

# Huang Jiejie

## List of Publications by Year in descending order

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33  
papers

1,122  
citations

516710

16  
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395702

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33  
docs citations

33  
times ranked

1054  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction and its induced inhibiting or synergistic effects during co-gasification of coal char and biomass char. <i>Bioresource Technology</i> , 2014, 173, 11-20.	9.6	146
2	Gasification Reactivity and Kinetics of Typical Chinese Anthracite Chars with Steam and CO <sub>2</sub> . <i>Energy &amp; Fuels</i> , 2006, 20, 1201-1210.	5.1	114
3	Sol-gel Auto-Combustion Synthesis of Zinc Ferrite for Moderate Temperature Desulfurization. <i>Energy &amp; Fuels</i> , 2007, 21, 2682-2687.	5.1	90
4	Effects of Calcium Oxide on the Cracking of Coal Tar in the Freeboard of a Fluidized Bed. <i>Energy &amp; Fuels</i> , 2004, 18, 1625-1632.	5.1	86
5	Transformation of Alkali Metals during Pyrolysis and Gasification of a Lignite. <i>Energy &amp; Fuels</i> , 2008, 22, 1840-1844.	5.1	70
6	Coal Gasification Characteristic in a Pressurized Fluidized Bed. <i>Energy &amp; Fuels</i> , 2003, 17, 1474-1479.	5.1	63
7	Evaluation of CO <sub>2</sub> Gasification Reactivity of Different Coal Rank Chars by Physicochemical Properties. <i>Energy &amp; Fuels</i> , 2013, 27, 7287-7293.	5.1	60
8	Formation Mechanism of Slag during Fluid-bed Gasification of Lignite. <i>Energy &amp; Fuels</i> , 2011, 25, 273-280.	5.1	55
9	Understanding mineral behaviors during anthracite fluidized-bed gasification based on slag characteristics. <i>Applied Energy</i> , 2014, 131, 279-287.	10.1	54
10	Catalytic Oxidation and Stabilized Adsorption of Elemental Mercury from Coal-Derived Fuel Gas. <i>Energy &amp; Fuels</i> , 2012, 26, 1629-1637.	5.1	42
11	The leaching mechanism of heavy metals (Ni, Cd, As) in a gasification slag during acidification. <i>Waste Management</i> , 2020, 114, 17-24.	7.4	35
12	Na-Containing Mineral Transformation Behaviors during Na <sub>2</sub> CO <sub>3</sub> -Catalyzed CO <sub>2</sub> Gasification of High-Alumina Coal. <i>Energy &amp; Fuels</i> , 2017, 31, 1235-1242.	5.1	34
13	Catalytic Gasification Activity of Na <sub>2</sub> CO <sub>3</sub> and Comparison with K <sub>2</sub> CO <sub>3</sub> for a High-Aluminum Coal Char. <i>Energy &amp; Fuels</i> , 2015, 29, 6988-6998.	5.1	29
14	Fast co-pyrolysis of coal and biomass in a fluidized-bed reactor. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 1663-1673.	3.6	28
15	Investigation into the kinetics of pressurized steam gasification of chars with different coal ranks. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 519-527.	3.6	21
16	Effects of CO <sub>2</sub> Atmosphere and K <sub>2</sub> CO <sub>3</sub> Addition on the Reduction Reactivity, Oxygen Transport Capacity, and Sintering of CuO and Fe <sub>2</sub> O <sub>3</sub> Oxygen Carriers in Coal Direct Chemical Looping Combustion. <i>Energy &amp; Fuels</i> , 2013, 27, 2703-2711.	5.1	20
17	Investigation on Ash-Fusion Characteristics of Livestock Manure and Low-Rank Coals. <i>Energy &amp; Fuels</i> , 2020, 34, 5804-5812.	5.1	18
18	Investigation into the characteristics of Na <sub>2</sub> CO <sub>3</sub> -catalyzed steam gasification for a high-aluminum coal char. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1213-1220.	3.6	17

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19	Insight into the effects of additive water on caking and coking behaviors of coal blends with low-rank coal. <i>Fuel</i> , 2019, 238, 10-17.	6.4	17
20	Mechanism of Ca Additive Acting as a Deterrent to Na <sub>2</sub> CO <sub>3</sub> Deactivation during Catalytic Coal Gasification. <i>Energy &amp; Fuels</i> , 2019, 33, 938-945.	5.1	16
21	Fusibility Characteristics of Fine Chars from Pilot-Scale Fluidized-Bed Gasification. <i>Energy &amp; Fuels</i> , 2014, 28, 6793-6802.	5.1	15
22	Mineral behavior of low-temperature lignite ashes under gasification atmosphere. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 605-612.	2.7	13
23	Investigation on the sintering behaviors of low-temperature lignite ashes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 1311-1320.	3.6	11
24	Exploration in ash-deposition (AD) behavior modification of low-rank coal by manure addition. <i>Energy</i> , 2020, 208, 118293.	8.8	11
25	Influence of Fly Ash on High Temperature Desulfurization Using Iron Oxide Sorbent. <i>Energy &amp; Fuels</i> , 2002, 16, 1585-1590.	5.1	10
26	In-Situ Catalytic Upgrading of Tar and Coke during Biomass/Coal Co-pyrolysis. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 17182-17191.	3.7	10
27	Comparison of Silica Leaching Behaviors from the Acid-Leached Residue of Catalytic Gasification and Combustion. <i>Energy &amp; Fuels</i> , 2017, 31, 10745-10751.	5.1	8
28	Unique Advantages of Gasification-Coke Prepared with Low-Rank Coal Blends via Reasonable Granularity Control. <i>Energy &amp; Fuels</i> , 2019, 33, 2115-2121.	5.1	8
29	One-step synthesis of bulk Mo and Ni-Mo carbides for methanation. <i>RSC Advances</i> , 2016, 6, 24353-24360.	3.6	7
30	Acid-Leaching and Silanization of Catalytic Gasification Ash Enhance the Mechanical Properties of Polyurethane/Ash Composites. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 1426-1433.	3.7	7
31	The different catalytic effects of Na species on char gasification and the reasons for this different. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 5687-5699.	3.6	4
32	Sulfidation/regeneration multicycle testing of nickel-modified ZnFe <sub>2</sub> O <sub>4</sub> desulphurization sorbent. <i>Frontiers of Chemical Engineering in China</i> , 2010, 4, 435-440.	0.6	2
33	Distribution Characteristics of Coking Products and Mechanism of Tar Lightening in Preparation of High-Strength Gasification-Coke with Low-Rank Coal Blending. <i>Energy &amp; Fuels</i> , 2019, 33, 10904-10912.	5.1	1