

# Jinlong Li

## List of Publications by Year in descending order

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36  
papers

656  
citations

567281

15  
h-index

580821

25  
g-index

36  
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36  
docs citations

36  
times ranked

323  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of g-C <sub>3</sub> N <sub>4</sub> /Ag-TiO <sub>2</sub> ternary hollowsphere nanoheterojunction catalyst with high visible light photocatalytic performance. Journal of Alloys and Compounds, 2020, 823, 153851.	5.5	77
2	Structure-designed synthesis of hollow/porous cobalt sulfide/phosphide based materials for optimizing supercapacitor storage properties and hydrogen evolution reaction. Journal of Colloid and Interface Science, 2021, 599, 577-585.	9.4	64
3	Constructing supramolecular self-assembled porous g-C <sub>3</sub> N <sub>4</sub> nanosheets containing thiophene-groups for excellent photocatalytic performance under visible light. Applied Surface Science, 2022, 578, 152064.	6.1	58
4	ZIF-L-derived porous C-doped ZnO/CdS graded nanorods with Z-scheme heterojunctions for enhanced photocatalytic hydrogen evolution. International Journal of Hydrogen Energy, 2022, 47, 11190-11202.	7.1	52
5	A novel composite anode via immobilizing of Ce-doped PbO <sub>2</sub> on CoTiO <sub>3</sub> for efficiently electrocatalytic degradation of dye. Journal of Colloid and Interface Science, 2022, 608, 2921-2931.	9.4	30
6	Removal of volatile organic compounds from air using supported ionic liquid membrane containing ultraviolet-visible light-driven Nd-TiO <sub>2</sub> nanoparticles. Journal of Molecular Structure, 2021, 1231, 130023.	3.6	26
7	Oxygen vacancies-rich NiCo <sub>2</sub> O <sub>4</sub> -4x nanowires assembled on porous carbon derived from cigarette ash: A competitive candidate for hydrogen evolution reaction and supercapacitor. Journal of Energy Storage, 2022, 50, 104280.	8.1	24
8	Nanocomposite of Cu-TiO <sub>2</sub> -SiO <sub>2</sub> with High Photoactive Performance for Degradation of Rhodamine B Dye in Aqueous Wastewater. Journal of Nanoscience and Nanotechnology, 2012, 12, 6265-6270.	0.9	23
9	Preparation of hollow Nd/TiO <sub>2</sub> sub-microspheres with enhanced visible-light photocatalytic activity. RSC Advances, 2017, 7, 34857-34865.	3.6	23
10	Synthesis and photocatalytic properties of visible-light-responsive, three-dimensional, flower-like La-TiO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> heterojunction composites. RSC Advances, 2018, 8, 29645-29653.	3.6	23
11	Synthesis of 3D flower-like structured Gd/TiO <sub>2</sub> @rGO nanocomposites via a hydrothermal method with enhanced visible-light photocatalytic activity. RSC Advances, 2019, 9, 31177-31185.	3.6	22
12	Inverted design of oxygen vacancies modulated NiCo <sub>2</sub> O <sub>4</sub> and Co <sub>3</sub> O <sub>4</sub> microspheres with superior specific surface area as competitive bifunctional materials for supercapacitor and hydrogen evolution reaction. Journal of Energy Storage, 2022, 49, 104083.	8.1	22
13	Separation of VOC vapor from air by a surface-soaked liquid membrane module using triethylene glycol. Separation and Purification Technology, 2009, 68, 283-287.	7.9	19
14	<i>In situ</i> fabrication of a Ni-Fe-S hollow hierarchical sphere: an efficient (pre)catalyst for OER and HER. New Journal of Chemistry, 2021, 45, 12996-13003.	2.8	18
15	Dual-emission ratiometric fluorescence probe based on copper nanoclusters for the detection of rutin and picric acid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 270, 120829.	3.9	18
16	Photocatalytic Performance of a Nd-SiO <sub>2</sub> /TiO <sub>2</sub> Nanocomposite for Degradation of Rhodamine B Dye Wastewater. Journal of Nanoscience and Nanotechnology, 2015, 15, 1408-1415.	0.9	17
17	Hybrid-atom-doped NiMoO <sub>4</sub> nanotubes for oxygen evolution reaction. New Journal of Chemistry, 2020, 44, 17477-17482.	2.8	17
18	Integration detection of mercury( <sup>II</sup> ) and GSH with a fluorescent <i>on-off-on</i> switch sensor based on nitrogen, sulfur co-doped carbon dots. RSC Advances, 2022, 12, 1989-1997.	3.6	16

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19	Oxygen vacancy rich and phosphate ions modulated hierarchical mesoporous NiCo <sub>2</sub> O <sub>4</sub> -CoO hollow nanocubes as efficient and stable electrodes for high-performance supercapacitor. <i>Journal of Energy Storage</i> , 2022, 52, 104849.	8.1	15
20	Preparation and photocatalytic performance of a Prâ€“SiO <sub>2</sub> /TiO <sub>2</sub> nanocomposite for degradation of aqueous dye wastewater. <i>Materials Express</i> , 2016, 6, 1-9.	0.5	14
21	A novel self-activation strategy for designing oxygen vacancies-rich nickel ferrite and cobalt ferrite microspheres with large specific surface area for overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 24343-24357.	7.1	12
22	Modification of hollow BiOCl/TiO <sub>2</sub> nanotubes with phosphoric acid to enhance their photocatalytic performance. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 986-996.	2.7	11
23	Preparation of a cerium/titanium composite with porous structure and enhanced visible light photocatalytic activity using Î²-cyclodextrin polymer microspheres as the template. <i>Chemical Papers</i> , 2018, 72, 369-379.	2.2	10
24	A facile selenic acid etching strategy for designing selenium-doped NiCo <sub>2</sub> O <sub>4</sub> /C nanoprisms with hollow/porous structure for advanced asymmetrical supercapacitor. <i>Journal of Energy Storage</i> , 2022, 50, 104714.	8.1	8
25	Synthesis of bayberry-like hollow Gd/g-C <sub>3</sub> N <sub>4</sub> nanospheres with high visible-light catalytic performance. <i>Ionics</i> , 2021, 27, 3185-3194.	2.4	7
26	Metal organic frameworks template-directed fabrication of rod-like hollow BiOClxBr <sub>1-x</sub> with adjustable band gap for excellent photocatalytic activity under visible light. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 2127-2137.	2.7	6
27	Ionic liquid promoted synthesis of nitrogen, phosphorus, and fluorine triple-doped mesoporous carbon as metal-free electrocatalyst for oxygen reduction reaction. <i>Ionics</i> , 2020, 26, 4609-4619.	2.4	5
28	Oxygen vacancy-engineered Fe <sub>2</sub> O <sub>3</sub> porous microspheres with large specific surface area for hydrogen evolution reaction and lithium-sulfur battery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 649, 129476.	4.7	4
29	CO <sub>2</sub> separation from air using microporous polyvinylidene fluoride-supported triethylene glycol/alkanolamine liquid membranes. <i>Materials Express</i> , 2016, 6, 183-190.	0.5	3
30	A facile and novel dual-templating approach to discarded cigarette ash-derived high oxygen-containing porous carbon materials with nitrogen external defects for enhanced supercapacitors and hydrogen evolution reaction. <i>Ionics</i> , 2021, 27, 4013-4022.	2.4	3
31	Enhanced supercapacitive and hydrogen evolution reaction performance using hierarchically porous carbon derived from <i>Viburnum Sargentii</i> fruits. <i>Ionics</i> , 2021, 27, 1723-1731.	2.4	3
32	Photocatalytic Degradation of Dyestuff Wastewater with Zn <sup>2+</sup> /TiO <sub>2</sub> /SiO <sub>2</sub> Nanocomposite. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 3972-3977.	0.9	2
33	Maize starch derived boron doped carbon spheres via facile solvothermal route as the photoluminescence sensor for determination of pH and Cr(VI). <i>Nanotechnology</i> , 2022, 33, 275707.	2.6	2
34	Facile Synthesis and High Activity of Novel Composite C/Fe-BiVO <sub>4</sub> Photocatalyst for Degradation of Ciprofloxacin. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2472-2480.	0.9	1
35	New excited state intramolecular proton transfer dyes based on naphthalenediimides (NDI) and its population of triplet excited state. <i>Dyes and Pigments</i> , 2021, 188, 109225.	3.7	1
36	Air humidification by a liquid membrane of triethylene glycol. , 2011, , .		0