

# Lin Jing

## List of Publications by Year in descending order

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31  
papers

1,356  
citations

471509

17  
h-index

434195

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sponge-templated Preparation of High Surface Area Graphene with Ultrahigh Capacitive Deionization Performance. <i>Advanced Functional Materials</i> , 2014, 24, 3917-3925.	14.9	239
2	Effective Prevention of Charge Trapping in Graphitic Carbon Nitride with Nanosized Red Phosphorus Modification for Superior Photo(electro)catalysis. <i>Advanced Functional Materials</i> , 2017, 27, 1703484.	14.9	188
3	Cu <sub>2</sub> O Decorated with Cocatalyst MoS <sub>2</sub> for Solar Hydrogen Production with Enhanced Efficiency under Visible Light. <i>Journal of Physical Chemistry C</i> , 2014, 118, 14238-14245.	3.1	138
4	Electrospun Polyacrylonitrile-Ionic Liquid Nanofibers for Superior PM <sub>2.5</sub> Capture Capacity. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 7030-7036.	8.0	92
5	Ternary polyaniline-graphene-TiO <sub>2</sub> hybrid with enhanced activity for visible-light photo-electrocatalytic water oxidation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1068-1075.	10.3	68
6	Unveiling Carrier Dynamics in Periodic Porous BiVO <sub>4</sub> Photocatalyst for Enhanced Solar Water Splitting. <i>ACS Energy Letters</i> , 2021, 6, 3400-3407.	17.4	68
7	Electronically Engineering Water Resistance in Methane Combustion with an Atomically Dispersed Tungsten on PdO Catalyst. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	63
8	Graphitic carbon nitride nanosheet wrapped mesoporous titanium dioxide for enhanced photoelectrocatalytic water splitting. <i>Catalysis Today</i> , 2018, 315, 103-109.	4.4	53
9	Photothermal Synergistic Effect of Pt <sub>1</sub> /CuO-CeO <sub>2</sub> Single-Atom Catalysts Significantly Improving Toluene Removal. <i>Environmental Science &amp; Technology</i> , 2022, 56, 8722-8732.	10.0	52
10	Beanpod-shaped Fe-C-N composite as promising ORR catalyst for fuel cells operated in neutral media. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2623.	10.3	49
11	Phosphorus vapor assisted preparation of P-doped ultrathin hollow g-C <sub>3</sub> N <sub>4</sub> sphere for efficient solar-to-hydrogen conversion. <i>Applied Catalysis B: Environmental</i> , 2021, 297, 120438.	20.2	47
12	Elemental red phosphorus-based photocatalysts for environmental remediation: A review. <i>Chemosphere</i> , 2021, 274, 129793.	8.2	34
13	Polyurethane sponge facilitating highly dispersed TiO <sub>2</sub> nanoparticles on reduced graphene oxide sheets for enhanced photoelectro-oxidation of ethanol. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15675-15682.	10.3	33
14	High Selectivity to HCl for the Catalytic Removal of 1,2-Dichloroethane Over RuP/3DOM WO <sub>x</sub> : Insights into the Effects of P-Doping and H <sub>2</sub> O Introduction. <i>Environmental Science &amp; Technology</i> , 2021, 55, 14906-14916.	10.0	33
15	In situ construction of elemental phosphorus nanorod-modified TiO <sub>2</sub> photocatalysts for efficient visible-light-driven H <sub>2</sub> generation. <i>Applied Catalysis B: Environmental</i> , 2021, 297, 120412.	20.2	30
16	3DOM CeO <sub>2</sub> -supported Ru <sub>y</sub> M (M = Au, Pd, Pt) alloy nanoparticles with improved catalytic activity and chlorine-tolerance in trichloroethylene oxidation. <i>Catalysis Science and Technology</i> , 2020, 10, 3755-3770.	4.1	25
17	Nanotubular OMS-2 Supported Single-Atom Platinum Catalysts Highly Active for Benzene Oxidation. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17696-17708.	3.1	22
18	Phosphorus-containing g-C <sub>3</sub> N <sub>4</sub> photocatalysts for hydrogen evolution: A review. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 42136-42149.	7.1	17

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19	Engineering Platinum Catalysts <i>via</i> a Site-Isolation Strategy with Enhanced Chlorine Resistance for the Elimination of Multicomponent VOCs. <i>Environmental Science &amp; Technology</i> , 2022, 56, 9672-9682.	10.0	17
20	Hetero-phase dendritic elemental phosphorus for visible light photocatalytic hydrogen generation. <i>Applied Catalysis B: Environmental</i> , 2022, 312, 121428.	20.2	15
21	Visible-light photocatalysis and charge carrier dynamics of elemental crystalline red phosphorus. <i>Journal of Chemical Physics</i> , 2020, 153, 024707.	3.0	13
22	Toluene Oxidation over the M-Al (M = Ce, La, Co, Ce-La, and Ce-Co) Catalysts Derived from the Modified One-Pot Evaporation-Induced Self-Assembly Method: Effects of Microwave or Ultrasound Irradiation and Noble-Metal Loading on Catalytic Activity and Stability. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 5624-5635.	3.7	10
23	Ru Nanoparticles Supported on Oxygen-Deficient 3DOM BiVO <sub>4</sub> : High-Performance Catalysts for the Visible-Light-Driven Selective Oxidation of Benzyl Alcohol. <i>ChemCatChem</i> , 2019, 11, 6398-6407.	3.7	9
24	Electronically Engineering Water Resistance in Methane Combustion with an Atomically Dispersed Tungsten on PdO Catalyst. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	9
25	Response to Comment on <i>Sponge-Templated Preparation of High Surface Area Graphene with Ultrahigh Capacitive Deionization Performance</i> . <i>Advanced Functional Materials</i> , 2015, 25, 182-183.	14.9	8
26	Pd/silicalite-1: An highly active catalyst for the oxidative removal of toluene. <i>Journal of Environmental Sciences</i> , 2022, 116, 209-219.	6.1	7
27	Mesoporous Na <sub>x</sub> MnO <sub>y</sub> -Supported Platinum-Cobalt Bimetallic Single-Atom Catalysts with Good Sulfur Dioxide Tolerance in Propane Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8326-8341.	6.7	7
28	Rational design of CuO@Cu nanostructure with tuneable morphology and electrochemical properties. <i>RSC Advances</i> , 2014, 4, 8121.	3.6	4
29	Water Treatment: Sponge-Templated Preparation of High Surface Area Graphene with Ultrahigh Capacitive Deionization Performance (Adv. Funct. Mater. 25/2014). <i>Advanced Functional Materials</i> , 2014, 24, 3838-3838.	14.9	3
30	Enhanced Performance of Supported Ternary Metal Catalysts for the Oxidation of Toluene in the Presence of Trichloroethylene. <i>Catalysts</i> , 2022, 12, 541.	3.5	2
31	Photocatalysis: Effective Prevention of Charge Trapping in Graphitic Carbon Nitride with Nanosized Red Phosphorus Modification for Superior Photo(electro)catalysis (Adv. Funct. Mater. 46/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	14.9	1