Fang-Jing Liu

List of Publications by Year
in descending order

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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	Sequential Thermal Dissolution of Huolinguole Lignite in Methanol and Ethanol. Energy & Fuels, 2011, 25, 2741-2745.	2.5	155
2	Separation and structural characterization of the value-added chemicals from mild degradation of lignites: A review. Applied Energy, 2016, 170, 415-436.	5.1	129
3	Investigation on structural features of Shengli lignite through oxidation under mild conditions. Fuel, 2013, 109, 316-324.	3.4	106
4	Advances in Lignite Extraction and Conversion under Mild Conditions. Energy & Fuels, 2015, 29, 6869-6886.	2.5	83
5	Characterizations of the Extracts from Geting Bituminous Coal by Spectrometries. Energy & Fuels, 2013, 27, 3709-3717.	2.5	64
6	Molecular characterization of heteroatomic compounds in a high-temperature coal tar using three mass spectrometers. Fuel Processing Technology, 2015, 138, 65-73.	3.7	57
7	Characterization of acidic species in ethanol-soluble portion from Zhaotong lignite ethanolysis by negative-ion electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. Fuel Processing Technology, 2014, 128, 297-302.	3.7	50
8	Mild oxidation of Xiaolongtan lignite in aqueous hydrogen peroxideâ€“acetic anhydride. Fuel, 2015, 142, 268-273.	3.4	47
9	Investigation on compositional and structural features of Xianfeng lignite through sequential thermal dissolution. Fuel Processing Technology, 2015, 138, 125-132.	3.7	40
10	Tandem mass spectrometric evaluation of core structures of aromatic compounds after catalytic deoxygenation. Fuel Processing Technology, 2018, 176, 119-123.	3.7	40
11	Sequential Extraction and Thermal Dissolution of Baiyinhua Lignite in Isometric CS₂/Acetone and Toluene/Methanol Binary Solvents. Energy & Fuels, 2016, 30, 47-53.	2.5	37
12	Effects of sequential extraction and thermal dissolution on the structure and composition of Buliangou subbituminous coal. Fuel Processing Technology, 2016, 148, 324-331.	3.7	34
13	Extraction and thermal dissolution of Piliqing subbituminous coal. Fuel, 2017, 200, 282-289.	3.4	34
14	Mild degradation of Powder River Basin sub-bituminous coal in environmentally benign supercritical CO2-ethanol system to produce valuable high-yield liquid tar. Applied Energy, 2018, 225, 460-470.	5.1	29
15	Sequential thermal dissolution and alkanolyses of extraction residue from Xinghe lignite. Fuel Processing Technology, 2017, 167, 425-430.	3.7	28
16	Methanolysis of extraction residue from Xianfeng lignite with NaOH and product characterizations with different spectrometries. Fuel Processing Technology, 2015, 136, 8-16.	3.7	25
17	Enhanced bioremediation of diesel range hydrocarbons in soil using biochar made from organic wastes. Environmental Monitoring and Assessment, 2020, 192, 569.	1.3	25
18	A mini review on biotransformation of coal to methane by enhancement of chemical pretreatment. Fuel, 2022, 308, 121961.	3.4	25

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19	Structural features of liquefaction residue from Shenmu-Fugu subbituminous coal. Fuel, 2019, 242, 819-827.	3.4	23
20	Two-step depolymerization of Zhaotong lignite in ethanol. Fuel, 2017, 196, 391-397.	3.4	22
21	Difference in molecular composition of soluble organic species from two Chinese lignites with different geologic ages. Fuel, 2015, 148, 120-126.	3.4	20
22	Comparison of three methods for extracting Liuhuanggou bituminous coal. Fuel, 2017, 210, 290-297.	3.4	20
23	Enzymatic decolorization of melanin by lignin peroxidase from Phanerochaete chrysosporium. Scientific Reports, 2020, 10, 20240.	1.6	19
24	Mild oxidation of Yanshan petroleum coke with aqueous sodium hypochlorite. Fuel, 2018, 226, 658-664.	3.4	17
25	Insight into molecular compositions of soluble species from sequential thermal dissolution of Liuhuanggou bituminous coal and its extraction residue. Fuel, 2019, 253, 762-771.	3.4	17
26	Selective hydrogenolysis of C O bonds in benzyloxybenzene and dealkaline lignin to valuable aromatics over Ni/TiN. Fuel Processing Technology, 2020, 209, 106523.	3.7	17
27	Production of benzenecarboxylic acids from two typical Chinese subbituminous coals by oxidation in aqueous sodium hypochlorite solution and insights into structural characteristics. Fuel, 2019, 247, 386-394.	3.4	14
28	Identification of oxygen-containing aromatics in soluble portions from thermal dissolution and alkanolyses of Baiyinhua lignite. Fuel Processing Technology, 2019, 186, 149-155.	3.7	13
29	Investigation on the Structural Features of Hanglaiwan Subbituminous Coal and Its Residues from Solvent Extraction and Thermal Dissolution. Energy & Fuels, 2020, 34, 15870-15877.	2.5	8
30	Characterization of Oxygen-Containing Aromatics in a Low-Temperature Coal Tar. Energy & Fuels, 2021, 35, 283-289.	2.5	8
31	Effect of temperature on catalytic hydrocracking of Xiaolongtan lignite over a mesoporous silica-coated Fe3O4 supported magnetic solid base for producing aromatics. Journal of the Energy Institute, 2021, 94, 352-359.	2.7	7
32	Investigation on the composition of soluble portions from the extraction residue of Hanglaiwan subbituminous coal by thermal dissolution and alkanolyses. Fuel, 2021, 306, 121747.	3.4	6
33	Mechanism analysis of methanol alcoholysis of Naomaohu lignite extraction residue based on model compound reaction path. Journal of Fuel Chemistry and Technology, 2022, 50, 396-407.	0.9	6
34	Carbon Dots Derived from Facile Tailoring of Shaerhu Lignite as a Novel Fluorescence Sensor with Highâ€Selectivity and Sensitivity for Cu 2+ Detection. ChemistrySelect, 2020, 5, 12125-12130.	0.7	5
35	Biogenic methane generation from Vietnamese coal after pretreatment with hydrogen peroxide. International Journal of Energy Research, 2021, 45, 18713-18721.	2.2	5
36	Production of Benzenecarboxylic Acids from Geting Bituminous Coal through Oxidation with NaOCl Enhanced by Pretreatment with H₂O₂. ChemistrySelect, 2020, 5, 8380-8385.	0.7	4

#	Article	IF	Citations
37	Enhanced liquid tar production as fuels/chemicals from Powder River Basin coal through CaO catalyzed stepwise degradation in eco-friendly supercritical CO2/ethanol. Energy, 2020, 191, 116563.	4.5	3
38	Directional Catalytic Hydroconversion of Oxybis (methylene)dibenzene and an Extract from Piliqing Subbituminous Coal over a Magnetic Difunctional Solid Superbase. ChemistrySelect, 2020, 5, 1130-1134.	0.7	3