Yan Sun

List of Publications by Year
in descending order

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22 papers	348 citations	840776 11 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	446 citing authors

#	Article	IF	Citations
1	N,N-Dimethylformamide solvent assisted hydrothermal pretreatment of Chlorella for coproduction of sugar, nitrogenous compounds and carbon dots. Bioresource Technology, 2022, 344, 126143.	9.6	7
2	Boosting levoglucosan and furfural production from corn stalks pyrolysis via electro-assisted seawater pretreatment. Bioresource Technology, 2022, 346, 126478.	9.6	7
3	Synergistic Effects on the Co-pyrolysis of Agricultural Wastes and Sewage Sludge at Various Ratios. ACS Omega, 2022, 7, 1264-1272.	3.5	6
4	Biomass Derived low concentration CO2 mixed Gas Combined Steam to Reform Methane through Ni based volcanic rock catalyst. International Journal of Hydrogen Energy, 2022, 47, 23139-23150.	7.1	1
5	Enhancing Hydrodeoxygenation of Bio-oil via Bimetallic Ni-V Catalysts Modified by Cross-Surface Migrated-Carbon from Biochar. ACS Applied Materials & Interfaces, 2021, 13, 21482-21498.	8.0	26
6	Pretreatment Influence of an Imitative Deep Eutectic Solvent Composed of Biomass Light Oil and Choline Chloride on Boosting Selective Saccharification during Corn Stalk Pyrolysis. ACS Sustainable Chemistry and Engineering, 2021, 9, 12813-12824.	6.7	8
7	Benzene, toluene and xylene (BTX) from in-situ gas phase hydrodeoxygenation of guaiacol with liquid hydrogen donor over bifunctional non-noble-metal zeolite catalysts. Renewable Energy, 2020, 152, 1391-1402.	8.9	24
8	The influence of torrefaction on pyrolysed biomass: The relationship of bio-oil composition with the torrefaction severity. Bioresource Technology, 2020, 314, 123780.	9.6	11
9	High yield self-nitrogen-oxygen doped hydrochar derived from microalgae carbonization in bio-oil: Properties and potential applications. Bioresource Technology, 2020, 314, 123735.	9.6	25
10	The steam reforming of guaiacol for hydrogen via Ni/Al ₂ O ₃ : The influence of dispersion. International Journal of Energy Research, 2020, 44, 2754-2767.	4.5	3
11	Influence of Ultrasonic/Torrefaction Assisted Deep Eutectic Solvents on the Upgrading of Bio-Oil from Corn Stalk. ACS Sustainable Chemistry and Engineering, 2020, 8, 8562-8576.	6.7	16
12	Chemical Looping Hydrogen Generation over Ceria/Zirconia-Enhanced NiOâ€“NiFe₂O₄ Oxygen Carrier. Energy & Fuels, 2019, 33, 9149-9160.	5.1	6
13	Influence of Synthesized Method on the Cycle Stability of NiO/NiAl2O4 during Chemical Looping Combustion of Biomass Pyrolysis Gas. Industrial & Engineering Chemistry Research, 2019, 58, 13163-13173.	3.7	11
14	The mechanism of wet/dry torrefaction pretreatment on the pyrolysis performance of tobacco stalk. Bioresource Technology, 2019, 286, 121390.	9.6	31
15	Alkene and benzene derivate obtained from catalytic reforming of acetone-butanol-ethanol (ABE) from carbohydrates fermentation broth. Renewable Energy, 2019, 135, 1213-1223.	8.9	1
16	High-Quality Fuel from the Upgrading of Heavy Bio-oil by the Combination of Ultrasonic Treatment and Mutual Solvent. Energy & Fuels, 2018, 32, 3477-3487.	5.1	26
17	BTX from anisole by hydrodeoxygenation and transalkylation at ambient pressure with zeolite catalysts. Fuel, 2018, 221, 440-446.	6.4	59
18	Supplied Oxygen Properties of NiO/NiAl₂O₄ in Chemical Looping Re-Forming of Biomass Pyrolysis Gas: The Influence of Synthesis Method. ACS Sustainable Chemistry and Engineering, 2018, 6, 14660-14668.	6.7	18

#	Article	IF	Citations
19	Hydrogen from Rice Husk Pyrolysis Volatiles via Non-Noble Niâ€“Fe Catalysts Supported on Five Differently Treated Rice Husk Pyrolysis Carbon Supports. ACS Sustainable Chemistry and Engineering, 2018, 6, 8325-8339.	6.7	21
20	Influence of Mixed Supports on the Steam Catalytic Reforming of Wood Vinegar. Energy & Fuels, 2017, 31, 1678-1688.	5.1	9
21	Hydrogen from pyroligneous acid via modified bimetal Al-SBA-15 catalysts. Applied Catalysis A: General, 2017, 547, 75-85.	4.3	14
22	The complete utilization of rice husk for production of synthesis gas. RSC Advances, 2017, 7, 33532-33543.	3.6	18