

Mingqiang Chen

List of Publications by Year in descending order

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52
papers

2,074
citations

236612

25
h-index

233125

45
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52
all docs

52
docs citations

52
times ranked

1664
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Glycerol steam reforming over hydrothermal synthetic Ni-Ca/attapulgitite for green hydrogen generation. <i>Chinese Journal of Chemical Engineering</i> , 2022, 48, 176-190.	1.7	19
4	Steam reforming of methanol for hydrogen production over attapulgitite-based zeolite-supported Cu-Zr catalyst. <i>Fuel</i> , 2022, 314, 122733.	3.4	38
5	Hydrogen production from aqueous phase reforming of glycerol over attapulgitite-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
6	Efficient conversion of Kraft lignin to guaiacol and 4-alkyl guaiacols over Fe-Fe ₃ C/C based catalyst under supercritical ethanol. <i>Fuel</i> , 2022, 315, 123249.	3.4	19
7	Dry reforming of methane over Mn-Ni/attapulgitite: Effect of Mn content on the active site distribution and catalytic performance. <i>Fuel</i> , 2022, 321, 124032.	3.4	29
8	Ethyl levulinate production from cellulose conversion in ethanol medium over high-efficiency heteropoly acids. <i>Fuel</i> , 2022, 324, 124642.	3.4	17
9	Hydrogen production from catalytic steam reforming of toluene over trace of Fe and Mn doping Ni/Attapulgitite. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022, 165, 105584.	2.6	19
10	Hydrogen production from acetic acid steam reforming over Ti-modified Ni/Attapulgitite catalysts. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3651-3668.	3.8	34
11	Recent advances during CH ₄ dry reforming for syngas production: A mini review. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 5852-5874.	3.8	94
12	Comparison of the regenerability of Co/sepiolite and Co/Al ₂ O ₃ catalysts containing the spinel phase in simulated bio-oil steam reforming. <i>Energy</i> , 2021, 214, 118971.	4.5	19
13	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
14	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
15	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
16	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
17	Microwave-assisted pyrolysis of seaweed biomass for aromatics-containing bio-oil production. <i>E3S Web of Conferences</i> , 2021, 261, 02045.	0.2	3
18	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

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19	Influence of CoAl ₂ O ₄ 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
20	Influence of calcination temperature of Ni/Attapulgitite on hydrogen production by steam reforming ethanol. <i>Renewable Energy</i> , 2020, 160, 597-611.	4.3	44
21	Effect of Reduction Treatments of Mo/Sepiolite Catalyst on Lignin Depolymerization under Supercritical Ethanol. <i>Energy & Fuels</i> , 2020, 34, 3394-3405.	2.5	22
22	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
23	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
24	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
25	Depolymerization of lignin over CoO/m-SEP catalyst under supercritical methanol. <i>Journal of Renewable and Sustainable Energy</i> , 2019, 11, .	0.8	12
26	Hydrogen production from steam reforming ethanol over Ni/attapulgitite catalysts - Part I: Effect of nickel content. <i>Fuel Processing Technology</i> , 2019, 192, 227-238.	3.7	72
27	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
28	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
29	Comparative study on pyrolysis characteristics and kinetics of lignocellulosic biomass and seaweed. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 1317-1323.	2.0	20
30	Effect of Mg-modified mesoporous Ni/Attapulgitite catalysts on catalytic performance and resistance to carbon deposition for ethanol steam reforming. <i>Fuel</i> , 2018, 220, 32-46.	3.4	59
31	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
32	Effects of attapulgitite-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
33	Hydrogen production via steam reforming of ethylene glycol over Attapulgitite supported nickel catalysts. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 20438-20450.	3.8	27
34	Bimetallic Ni-M (M = Co, Cu and Zn) supported on attapulgitite as catalysts for hydrogen production from glycerol steam reforming. <i>Applied Catalysis A: General</i> , 2018, 550, 214-227.	2.2	96
35	Performance analysis of superheated steam injection for heavy oil recovery and modeling of wellbore heat efficiency. <i>Energy</i> , 2017, 125, 795-804.	4.5	206
36	Hydrogen production from steam reforming of ethylene glycol over iron loaded on MgO. <i>AIP Conference Proceedings</i> , 2017, . .	0.3	3

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37	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
38	Hydrogen Production from Steam Reforming of Acetic Acid over Ni-Fe/Palygorskite Modified with Cerium. <i>BioResources</i> , 2017, 12, .	0.5	15
39	Microwave-assisted Pyrolysis of Cotton Stalk with Additives. <i>BioResources</i> , 2016, 11, .	0.5	4
40	Hydrogen Generation from Catalytic Steam Reforming of Acetic Acid by Ni/Attapulgitic Catalysts. <i>Catalysts</i> , 2016, 6, 172.	1.6	36
41	Influence of Microwave Power and Additive on Microwave-Assisted Pyrolysis of Cotton Stalk. <i>Journal of Biobased Materials and Bioenergy</i> , 2016, 10, 225-228.	0.1	0
42	The Molecular Beacons Self-Assembly Model of the Dislocation Permutation Problem. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 1126-1131.	0.4	0
43	Solubility of Alkali Lignin in Dilute Solutions of [BMIm]Cl at Room Temperature. <i>Asian Journal of Chemistry</i> , 2014, 26, 1707-1710.	0.1	0
44	Synthesis of Furfural from D-Xylose and Corncob with Chromium Chloride as Catalyst in Biphasic System. <i>Asian Journal of Chemistry</i> , 2014, 26, 1717-1720.	0.1	4
45	Modeling and analysis of the pyrolysis of bio-oil aqueous fraction in a fixed-bed reactor. <i>Fuel</i> , 2014, 133, 1-6.	3.4	10
46	Hydrogen production via catalytic pyrolysis of biomass in a two-stage fixed bed reactor system. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 13128-13135.	3.8	70
47	The kinetics model and pyrolysis behavior of the aqueous fraction of bio-oil. <i>Bioresource Technology</i> , 2013, 129, 381-386.	4.8	24
48	Catalytic steam reforming of bio-oil aqueous fraction for hydrogen production over Ni-Mo supported on modified sepiolite catalysts. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 3948-3955.	3.8	77
49	Combustion characteristics and kinetic analysis of bio-oil from fast pyrolysis of biomass. , 2013, , .		1
50	Catalytic effects of eight inorganic additives on pyrolysis of pine wood sawdust by microwave heating. <i>Journal of Analytical and Applied Pyrolysis</i> , 2008, 82, 145-150.	2.6	225
51	A comparative study of thermolysis characteristics and kinetics of seaweeds and fir wood. <i>Process Biochemistry</i> , 2006, 41, 1883-1886.	1.8	88
52	Catalytic effects of six inorganic compounds on pyrolysis of three kinds of biomass. <i>Thermochimica Acta</i> , 2006, 444, 110-114.	1.2	150