

Ying Gao

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

939
citations

759233

12
h-index

752698

20
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20
all docs

20
docs citations

20
times ranked

1126
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen-rich gas production from the gasification of biomass and hydrothermal carbonization (HTC) aqueous phase. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 1529-1538.	4.6	7
2	Preparation and characterization of hydrochar-derived activated carbon from glucose by hydrothermal carbonization. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 3785-3796.	4.6	18
3	Nitrogen migration in products during the microwave-assisted hydrothermal carbonization of spirulina platensis. <i>Bioresource Technology</i> , 2022, 351, 126968.	9.6	12
4	Experimental study on catalytic pyrolysis of oily sludge for H ₂ production under new nickel-ore-based catalysts. <i>Energy</i> , 2022, 249, 123675.	8.8	12
5	Nitrogen-rich soybean protein isolate derived "Self-Doping" carbon nano-onions for luminescence properties. <i>Applied Surface Science</i> , 2022, 595, 153492.	6.1	5
6	Parametric study of catalytic co-gasification of cotton stalk and aqueous phase from wheat straw using hydrothermal carbonation. <i>Energy</i> , 2021, 216, 119266.	8.8	10
7	Non-thermal effect of microwave on the chemical structure and luminescence properties of biomass-derived carbon dots via hydrothermal method. <i>Applied Surface Science</i> , 2021, 552, 149503.	6.1	24
8	Synthesis, solution and solid-state fluorescence of nitrogen self-doped carbon dots derived from <i>Chlorella pyrenoidosa</i> . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 631, 127741.	4.7	11
9	Biomass-derived nitrogen self-doped carbon dots via a simple one-pot method: Physicochemical, structural, and luminescence properties. <i>Applied Surface Science</i> , 2020, 510, 145437.	6.1	83
10	COSMO-based solvent selection and Aspen Plus process simulation for tar absorptive removal. <i>Applied Energy</i> , 2019, 251, 113314.	10.1	7
11	Characterization and pelletization of cotton stalk hydrochar from HTC and combustion kinetics of hydrochar pellets by TGA. <i>Fuel</i> , 2019, 244, 479-491.	6.4	90
12	Microwave-assisted hydrothermal carbonization of dairy manure: Chemical and structural properties of the products. <i>Energy</i> , 2018, 165, 662-672.	8.8	41
13	Pyrolysis of rapeseed stalk: Influence of temperature on product characteristics and economic costs. <i>Energy</i> , 2017, 122, 482-491.	8.8	44
14	Characterization of dairy manure hydrochar and aqueous phase products generated by hydrothermal carbonization at different temperatures. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 127, 335-342.	5.5	78
15	Use of Extreme Vertices Method for Analysis of How Proportional Composition Affects Component Interactions and Product Distribution during Hydrothermal Treatment. <i>BioResources</i> , 2016, 11, .	1.0	3
16	Physicochemical, Pyrolytic, and Combustion Characteristics of Hydrochar Obtained by Hydrothermal Carbonization of Biomass. <i>BioResources</i> , 2016, 11, .	1.0	26
17	Orthogonal test design to optimize products and to characterize heavy oil via biomass hydrothermal treatment. <i>Energy</i> , 2015, 88, 139-148.	8.8	15
18	Effect of residence time on chemical and structural properties of hydrochar obtained by hydrothermal carbonization of water hyacinth. <i>Energy</i> , 2013, 58, 376-383.	8.8	208

#	ARTICLE	IF	CITATIONS
19	Characterization of products from hydrothermal treatments of cellulose. <i>Energy</i> , 2012, 42, 457-465.	8.8	176
20	Characterization of products from hydrothermal liquefaction and carbonation of biomass model compounds and real biomass. <i>Journal of Fuel Chemistry and Technology</i> , 2011, 39, 893-900.	2.0	69