

Fang-Jing Liu

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,245
citations

361045

20
h-index

360668

35
g-index

38
all docs

38
docs citations

38
times ranked

498
citing authors

#	ARTICLE	IF	CITATIONS
1	A mini review on biotransformation of coal to methane by enhancement of chemical pretreatment. <i>Fuel</i> , 2022, 308, 121961.	3.4	25
2	Mechanism analysis of methanol alcoholysis of Naomaohu lignite extraction residue based on model compound reaction path. <i>Journal of Fuel Chemistry and Technology</i> , 2022, 50, 396-407.	0.9	6
3	Effect of temperature on catalytic hydrocracking of Xiaolongtan lignite over a mesoporous silica-coated Fe ₃ O ₄ supported magnetic solid base for producing aromatics. <i>Journal of the Energy Institute</i> , 2021, 94, 352-359.	2.7	7
4	Biogenic methane generation from Vietnamese coal after pretreatment with hydrogen peroxide. <i>International Journal of Energy Research</i> , 2021, 45, 18713-18721.	2.2	5
5	Investigation on the composition of soluble portions from the extraction residue of Hanglaiwan subbituminous coal by thermal dissolution and alkanolyses. <i>Fuel</i> , 2021, 306, 121747.	3.4	6
6	Characterization of Oxygen-Containing Aromatics in a Low-Temperature Coal Tar. <i>Energy & Fuels</i> , 2021, 35, 283-289.	2.5	8
7	Enhanced liquid tar production as fuels/chemicals from Powder River Basin coal through CaO catalyzed stepwise degradation in eco-friendly supercritical CO ₂ /ethanol. <i>Energy</i> , 2020, 191, 116563.	4.5	3
8	Carbon Dots Derived from Facile Tailoring of Shaerhu Lignite as a Novel Fluorescence Sensor with High Selectivity and Sensitivity for Cu ²⁺ Detection. <i>ChemistrySelect</i> , 2020, 5, 12125-12130.	0.7	5
9	Investigation on the Structural Features of Hanglaiwan Subbituminous Coal and Its Residues from Solvent Extraction and Thermal Dissolution. <i>Energy & Fuels</i> , 2020, 34, 15870-15877.	2.5	8
10	Enzymatic decolorization of melanin by lignin peroxidase from <i>Phanerochaete chrysosporium</i> . <i>Scientific Reports</i> , 2020, 10, 20240.	1.6	19
11	Enhanced bioremediation of diesel range hydrocarbons in soil using biochar made from organic wastes. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 569.	1.3	25
12	Selective hydrogenolysis of C-O bonds in benzyloxybenzene and dealkaline lignin to valuable aromatics over Ni/TiN. <i>Fuel Processing Technology</i> , 2020, 209, 106523.	3.7	17
13	Production of Benzenecarboxylic Acids from Geting Bituminous Coal through Oxidation with NaOCl Enhanced by Pretreatment with H ₂ O ₂ . <i>ChemistrySelect</i> , 2020, 5, 8380-8385.	0.7	4
14	Directional Catalytic Hydroconversion of Oxybis (methylene)dibenzene and an Extract from Piliqing Subbituminous Coal over a Magnetic Difunctional Solid Superbase. <i>ChemistrySelect</i> , 2020, 5, 1130-1134.	0.7	3
15	Identification of oxygen-containing aromatics in soluble portions from thermal dissolution and alkanolyses of Baiyinhua lignite. <i>Fuel Processing Technology</i> , 2019, 186, 149-155.	3.7	13
16	Insight into molecular compositions of soluble species from sequential thermal dissolution of Liuhuanggou bituminous coal and its extraction residue. <i>Fuel</i> , 2019, 253, 762-771.	3.4	17
17	Production of benzenecarboxylic acids from two typical Chinese subbituminous coals by oxidation in aqueous sodium hypochlorite solution and insights into structural characteristics. <i>Fuel</i> , 2019, 247, 386-394.	3.4	14
18	Structural features of liquefaction residue from Shenmu-Fugu subbituminous coal. <i>Fuel</i> , 2019, 242, 819-827.	3.4	23

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19	Tandem mass spectrometric evaluation of core structures of aromatic compounds after catalytic deoxygenation. <i>Fuel Processing Technology</i> , 2018, 176, 119-123.	3.7	40
20	Mild degradation of Powder River Basin sub-bituminous coal in environmentally benign supercritical CO ₂ -ethanol system to produce valuable high-yield liquid tar. <i>Applied Energy</i> , 2018, 225, 460-470.	5.1	29
21	Mild oxidation of Yanshan petroleum coke with aqueous sodium hypochlorite. <i>Fuel</i> , 2018, 226, 658-664.	3.4	17
22	Two-step depolymerization of Zhaotong lignite in ethanol. <i>Fuel</i> , 2017, 196, 391-397.	3.4	22
23	Extraction and thermal dissolution of Piliqing subbituminous coal. <i>Fuel</i> , 2017, 200, 282-289.	3.4	34
24	Comparison of three methods for extracting Liuhuanggou bituminous coal. <i>Fuel</i> , 2017, 210, 290-297.	3.4	20
25	Sequential thermal dissolution and alkanolyses of extraction residue from Xinghe lignite. <i>Fuel Processing Technology</i> , 2017, 167, 425-430.	3.7	28
26	Effects of sequential extraction and thermal dissolution on the structure and composition of Buliangou subbituminous coal. <i>Fuel Processing Technology</i> , 2016, 148, 324-331.	3.7	34
27	Separation and structural characterization of the value-added chemicals from mild degradation of lignites: A review. <i>Applied Energy</i> , 2016, 170, 415-436.	5.1	129
28	Sequential Extraction and Thermal Dissolution of Baiyinhua Lignite in Isometric CS ₂ /Acetone and Toluene/Methanol Binary Solvents. <i>Energy & Fuels</i> , 2016, 30, 47-53.	2.5	37
29	Difference in molecular composition of soluble organic species from two Chinese lignites with different geologic ages. <i>Fuel</i> , 2015, 148, 120-126.	3.4	20
30	Molecular characterization of heteroatomic compounds in a high-temperature coal tar using three mass spectrometers. <i>Fuel Processing Technology</i> , 2015, 138, 65-73.	3.7	57
31	Investigation on compositional and structural features of Xianfeng lignite through sequential thermal dissolution. <i>Fuel Processing Technology</i> , 2015, 138, 125-132.	3.7	40
32	Mild oxidation of Xiaolongtan lignite in aqueous hydrogen peroxide/acetic anhydride. <i>Fuel</i> , 2015, 142, 268-273.	3.4	47
33	Methanolysis of extraction residue from Xianfeng lignite with NaOH and product characterizations with different spectrometries. <i>Fuel Processing Technology</i> , 2015, 136, 8-16.	3.7	25
34	Advances in Lignite Extraction and Conversion under Mild Conditions. <i>Energy & Fuels</i> , 2015, 29, 6869-6886.	2.5	83
35	Characterization of acidic species in ethanol-soluble portion from Zhaotong lignite ethanolysis by negative-ion electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Fuel Processing Technology</i> , 2014, 128, 297-302.	3.7	50
36	Investigation on structural features of Shengli lignite through oxidation under mild conditions. <i>Fuel</i> , 2013, 109, 316-324.	3.4	106

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37	Characterizations of the Extracts from Geting Bituminous Coal by Spectrometries. Energy & Fuels, 2013, 27, 3709-3717.	2.5	64
38	Sequential Thermal Dissolution of Huolinguole Lignite in Methanol and Ethanol. Energy & Fuels, 2011, 25, 2741-2745.	2.5	155