

# Yishuang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,192  
citations

331259

21  
h-index

377514

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

709  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bimetallic Ni-M (M=Co, Cu and Zn) supported on attapulgite as catalysts for hydrogen production from glycerol steam reforming. <i>Applied Catalysis A: General</i> , 2018, 550, 214-227.	2.2	96
2	Recent advances during CH <sub>4</sub> dry reforming for syngas production: A mini review. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 5852-5874.	3.8	94
3	Hydrogen generation by steam reforming of tar model compounds using lanthanum modified Ni/sepiolite catalysts. <i>Energy Conversion and Management</i> , 2019, 184, 315-326.	4.4	76
4	Hydrogen production from steam reforming ethanol over Ni/attapulgite catalysts - Part I: Effect of nickel content. <i>Fuel Processing Technology</i> , 2019, 192, 227-238.	3.7	72
5	Influence of CoAl <sub>2</sub> O <sub>4</sub> spinel and Co-phyllsilicate structures derived from Co/sepiolite catalysts on steam reforming of bio-oil for hydrogen production. <i>Fuel</i> , 2020, 279, 118449.	3.4	62
6	Effect of Mg-modified mesoporous Ni/Attapulgite catalysts on catalytic performance and resistance to carbon deposition for ethanol steam reforming. <i>Fuel</i> , 2018, 220, 32-46.	3.4	59
7	Steam reforming of phenol-ethanol to produce hydrogen over bimetallic Ni Cu catalysts supported on sepiolite. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 28233-28246.	3.8	53
8	Influence of calcination temperature of Ni/Attapulgite on hydrogen production by steam reforming ethanol. <i>Renewable Energy</i> , 2020, 160, 597-611.	4.3	44
9	Hydrogen production by ethanol steam reforming over M-Ni/sepiolite (M=La, Mg or Ca) catalysts. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 21796-21811.	3.8	44
10	Hydrogen production from ethanol steam reforming: Effect of Ce content on catalytic performance of Co/Sepiolite catalyst. <i>Fuel</i> , 2019, 247, 344-355.	3.4	41
11	Steam reforming of methanol for hydrogen production over attapulgite-based zeolite-supported Cu-Zr catalyst. <i>Fuel</i> , 2022, 314, 122733.	3.4	38
12	Effect of Mo content in Mo/Sepiolite catalyst on catalytic depolymerization of Kraft lignin under supercritical ethanol. <i>Energy Conversion and Management</i> , 2020, 222, 113227.	4.4	37
13	Hydrogen Generation from Catalytic Steam Reforming of Acetic Acid by Ni/Attapulgite Catalysts. <i>Catalysts</i> , 2016, 6, 172.	1.6	36
14	Effects of attapulgite-supported transition metals catalysts on glycerol steam reforming for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 20451-20464.	3.8	36
15	Catalytic depolymerization of Kraft lignin to liquid fuels and guaiacol over phosphorus modified Mo/Sepiolite catalyst. <i>Chemical Engineering Journal</i> , 2022, 427, 131761.	6.6	35
16	Hydrogen production from acetic acid steam reforming over Ti-modified Ni/Attapulgite catalysts. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3651-3668.	3.8	34
17	Dry reforming of methane over Mn-Ni/attapulgite: Effect of Mn content on the active site distribution and catalytic performance. <i>Fuel</i> , 2022, 321, 124032.	3.4	29
18	Conversion of Kraft lignin to phenol monomers and liquid fuel over trimetallic catalyst W-Ni-Mo/sepiolite under supercritical ethanol. <i>Fuel</i> , 2021, 303, 121332.	3.4	28

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19	Hydrogen production via steam reforming of ethylene glycol over Attapulgite supported nickel catalysts. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 20438-20450.	3.8	27
20	Hydrogen production from ethanol steam reforming over Co/Ce/sepiolite catalysts prepared by a surfactant assisted coprecipitation method. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 26888-26904.	3.8	24
21	Effect of Reduction Treatments of Mo/Sepiolite Catalyst on Lignin Depolymerization under Supercritical Ethanol. <i>Energy &amp; Fuels</i> , 2020, 34, 3394-3405.	2.5	22
22	Hydrogen production from aqueous phase reforming of glycerol over attapulgite-supported nickel catalysts: Effect of acid/base treatment and Fe additive. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 7082-7099.	3.8	22
23	Comparison of the regenerability of Co/sepiolite and Co/Al <sub>2</sub> O <sub>3</sub> catalysts containing the spinel phase in simulated bio-oil steam reforming. <i>Energy</i> , 2021, 214, 118971.	4.5	19
24	Understanding relationship of sepiolite structure tailoring and the catalytic behaviors in glycerol steam reforming over Co/sepiolite derived Co-phyllsilicate catalyst. <i>Renewable Energy</i> , 2022, 183, 304-320.	4.3	19
25	Glycerol steam reforming over hydrothermal synthetic Ni-Ca/attapulgite for green hydrogen generation. <i>Chinese Journal of Chemical Engineering</i> , 2022, 48, 176-190.	1.7	19
26	Efficient conversion of Kraft lignin to guaiacol and 4-alkyl guaiacols over Fe-Fe <sub>3</sub> C/C based catalyst under supercritical ethanol. <i>Fuel</i> , 2022, 315, 123249.	3.4	19
27	Hydrogen production from catalytic steam reforming of toluene over trace of Fe and Mn doping Ni/Attapulgite. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022, 165, 105584.	2.6	19
28	Ethyl levulinate production from cellulose conversion in ethanol medium over high-efficiency heteropoly acids. <i>Fuel</i> , 2022, 324, 124642.	3.4	17
29	Hydrogen Production from Steam Reforming of Acetic Acid over Ni-Fe/Palygorskite Modified with Cerium. <i>BioResources</i> , 2017, 12, .	0.5	15
30	Study of Mo-based sepiolite catalyst on depolymerization of lignin under supercritical ethanol. <i>International Journal of Energy Research</i> , 2020, 44, 257-268.	2.2	15
31	Depolymerization of lignin over CoO/m-SEP catalyst under supercritical methanol. <i>Journal of Renewable and Sustainable Energy</i> , 2019, 11, .	0.8	12
32	Lignin catalytic depolymerization for liquid fuel and phenols by using Mo/sepiolite catalysts calcined at different temperature. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105348.	3.3	12
33	The charge transfer effect on SERS in a gold-decorated surface defect anatase nanosheet/methylene blue (MB) system. <i>New Journal of Chemistry</i> , 2021, 45, 19775-19786.	1.4	8
34	Effect of DES-NiO System on Modified Lignin and Synthesis of Lignin-Based Epoxy Resin. <i>Journal of Biobased Materials and Bioenergy</i> , 2019, 13, 317-328.	0.1	5
35	Hydrogen production from steam reforming of ethylene glycol over iron loaded on MgO. <i>AIP Conference Proceedings</i> , 2017, .	0.3	3
36	Hydrogen production by steam reforming of bio-oil aqueous fraction over Co-Fe/ZSM-5. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 113, 012081.	0.2	1