> , 2012, 258, 8928-8933.	3.1	33
18	N-Doped graphene-supported PdCu nanoalloy as efficient catalyst for reducing Cr(III) by formic acid. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3457-3464.	1.3	32

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19	Unique insights into photocatalytic VOCs oxidation over WO ₃ /carbon dots nanohybrids assisted by water activation and electron transfer at interfaces. <i>Journal of Hazardous Materials</i> , 2022, 423, 127134.	6.5	31
20	Integrated p-n/Schottky junctions for efficient photocatalytic hydrogen evolution upon Cu@TiO ₂ -Cu ₂ O ternary hybrids with steering charge transfer. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 924-937.	5.0	31
21	Ionized cocatalyst to promote CO ₂ photoreduction activity over core-shell ZnO hollow spheres. <i>Rare Metals</i> , 2022, 41, 1077-1079.	3.6	20
22	Energy transfer and color-tunable luminescence properties of YVO ₄ :RE (RE = Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td synthesis. <i>Optical Materials Express</i> , 2018, 8, 1686.	1.6	15
23	Amorphous NiB/carbon nanohybrids: synthesis and catalytic enhancement induced by electron transfer. <i>RSC Advances</i> , 2016, 6, 94451-94458.	1.7	13
24	S-scheme Heterojunction Photocatalyst for CO ₂ Photoreduction. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2020, .	2.2	13
25	Catalytic transfer hydrogenation of nitrobenzene over Ti ₃ C ₂ /Pd nanohybrids boosted by electronic modification and hydrogen evolution inhibition. <i>Applied Surface Science</i> , 2022, 592, 153334.	3.1	12
26	Photocatalytic antibacterial and osteoinductivity. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1051-1053.	6.9	10
27	Morphology analysis and luminescence properties of YVO ₄ :Sm ³⁺ ,Eu ³⁺ prepared by molten salt synthesis. <i>Optical Materials</i> , 2020, 100, 109633.	1.7	8
28	Molten salt synthesis and color manipulation of YVO ₄ :Bi ³⁺ ,Eu ³⁺ phosphors. <i>Journal of Alloys and Compounds</i> , 2020, 826, 154187.	2.8	6
29	Dicyanamide Bridged Cu(II) ₃₆ -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
30	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