Chao Li

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9571206/publications.pdf

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26	633	623574	610775
papers	citations	14 h-index	24 g-index

26	26	26	311
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Co-pyrolysis of coke bottle wastes with cellulose, lignin and sawdust: Impacts of the mixed feedstock on char properties. Renewable Energy, 2022, 181, 1126-1139.	4.3	48
2	Pyrolysis of waste surgical masks into liquid fuel and its life-cycle assessment. Bioresource Technology, 2022, 346, 126582.	4.8	62
3	Cu-Based Nanoparticles as Catalysts for Selective Hydrogenation of Biomass-Derived 5-Hydroxymethylfurfural to 1,2-Hexanediol. ACS Applied Nano Materials, 2022, 5, 5882-5894.	2.4	9
4	Pyrolysis of cellulose: Correlation of hydrophilicity with evolution of functionality of biochar. Science of the Total Environment, 2022, 825, 153959.	3.9	19
5	Understanding evolution of the products and emissions during chemical activation of furfural residue with varied potassium salts. Journal of Cleaner Production, 2022, 357, 131936.	4.6	12
6	Impacts of temperature on hydrophilicity/functionalities of char and evolution of bio-oil/gas in pyrolysis of pig manure. Fuel, 2022, 323, 124330.	3.4	10
7	Activation of waste paper: Influence of varied chemical agents on product properties. Waste Management, 2022, 146, 94-105.	3.7	11
8	Pyrolysis of furfural residues: Property and applications of the biochar. Journal of Environmental Management, 2022, 316, 115324.	3.8	20
9	Influence of asphalt-derived volatiles on property of the biochar from pyrolysis of sawdust. Fuel Processing Technology, 2022, 234, 107343.	3.7	7
10	Cross-interaction of volatiles from co-pyrolysis of lignin with pig manure and their effects on properties of the resulting biochar. Biochar, 2021, 3, 391-405.	6.2	15
11	Biochar catalyzing polymerization of the volatiles from pyrolysis of poplar wood. International Journal of Energy Research, 2021, 45, 13936-13951.	2.2	11
12	Impact of heating rates on the evolution of function groups of the biochar from lignin pyrolysis. Journal of Analytical and Applied Pyrolysis, 2021, 155, 105031.	2.6	56
13	Co-pyrolysis of cellulose/lignin and sawdust: Influence of secondary condensation of the volatiles on characteristics of biochar. Energy, 2021, 226, 120442.	4.5	62
14	Fates of heavy organics of bio-oil in hydrotreatment: The key challenge in the way from biomass to biofuel. Science of the Total Environment, 2021, 778, 146321.	3.9	20
15	Catalytic pyrolysis of polyethylene terephthalate over zeolite catalyst: Characteristics of coke and the products. International Journal of Energy Research, 2021, 45, 19028-19042.	2.2	25
16	Pyrolysis of soybean residue: Understanding characteristics of the products. Renewable Energy, 2021, 174, 487-500.	4.3	17
17	Pyrolysis of sesame residue: Evolution of the volatiles and structures of biochar versus temperature. Environmental Technology and Innovation, 2021, 24, 101859.	3.0	9
18	In situ characterization of functional groups of biochar in pyrolysis of cellulose. Science of the Total Environment, 2021, 799, 149354.	3.9	50

#	Article	IF	Citations
19	Impact of Acidic/Basic Sites of the Catalyst on Properties of the Coke Formed in Pyrolysis of Guaiacol: A Model Compound of the Phenolics in Bio-oil. Energy & Fuels, 2020, 34, 11026-11040.	2.5	13
20	Pyrolysis of saw dust with co-feeding of methanol. Renewable Energy, 2020, 160, 1023-1035.	4.3	18
21	Progress of the development of reactors for pyrolysis of municipal waste. Sustainable Energy and Fuels, 2020, 4, 5885-5915.	2.5	32
22	Interaction of the volatiles from co-pyrolysis of pig manure with cellulose/glucose and their effects on char properties. Journal of Environmental Chemical Engineering, 2020, 8, 104583.	3.3	20
23	Different reaction behaviours of light or heavy density polyethylene during the pyrolysis with biochar as the catalyst. Journal of Hazardous Materials, 2020, 399, 123075.	6.5	74
24	Pyrolysis of cellulose with co-feeding of formic or acetic acid. Cellulose, 2020, 27, 4909-4929.	2.4	9
25	Pyrolysis behaviors of rapeseed meal: products distribution and properties. Biomass Conversion and Biorefinery, 0, , 1.	2.9	2
26	Co-pyrolysis of polyethylene terephthalate and poplar wood: influence of zeolite catalyst on coke formation. Biomass Conversion and Biorefinery, 0, , 1.	2.9	2