

Haixia Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

301
citations

933447

10
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of temperature on gasification performance and sodium transformation of Zhundong coal. <i>Fuel</i> , 2017, 189, 301-311.	6.4	66
2	Detailed Investigation on Sodium (Na) Species Release and Transformation Mechanism during Pyrolysis and Char Gasification of High-Na Zhundong Coal. <i>Energy & Fuels</i> , 2017, 31, 5902-5912.	5.1	34
3	Ash Fusion Properties and Mineral Transformation Behavior of Gasified Semichar at High Temperature under Oxidizing Atmosphere. <i>Energy & Fuels</i> , 2017, 31, 14228-14236.	5.1	24
4	Gasification Characteristics and Sodium Transformation Behavior of High-Sodium Zhundong Coal. <i>Energy & Fuels</i> , 2017, 31, 6435-6444.	5.1	21
5	Evolution of Structure Properties during Zhundong Coal Pyrolysis. <i>Procedia Engineering</i> , 2015, 102, 4-13.	1.2	19
6	Gasification of Bituminous Coal in a Dual-Bed System at Different Air/Coal Ratios. <i>Energy & Fuels</i> , 2015, 29, 496-500.	5.1	15
7	Circulating fluidized bed gasification of low rank coal: Influence of O ₂ /C molar ratio on gasification performance and sulphur transformation. <i>Journal of Thermal Science</i> , 2016, 25, 363-371.	1.9	15
8	A perspective on sodium-induced agglomeration of Zhundong coal gasification: Experiments and calculations. <i>Journal of the Energy Institute</i> , 2021, 94, 39-48.	5.3	15
9	The effect of O ₂ /C ratio on gasification performance and sodium transformation of Zhundong coal. <i>Fuel Processing Technology</i> , 2019, 193, 31-38.	7.2	13
10	Release behaviors of sulfur-containing pollutants during combustion and gasification of coals by TG-MS. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 377-386.	3.6	13
11	Physicochemical properties and gasification reactivity of the ultrafine semi-char derived from a bench-scale fluidized bed gasifier. <i>Journal of Thermal Science</i> , 2017, 26, 362-370.	1.9	12
12	Fusibility characteristic and flow properties of semi-char from industrial circulating fluidized bed gasification. <i>Fuel</i> , 2018, 234, 904-913.	6.4	10
13	Structural Properties and Gasification Reactivity of Shenmu Fly Ash Obtained from a 5t/d Circulating Fluidized Bed Gasifier. <i>Procedia Engineering</i> , 2015, 102, 1104-1111.	1.2	8
14	Impact of Residual Carbon on Ash Fusibility of Semi-char from an Industrial Circulating Fluidized Bed Gasifier. <i>Energy & Fuels</i> , 2019, 33, 531-540.	5.1	8
15	Release characteristics of gaseous products during CO ₂ gasification of char. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 177-187.	3.6	6
16	Investigation on the slagging characteristics of high-AAEM lignite under different atmospheres. <i>Journal of the Energy Institute</i> , 2021, 95, 154-165.	5.3	4
17	Regasification properties of industrial CFB-gasified semi-char. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 3035-3046.	3.6	3
18	Steam gasification reactivity of a high-sodium coal fly ash obtained from a pilot scale CFB gasifier. <i>International Journal of Coal Science and Technology</i> , 2018, 5, 244-252.	6.0	3

#	ARTICLE	IF	CITATIONS
19	Effect of Coal Blending on Gasification Performance and Agglomeration. Energy & Fuels, 2020, 34, 2772-2780.	5.1	3
20	Slagging Characteristics and Optimization of Operating Temperature on High-Alkali Coal Gasification. Journal of Thermal Science, 2021, 30, 644-655.	1.9	3
21	Release Behavior of Sulfur during Fluidized Bed Gasification. Journal of Thermal Science, 2021, 30, 1731-1740.	1.9	3
22	Effects of the ratio of O ₂ /C and H ₂ O/C on sulfur release behaviors during fluidized bed gasification. Fuel, 2021, 297, 120751.	6.4	3