

# Yufei

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

950  
citations

623734

14  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molybdenum carbide as alternative catalyst for hydrogen production – A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 75, 1101-1129.	16.4	198
2	Synergistically Tuning Electronic Structure of Porous $\text{Mo}_2\text{C}$ Spheres by Co Doping and Mo Vacancies Defect Engineering for Optimizing Hydrogen Evolution Reaction Activity. <i>Advanced Functional Materials</i> , 2020, 30, 2000561.	14.9	141
3	Low-temperature steam reforming of methanol to produce hydrogen over various metal-doped molybdenum carbide catalysts. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 258-266.	7.1	116
4	Charge induced crystal distortion and morphology remodeling: Formation of Mn-CoP nanowire @ Mn-CoOOH nanosheet electrocatalyst with rich edge dislocation defects. <i>Applied Catalysis B: Environmental</i> , 2021, 292, 120172.	20.2	79
5	Catalytic Activity and Stability of Nickel-Modified Molybdenum Carbide Catalysts for Steam Reforming of Methanol. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9485-9496.	3.1	77
6	Hydrogen production by steam reforming of biomass tar over biomass char supported molybdenum carbide catalyst. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 7974-7982.	7.1	56
7	Highly-efficient steam reforming of methanol over copper modified molybdenum carbide. <i>RSC Advances</i> , 2014, 4, 44175-44184.	3.6	51
8	Reaction intermediate species during the steam reforming of methanol over metal modified molybdenum carbide catalysts. <i>Applied Catalysis B: Environmental</i> , 2016, 189, 12-18.	20.2	46
9	Steam reforming of methanol for hydrogen production over nanostructured wire-like molybdenum carbide catalyst. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 18803-18811.	7.1	39
10	Extraction of Nanocellulose from Raw Apple Stem. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2015, 94, 787-793.	0.2	35
11	Influence of Transition Metal on the Hydrogen Evolution Reaction over Nano-Molybdenum-Carbide Catalyst. <i>Catalysts</i> , 2018, 8, 294.	3.5	33
12	Embedded structure catalyst: a new perspective from noble metal supported on molybdenum carbide. <i>RSC Advances</i> , 2015, 5, 15002-15005.	3.6	17
13	Fabrication of nickel hexacyanoferrate film on carbon fibers by unipolar pulse electrodeposition method for electrochemically switched ion exchange application. <i>Electrochimica Acta</i> , 2014, 139, 36-41.	5.2	16
14	Hydrogen production from formic acid over morphology-controllable molybdenum carbide catalysts. <i>Journal of Alloys and Compounds</i> , 2018, 735, 1463-1471.	5.5	16
15	Phase-transition engineering induced lattice contraction of the molybdenum carbide surface for highly efficient hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11414-11425.	10.3	16
16	Decomposition of formic acid for hydrogen production over metal doped nanosheet-like $\text{MoC}$ catalysts. <i>Energy Conversion and Management</i> , 2017, 147, 166-173.	9.2	14