

# Wenjie Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

423  
citations

933447

10  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold nanoparticle based photothermal therapy: Development and application for effective cancer treatment. <i>Sustainable Materials and Technologies</i> , 2019, 22, e00109.	3.3	116
2	Shielding Protection by Mesoporous Catalysts for Improving Plasma-Catalytic Ambient Ammonia Synthesis. <i>Journal of the American Chemical Society</i> , 2022, 144, 12020-12031.	13.7	75
3	Enhanced solar-driven benzaldehyde oxidation with simultaneous hydrogen production on Pt single-atom catalyst. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119759.	20.2	34
4	Tailoring Electronegativity of Bimetallic Ni/Fe Metal-Organic Framework Nanosheets for Electrocatalytic Water Oxidation. <i>ACS Applied Nano Materials</i> , 2021, 4, 1967-1975.	5.0	30
5	Fabrication of MOFs derivatives assisted perovskite nanocrystal on TiO <sub>2</sub> photoanode for photoelectrochemical glycerol oxidation with simultaneous hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2021, 296, 120382.	20.2	30
6	Solar-Driven Carbon Nanoreactor Coupling Gold and Platinum Nanocatalysts for Alcohol Oxidations. <i>Small</i> , 2020, 16, e2002236.	10.0	21
7	Qualitative and Quantitative Analysis of Acid Properties for Solid Acids by Solid-State Nuclear Magnetic Resonance Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2021, 125, 10179-10197.	3.1	21
8	Plasmon-enhanced alcohol oxidations over porous carbon nanosphere-supported palladium and gold bimetallic nanocatalyst. <i>Applied Catalysis B: Environmental</i> , 2021, 292, 120151.	20.2	21
9	Insights into the Interaction between Immobilized Biocatalysts and Metal-Organic Frameworks: A Case Study of PCN-333. <i>Jacs Au</i> , 2021, 1, 2172-2181.	7.9	15
10	Multigraded Heterojunction Hole Extraction Layer of ZIF-600 <sub>Zn</sub> on Co <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> Skeleton for a New Photoanode Architecture in Water Oxidation. <i>Small Science</i> , 2021, 1, 2000033.	9.9	12
11	Synergy of Extraframework Al <sup>3+</sup> Cations and Brønsted Acid Sites on Hierarchical ZSM-5 Zeolites for Butanol-to-Olefin Conversion. <i>Journal of Physical Chemistry C</i> , 2021, 125, 11665-11676.	3.1	12
12	Formation and Location of Pt Single Sites Induced by Pentacoordinated Al Species on Amorphous Silica-Alumina. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2536-2546.	4.6	11
13	Correlation and Improvement of Bimetallic Electronegativity on Metal-Organic Frameworks for Electrocatalytic Water Oxidation. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100055.	5.8	8
14	Revealing Brønsted Acidic Bridging SiOHAl Groups on Amorphous Silica-Alumina by Ultrahigh Field Solid-State NMR. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11563-11572.	4.6	8
15	Promotional Effect of Ni-Sn Interaction over Ni Supported on Sn-Incorporated MCM-41 Catalysts for CO <sub>2</sub> Reforming of CH <sub>4</sub> . <i>ChemNanoMat</i> , 2021, 7, 927-934.	2.8	5
16	Cancer Prevention Effects of Foods, Food Groups, Nutrients, and Their Underlying Mechanisms. <i>ACS Food Science &amp; Technology</i> , 2022, 2, 437-454.	2.7	4