

Zhi-Min Zong

List of Publications by Year in descending order

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papers

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76196

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#	ARTICLE	IF	CITATIONS
1	Insight into the structural features of Zhaotong lignite using multiple techniques. <i>Fuel</i> , 2015, 153, 176-182.	3.4	188
2	Sequential Thermal Dissolution of Huoliinguole Lignite in Methanol and Ethanol. <i>Energy & Fuels</i> , 2011, 25, 2741-2745.	2.5	155
3	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
4	Investigation on structural features of Shengli lignite through oxidation under mild conditions. <i>Fuel</i> , 2013, 109, 316-324.	3.4	106
5	Application of supported metallic catalysts in catalytic hydrogenation of arenes. <i>RSC Advances</i> , 2013, 3, 14219.	1.7	85
6	Advances in Lignite Extraction and Conversion under Mild Conditions. <i>Energy & Fuels</i> , 2015, 29, 6869-6886.	2.5	83
7	Extraction of Organonitrogen Compounds from Five Chinese Coals with Methanol. <i>Energy & Fuels</i> , 2009, 23, 4848-4851.	2.5	81
8	Difference in chemical composition of supercritical methanolysis products between two lignites. <i>Applied Energy</i> , 2011, 88, 4570-4576.	5.1	78
9	Separation and analysis of organic compounds in an Erdos coal. <i>Fuel</i> , 2009, 88, 469-474.	3.4	77
10	Identification of organochlorines and organobromines in coals. <i>Fuel</i> , 2004, 83, 2435-2438.	3.4	75
11	Ruthenium Ion-Catalyzed Oxidation of Shenfu Coal and Its Residues. <i>Energy & Fuels</i> , 2008, 22, 1799-1806.	2.5	74
12	Oxidation of Shenfu Coal with RuO ₄ and NaOCl. <i>Energy & Fuels</i> , 2010, 24, 1801-1808.	2.5	74
13	Application of gas chromatography/mass spectrometry in studies on separation and identification of organic species in coals. <i>Fuel</i> , 2013, 109, 28-32.	3.4	74
14	Oxidation of Shengli lignite with aqueous sodium hypochlorite promoted by pretreatment with aqueous hydrogen peroxide. <i>Fuel</i> , 2013, 111, 211-215.	3.4	74
15	Characterization of Oxygen-Containing Species in Methanolysis Products of the Extraction Residue from Xianfeng Lignite with Negative-Ion Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Energy & Fuels</i> , 2014, 28, 5596-5605.	2.5	69
16	GC/MS Analysis of Water-Soluble Products from the Mild Oxidation of Longkou Brown Coal with H ₂ O ₂ . <i>Energy & Fuels</i> , 2003, 17, 424-426.	2.5	68
17	Solvent-controlled selective hydrodeoxygenation of bio-derived guaiacol to arenes or phenols over a biochar supported Co-doped MoO ₂ catalyst. <i>Fuel Processing Technology</i> , 2018, 179, 114-123.	3.7	67
18	Characterizations of the Extracts from Geting Bituminous Coal by Spectrometries. <i>Energy & Fuels</i> , 2013, 27, 3709-3717.	2.5	64

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19	Characterization of a bio-oil from pyrolysis of rice husk by detailed compositional analysis and structural investigation of lignin. <i>Bioresource Technology</i> , 2012, 116, 114-119.	4.8	62
20	Characterization of Biomarkers and Structural Features of Condensed Aromatics in Xianfeng Lignite. <i>Energy & Fuels</i> , 2013, 27, 7369-7378.	2.5	60
21	Hollow zeolite structures formed by crystallization in crosslinked polyacrylamide hydrogels. <i>Journal of Materials Chemistry</i> , 2008, 18, 3337.	6.7	59
22	Insight into the structural features of macromolecular aromatic species in Huolinguo lignite through ruthenium ion-catalyzed oxidation. <i>Fuel</i> , 2014, 128, 231-239.	3.4	56
23	Structural Characterization of Typical Organic Species in Jincheng No. 15 Anthracite. <i>Energy & Fuels</i> , 2015, 29, 595-601.	2.5	53
24	Characterization of acidic species in ethanol-soluble portion from Zhaotong lignite ethanolsis by negative-ion electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Fuel Processing Technology</i> , 2014, 128, 297-302.	3.7	50
25	Structural evaluation of Xiaolongtan lignite by direct characterization and pyrolytic analysis. <i>Fuel Processing Technology</i> , 2016, 144, 248-254.	3.7	50
26	Ameliorative effect of <i>Trametes orientalis</i> polysaccharide against immunosuppression and oxidative stress in cyclophosphamide-treated mice. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 1216-1222.	3.6	50
27	Characterization of organonitrogen species in Xianfeng lignite by sequential extraction and ruthenium ion-catalyzed oxidation. <i>Fuel Processing Technology</i> , 2014, 126, 199-206.	3.7	49
28	Reaction of Di(1-naphthyl)methane over Metals and Metal-Sulfur Systems. <i>Energy & Fuels</i> , 2003, 17, 652-657.	2.5	48
29	Value-added utilization of high-temperature coal tar: A review. <i>Fuel</i> , 2021, 292, 119954.	3.4	48
30	Mild oxidation of Xiaolongtan lignite in aqueous hydrogen peroxide/acetic anhydride. <i>Fuel</i> , 2015, 142, 268-273.	3.4	47
31	A Highly Active Ni/ZSM-5 Catalyst for Complete Hydrogenation of Polymethylbenzenes. <i>ChemCatChem</i> , 2013, 5, 3543-3547.	1.8	45
32	Structural Features of Extraction Residues from Supercritical Methanolysis of Two Chinese Lignites. <i>Energy & Fuels</i> , 2013, 27, 4632-4638.	2.5	45
33	Deep hydrogenation of coal tar over a Ni/ZSM-5 catalyst. <i>RSC Advances</i> , 2014, 4, 17105.	1.7	45
34	Sequential oxidation of Jincheng No. 15 anthracite with aqueous sodium hypochlorite. <i>Fuel Processing Technology</i> , 2014, 125, 182-189.	3.7	44
35	Isolation and Identification of Fatty Acid Amides from Shengli Coal. <i>Energy & Fuels</i> , 2008, 22, 2419-2421.	2.5	43
36	Identification of basic nitrogen compounds in ethanol-soluble portion from Zhaotong lignite ethanolsis by positive-ion electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Fuel</i> , 2015, 141, 268-274.	3.4	43

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37	Temperature-controlled hydrogenation of anthracene over nickel nanoparticles supported on attapulgite powder. <i>Fuel</i> , 2018, 223, 222-229.	3.4	42
38	Photocatalytic depolymerization of rice husk over TiO ₂ with H ₂ O ₂ . <i>Fuel Processing Technology</i> , 2014, 117, 8-16.	3.7	41
39	Cornstalk liquefaction in methanol/water mixed solvents. <i>Fuel Processing Technology</i> , 2014, 117, 1-7.	3.7	41
40	Effects of iron catalyst precursors, sulfur, hydrogen pressure and solvent type on the hydrocracking of di(1-naphthyl)methane. <i>Fuel</i> , 1993, 72, 1547-1552.	3.4	40
41	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
42	A novel galactose-PEG-conjugated biodegradable copolymer is an efficient gene delivery vector for immunotherapy of hepatocellular carcinoma. <i>Biomaterials</i> , 2018, 184, 20-30.	5.7	40
43	Evaluation of atmospheric solids analysis probe mass spectrometry for the analysis of coal-related model compounds. <i>Fuel</i> , 2014, 117, 556-563.	3.4	39
44	Application of mass spectrometry in the characterization of chemicals in coal-derived liquids. <i>Mass Spectrometry Reviews</i> , 2017, 36, 543-579.	2.8	39
45	Separation and analysis of the degradation products of two coals in aqueous NaOCl solution. <i>Journal of Fuel Chemistry and Technology</i> , 2012, 40, 1-7.	0.9	37
46	Synergic effect of methanol and water on pine liquefaction. <i>Bioresource Technology</i> , 2013, 142, 504-509.	4.8	37
47	Characterization of basic heteroatom-containing organic compounds in liquefaction residue from Shenmu Fugu subbituminous coal by positive-ion electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Fuel Processing Technology</i> , 2015, 132, 91-98.	3.7	37
48	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
49	A new solid acid for specifically cleaving the CarCalk bond in di(1-naphthyl)methane. <i>Applied Catalysis A: General</i> , 2012, 425-426, 79-84.	2.2	35
50	Analysis of extractable basic nitrogen compounds in Buliangou subbituminous coal by positive-ion ESI FT-ICR MS. <i>Fuel</i> , 2015, 159, 385-391.	3.4	35
51	Deep hydroconversion of ethanol-soluble portion from the ethanolysis of Dahuangshan lignite to clean liquid fuel over a mordenite supported nickel catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 139, 13-21.	2.6	35
52	ReaxFF Reactive Force Field for Molecular Dynamics Simulations of Lignite Depolymerization in Supercritical Methanol with Lignite-Related Model Compounds. <i>Energy & Fuels</i> , 2012, 26, 984-989.	2.5	34
53	Characterization of Zhundong subbituminous coal by time-of-flight mass spectrometry equipped with atmospheric pressure photoionization ion source. <i>Fuel Processing Technology</i> , 2014, 117, 60-65.	3.7	34
54	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

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55	Extraction and thermal dissolution of Piliqing subbituminous coal. <i>Fuel</i> , 2017, 200, 282-289.	3.4	34
56	Sweet sorghum stalk liquefaction in supercritical methanol: Effects of operating conditions on product yields and molecular composition of soluble fraction. <i>Fuel Processing Technology</i> , 2017, 155, 42-50.	3.7	33
57	Photobromination of Side-Chain Methyl Groups on Arenes with N-Bromosuccinimide "Convenient and Selective Syntheses of Bis(bromomethyl)- and (Bromomethyl)methylarenes". <i>Bulletin of the Chemical Society of Japan</i> , 1992, 65, 345-348.	2.0	32
58	Sulfur-containing species in the extraction residue from Xianfeng lignite characterized by X-ray photoelectron spectrometry and electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>RSC Advances</i> , 2015, 5, 7125-7130.	1.7	32
59	Catalytic hydroconversion of methanol-soluble portion from Xiaolongtan lignite over difunctional Ni/Z5A. <i>Fuel Processing Technology</i> , 2016, 148, 146-154.	3.7	32
60	Microwave-Assisted Hydrogen Transfer to Anthracene and Phenanthrene over Pd/C. <i>Energy & Fuels</i> , 2009, 23, 638-645.	2.5	31
61	Sequential extraction and thermal dissolution of Shengli lignite. <i>Fuel Processing Technology</i> , 2015, 135, 20-24.	3.7	31
62	Characterization of bio-oils from the alkanolyses of sweet sorghum stalk by electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Fuel</i> , 2015, 160, 596-604.	3.4	30
63	Multifunctional and highly active Ni/microfiber attapulgite for catalytic hydroconversion of model compounds and coal tars. <i>Fuel Processing Technology</i> , 2015, 134, 39-45.	3.7	30
64	Sequential extraction and characterization of liquefaction residue from Shenmu "Fugu subbituminous coal. <i>Fuel Processing Technology</i> , 2015, 136, 1-7.	3.7	30
65	One Pot Three Component Synthesis of 9-arylpolhydroacridine Derivatives in an Ionic Liquid Medium. <i>Journal of Chemical Research</i> , 2005, 2005, 600-602.	0.6	29
66	Catalytic hydroconversion of Geting bituminous coal over FeNi-S ₂ -Al ₂ O ₃ . <i>Fuel Processing Technology</i> , 2015, 133, 195-201.	3.7	29
67	Identification of Organic Chlorines and Iodines in the Extracts from Hydrotreated Argonne Premium Coal Residues. <i>Energy & Fuels</i> , 2007, 21, 2238-2239.	2.5	28
68	Highly selective catalytic hydroconversion of benzyloxybenzene to bicyclic cyclanes over bifunctional nickel catalysts. <i>Catalysis Communications</i> , 2017, 98, 38-42.	1.6	28
69	Sequential thermal dissolution and alkanolyses of extraction residue from Xinghe lignite. <i>Fuel Processing Technology</i> , 2017, 167, 425-430.	3.7	28
70	Isolation and Identification of Two Bis(2-ethylheptyl) Benzenedicarboxylates from Lingwu Coal. <i>Energy & Fuels</i> , 2009, 23, 588-590.	2.5	27
71	Preparation and Property Measurement of Liquid Fuel from Supercritical Ethanolysis of Wheat Stalk. <i>Energy & Fuels</i> , 2010, 24, 136-144.	2.5	27
72	Identification of organonitrogen and organooxygen compounds in the extraction residue from Buliangou subbituminous coal by FTICRMS. <i>Fuel</i> , 2016, 171, 151-158.	3.4	27

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73	Difunctional nickel/microfiber attapulgite modified with an acidic ionic liquid for catalytic hydroconversion of lignite-related model compounds. <i>Fuel</i> , 2017, 204, 236-242.	3.4	27
74	Molecular composition of soluble fraction from depolymerized cornstalk powder in supercritical methanol and ethanol. <i>Renewable Energy</i> , 2010, 35, 946-951.	4.3	26
75	Enrichment and Identification of Arylhopanes from Shengli Lignite. <i>Energy & Fuels</i> , 2014, 28, 6745-6748.	2.5	26
76	Isolation and Identification of 3-Ethyl-8-methyl-2,3-dihydro-1 <i>H</i> -cyclopenta[<i>a</i>]chrysene from Shengli Lignite. <i>Energy & Fuels</i> , 2014, 28, 6694-6697.	2.5	26
77	Characterization of nitrogen and sulfur-containing species in Zhaotong lignite and its extracts from ultrasonic extraction. <i>Fuel</i> , 2018, 219, 417-425.	3.4	26
78	Catalytic hydroconversion of soluble portion in the extraction from Hecaogou subbituminous coal to clean liquid fuel over a γ /ZSM-5 composite zeolite-supported nickel catalyst. <i>Fuel</i> , 2020, 269, 117326.	3.4	26
79	Reactivities of Di(1-naphthyl)methane and Hydrogenated Di(1-naphthyl)methanes toward Hydrocracking over Ni ²⁺ /S. <i>Energy & Fuels</i> , 2002, 16, 1154-1159.	2.5	25
80	Catalytic hydroconversion of extraction residue from Shengli lignite over Fe ²⁺ /ZSM-5. <i>Fuel Processing Technology</i> , 2014, 126, 131-137.	3.7	25
81	A highly active Ni/mesoporous attapulgite for hydrocracking CO bonds in rice straw. <i>Fuel Processing Technology</i> , 2015, 131, 376-381.	3.7	25
82	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
83	Characterization of nitrogen- and oxygen-containing species in methanol-extractable portion from Xinghe lignite. <i>Fuel Processing Technology</i> , 2016, 142, 167-173.	3.7	25
84	Selective Hydrogen Transfer to Anthracene and Its Derivatives over an Activated Carbon. <i>Energy & Fuels</i> , 2009, 23, 4877-4882.	2.5	24
85	Isolation and Identification of Methyl Alkanoates from Lingwu Coal. <i>Energy & Fuels</i> , 2010, 24, 2784-2786.	2.5	24
86	Poplar Liquefaction in Water/Methanol Cosolvents. <i>Energy & Fuels</i> , 2015, 29, 3104-3110.	2.5	24
87	Selective production and characterization of aromatic carboxylic acids from Xianfeng lignite-derived residue by mild oxidation in aqueous H ₂ O ₂ solution. <i>Fuel Processing Technology</i> , 2018, 181, 91-96.	3.7	24
88	Dewaxing from Stalks with Petroleum Ether by Different Methods. <i>Energy & Fuels</i> , 2007, 21, 1165-1168.	2.5	23
89	Nitrogen-doped porous carbon foams prepared from mesophase pitch through graphitic carbon nitride nanosheet templates. <i>RSC Advances</i> , 2015, 5, 45718-45724.	1.7	23
90	Characterization of soluble portions from thermal dissolution of Zhaotong lignite in cyclohexane and methanol. <i>Fuel Processing Technology</i> , 2016, 151, 131-138.	3.7	23

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91	Structural features of liquefaction residue from Shenmu-Fugu subbituminous coal. <i>Fuel</i> , 2019, 242, 819-827.	3.4	23
92	Characterization of the Oxygenated Chemicals Produced from Supercritical Methanolysis of Modified Lignites. <i>Energy & Fuels</i> , 2016, 30, 2636-2646.	2.5	22
93	Two-step depolymerization of Zhaotong lignite in ethanol. <i>Fuel</i> , 2017, 196, 391-397.	3.4	22
94	Optimization of Ultrasonic-Microwave Assisted Extraction and Hepatoprotective Activities of Polysaccharides from <i>Trametes orientalis</i> . <i>Molecules</i> , 2019, 24, 147.	1.7	22
95	An Effective Approach for Separating Carbazole and Its Derivates from Coal-Tar-Derived Anthracene Oil Using Ionic Liquids. <i>Energy & Fuels</i> , 2019, 33, 513-522.	2.5	22
96	Catalytic Hydroconversion of Ethanol-Soluble Portion from the Ethanolysis of Hecaogou Subbituminous Coal Extraction Residue to Clean Liquid Fuel over a Zeolite Y/ZSM-5 Composite Zeolite-Supported Nickel Catalyst. <i>Energy & Fuels</i> , 2020, 34, 4799-4807.	2.5	22
97	Pd/C-Catalyzed Release of Organonitrogen Compounds from Bituminous Coals. <i>Energy & Fuels</i> , 2002, 16, 527-528.	2.5	21
98	Thermal Release and Catalytic Removal of Organic Sulfur Compounds from Upper Freeport Coal. <i>Energy & Fuels</i> , 2005, 19, 339-342.	2.5	21
99	Comparison of catalytic hydroliquefaction of Xiaolongtan lignite over FeS, FeS+S and SO ₄ ²⁻ /ZrO ₂ . <i>Energy</i> , 2011, 36, 41-45.	4.5	21
100	Alkanalysis simulation of lignite-related model compounds using density functional theory. <i>Fuel</i> , 2014, 120, 158-162.	3.4	21
101	Effective Separation and Purification of Nitrogen-Containing Aromatics from the Light Portion of a High-Temperature Coal Tar Using Choline Chloride and Malonic Acid: Experimental and Molecular Dynamics Simulation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9464-9471.	3.2	21
102	Deep catalytic hydroconversion of straw-derived bio-oil to alkanes over mesoporous zeolite Y supported nickel nanoparticles. <i>Renewable Energy</i> , 2021, 173, 876-885.	4.3	21
103	Release of Organonitrogen and Organosulfur Compounds during Hydrotreatment of Pocahontas No. 3 Coal Residue over an Activated Carbon. <i>Energy & Fuels</i> , 2009, 23, 5284-5286.	2.5	20
104	Catalytic hydroconversion of lignite-related model compounds over difunctional Ni-Mg ₂ Si ₂ -Al ₂ O ₃ . <i>Fuel</i> , 2017, 200, 208-217.	3.4	20
105	Comparison of three methods for extracting Liuhuanggou bituminous coal. <i>Fuel</i> , 2017, 210, 290-297.	3.4	20
106	Insight into the Compositions of the Soluble/Insoluble Portions from the Acid/Base Extraction of Five Fractions Distilled from a High Temperature Coal Tar. <i>Energy & Fuels</i> , 2019, 33, 10099-10107.	2.5	20
107	A highly active solid acid for specifically catalyzing di(1-naphthyl)methane hydrocracking in cyclohexane. <i>Fuel Processing Technology</i> , 2016, 142, 258-263.	3.7	19
108	Hydrocracking of benzyloxybenzene as a lignite-related model compound over a novel solid acid. <i>Fuel Processing Technology</i> , 2016, 146, 110-115.	3.7	19

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109	Catalytic hydroconversion of aryl ethers over a nickel catalyst supported on acid-modified zeolite 5A. <i>Fuel Processing Technology</i> , 2018, 177, 345-352.	3.7	19
110	Selective and effective separation of five condensed arenes from a high-temperature coal tar by extraction combined with high pressure preparative chromatography. <i>Journal of Chromatography A</i> , 2019, 1603, 160-164.	1.8	19
111	A clean synthesis of polyhydroacridine and indenoquinoline derivatives catalyzed by triethylbenzylammonium chloride in aqueous media. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 989-995.	1.4	18
112	Characterization of heteroatom-containing species in the soluble portion from the ethanolsis of the extraction residue from Xinghe lignite by electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Fuel</i> , 2016, 173, 222-229.	3.4	18
113	Selective catalytic hydroconversion of bagasse-derived bio-oil to value-added cyclanols in water: Through insight into the structural features of bagasse. <i>Fuel Processing Technology</i> , 2019, 185, 18-25.	3.7	18
114	Catalytic hydroconversion of the extraction residue from Naomaohu lignite over an active and separable magnetic solid superbase. <i>Fuel</i> , 2018, 226, 410-416.	3.4	17
115	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
116	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
117	Advances in mild degradation and directional upgrading of lignites: From feature identification to value-added utilization. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022, 163, 105477.	2.6	17
118	Analysis of some coal-related model compounds and coal derivatives with atmospheric solids analysis probe mass spectrometer. <i>Fuel</i> , 2014, 128, 302-313.	3.4	16
119	Investigation on the structural feature of Shengli lignite. <i>International Journal of Mining Science and Technology</i> , 2018, 28, 335-342.	4.6	16
120	Enrichment and identification of cyclized hopanoids from Shengli lignite. <i>Fuel Processing Technology</i> , 2015, 134, 399-403.	3.7	15
121	Catalytic hydroconversion of Yiwu lignite over solid superacid and solid superbase. <i>Fuel</i> , 2019, 238, 473-482.	3.4	15
122	Insight into the chemical complexity of ethanolsis products from extraction residue of Zhaotong lignite. <i>Fuel</i> , 2016, 174, 287-295.	3.4	14
123	A recyclable and highly active magnetic solid superbase for hydrocracking C O bridged bonds in sawdust. <i>Fuel Processing Technology</i> , 2017, 159, 396-403.	3.7	14
124	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
125	Green and effective catalytic hydroconversion of an extractable portion from an oil sludge to clean jet and diesel fuels over a mesoporous Y zeolite-supported nickel catalyst. <i>Fuel</i> , 2021, 287, 119396.	3.4	14
126	Catalytic ethanolsis of Dahuangshan lignite and directional upgrading of two derived soluble mixtures. <i>Fuel</i> , 2021, 303, 120939.	3.4	14

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127	Deep hydroconversion of ethanol-soluble portion from the ethanolysis of Hecaogou subbituminous coal to ultra-clean liquid fuel over hierarchical porous zeolite Y supported Ni-Co nanoparticles. <i>Journal of the Energy Institute</i> , 2021, 99, 88-96.	2.7	14
128	Effective hydroconversion of heteroatom-containing organic species from the extraction of low-temperature coal tar to cycloalkanes over a Y/Beta composite zeolite supported nickel nanoparticles. <i>Fuel</i> , 2022, 321, 124062.	3.4	14
129	A Convenient and Clean Procedure for the Synthesis of Pyran Derivatives in Aqueous Media Catalysed by Tebac. <i>Journal of Chemical Research</i> , 2006, 2006, 228-230.	0.6	13
130	Mild oxidation of Jincheng NO. 15 anthracite. <i>Journal of Fuel Chemistry and Technology</i> , 2013, 41, 819-825.	0.9	13
131	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
132	Oxidation of Shenmu char powder with aqueous hydrogen peroxide-acetic anhydride. <i>Fuel Processing Technology</i> , 2015, 136, 56-63.	3.7	12
133	Insight into the Chemical Complexity of Soluble Portions from Cornstalk Methanolysis. <i>Energy & Fuels</i> , 2016, 30, 3020-3029.	2.5	12
134	Investigation on the structural features of Zhundong subbituminous coal through ruthenium ion-catalyzed oxidation. <i>RSC Advances</i> , 2016, 6, 11952-11958.	1.7	12
135	Application of a Dual-Solvent Method in Separating Paraffin from a Shale Oil: A Combined Experimental and DFT Study. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 17507-17513.	1.8	12
136	Structural characterization of Baiyinhua lignite via direct and thermal decomposition methods. <i>Fuel</i> , 2019, 253, 1042-1047.	3.4	12
137	Study on the oxygen forms in soluble portions from thermal dissolution and alkanolyses of the extraction residue from Baiyinhua lignite. <i>Fuel</i> , 2020, 260, 116301.	3.4	12
138	Catalytic hydroconversion of derivatives from Naomaohu lignite over an active and recyclable bimetallic catalyst. <i>Fuel Processing Technology</i> , 2020, 204, 106388.	3.7	12
139	EFFICIENT AND CONVENIENT SYNTHESIS OF 3,4,5-TRIMETHOXYBENZALDEHYDE FROM p-CRESOL. <i>Synthetic Communications</i> , 2002, 32, 2809-2814.	1.1	11
140	Convenient synthesis of n-methylpyrrolidine-2-thione and some thioamides. <i>Korean Journal of Chemical Engineering</i> , 2003, 20, 235-238.	1.2	11
141	Identification of Octathiocane, Organonitrogens, and Organosulfurs in Tongchuan Shale. <i>Energy & Fuels</i> , 2007, 21, 1193-1194.	2.5	11
142	Changes in oxygen-functional moieties during sequential thermal dissolution and methanolysis of the extraction residue from Zhaotong lignite. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 139, 40-47.	2.6	11
143	Observing the structural variation of Dahuangshan lignite and four derived residues by non-destructive techniques and flash pyrolysis. <i>Fuel</i> , 2020, 269, 117335.	3.4	11
144	Mechanism analysis for supercritical ethanolysis of Huolinguo lignite. <i>Journal of Fuel Chemistry and Technology</i> , 2012, 40, 263-266.	0.9	10

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145	Enrichment and Identification of Condensed Aromatics in a Bio-oil from Degraded Wheat Stalk in Supercritical Ethanol. <i>Energy & Fuels</i> , 2013, 27, 596-598.	2.5	10
146	Enhanced hydrocracking Car-Calk bridged bonds in the extraction residue from Piliqing subbituminous coal over a recyclable and active magnetic solid superacid. <i>Fuel Processing Technology</i> , 2018, 176, 316-324.	3.7	10
147	Two-Step Catalytic Degradations of Dahuangshan Lignite and Directional Upgrading of the Resulting Petroleum Ether-Extractable Portions. <i>Energy & Fuels</i> , 2020, 34, 5457-5465.	2.5	10
148	Analysis of the Products from the Oxidation of Geting Bituminous Coal by Atmospheric Pressure Photoionization-Mass Spectrometry. <i>Analytical Letters</i> , 2014, 47, 958-969.	1.0	9
149	Removal of hexavalent chromium from aqueous solution by calcined Zn/Al-LDHs. <i>Water Science and Technology</i> , 2016, 74, 229-235.	1.2	9
150	Characterization of condensed aromatics and heteroatomic species in Yanshan petroleum coke through ruthenium ion-catalyzed oxidation using three mass spectrometers. <i>RSC Advances</i> , 2016, 6, 61758-61770.	1.7	9
151	An acidic ionic liquid modified microfiber attapulgite-supported nickel for catalytic hydroconversion of α,β -diaryllkanes. <i>Fuel Processing Technology</i> , 2017, 161, 85-94.	3.7	9
152	Effect of Ethanolysis on the Structure and Pyrolytic Reactivity of Zhaotong Lignite. <i>Energy & Fuels</i> , 2017, 31, 10768-10774.	2.5	9
153	Catalytic hydroconversion of Yinggemajianfeng lignite over difunctional Ni-Mg ₂ Si/l ³ -Al ₂ O ₃ . <i>Fuel</i> , 2019, 249, 496-502.	3.4	9
154	Comparative studies on the structural features of soluble portions from thermal dissolution/methanolysis and catalytic hydroconversion of an extraction residue from Heishan lignite. <i>Fuel</i> , 2019, 241, 1138-1144.	3.4	9
155	Highly Selective Hydrogenation of Furfural to Furan-2-ylmethanol over Zeolitic Imidazolate Frameworks-67-Templated Magnetic Cu-Co/C. <i>Catalysis Letters</i> , 2020, 150, 178-184.	1.4	9
156	Insight into molecular interactions between condensed aromatics in high-temperature coal tar and organic solvents by combining experimental, density functional theory, and molecular dynamics. <i>Fuel</i> , 2021, 300, 120942.	3.4	9
157	Supercritical methanolysis of rice straw pretreated with <i>Trichoderma</i> sp. AH. <i>Fuel Processing Technology</i> , 2016, 154, 91-95.	3.7	8
158	MOFs-derived N-doped carbon matrix superacid-catalyzed hydrocracking of a residue from thermal dissolution of Hefeng subbituminous coal. <i>Fuel Processing Technology</i> , 2018, 180, 180-188.	3.7	8
159	Compositional features of the extracts from the methanolysis of Xilingol No. 6 lignite. <i>Fuel</i> , 2019, 246, 516-520.	3.4	8
160	A three-step dissociation method for converting Xiaolongtan lignite into soluble organic compounds: Insights into chemicals, geochemical clues, and structural characteristics. <i>Fuel</i> , 2019, 242, 883-892.	3.4	8
161	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
162	Separation of arenols from a low-temperature coal tar by liquid-liquid extraction. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 835-838.	1.2	8

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164	Preparation of hierarchical porous carbons from a coal tar pitch modified by fluid catalytic cracking oil for a high-performance supercapacitor. <i>Journal of Materials Science</i> , 2021, 56, 16591-16601.	1.7	8
165	Characterization of Oxygen-Containing Aromatics in a Low-Temperature Coal Tar. <i>Energy & Fuels</i> , 2021, 35, 283-289.	2.5	8
166	Investigation on the structural features of Hecaogou subbituminous coal and its residues by multiple technical strategies. <i>Fuel</i> , 2022, 309, 122111.	3.4	8
167	Overview: Effective Separation of Oxygen-, Nitrogen-, and Sulfur-Containing Aromatics in High-Temperature Coal Tar by Ionic Liquids and Deep Eutectic Solvents: Experimental and Computational. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 4481-4492.	1.8	8
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169	Compositional features of extracts from Shenmu char powder. <i>Journal of Fuel Chemistry and Technology</i> , 2016, 44, 1-6.	0.9	7
170	Thermal oxidation stability of polyolefin lubricating oil. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2017, 12, 813-817.	0.8	7
171	A highly active bifunctional solid acid for di(1-naphthyl)methane hydroconversion. <i>Fuel</i> , 2018, 220, 101-108.	3.4	7
172	Selective organic phase hydrodeoxygenation of typical phenolic monomers and two lignin oils over highly active Pd/HI ² catalyst for high-grade bio-fuel production. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106599.	3.3	7
173	Photochemical Reactions of Hydroarenes with N-Bromosuccinimide. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 769-771.	2.0	6
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175	A new synthesis method for benzoquinolinic carbonyl urea and thiourea derivatives in aqueous media catalyzed by TEAC. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 441-447.	1.4	6
176	Mechanical, morphological, and thermal properties of (thermoplastic polyurethane)/(chlorinated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.8	6
177	Isolation and Identification of Two Novel Condensed Aromatic Lactones from Zhundong Subbituminous Coal. <i>Energy & Fuels</i> , 2014, 28, 7394-7397.	2.5	6
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182	$\text{Fe}_2\text{O}_3/\text{Attapulgite}$ -mediated reaction of benzyl chloride: Synthesis of poly(phenylene methylene). <i>Journal of Polymer Science Part A</i> , 2018, 56, 2280-2285.	2.5	6
183	Extraction and sequential elution of a heavy oil from direct coal liquefaction. <i>Fuel</i> , 2020, 260, 116319.	3.4	6
184	Enhanced hydrogenation of aromatic rings and hydrocracking of $\text{C}=\text{O}$ bridged bonds in the extraction residue from Piliqing subbituminous coal over a magnetic difunctional solid superbase. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 146, 104695.	2.6	6
185	Benzenecarboxylic acid production by oxidation of Shenmu char powders with aqueous sodium hypochlorite. <i>Fuel</i> , 2020, 278, 118194.	3.4	6
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187	Investigation on Naphthalene and Its Derivatives-Based Microporous Organic Hyper-Cross-Linked Polymers via Different Methodologies. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900302.	1.1	6
188	Effective Separation of Condensed Arenes from High-Temperature Coal Tar and Insight into Related Intermolecular Interactions. <i>Energy & Fuels</i> , 2021, 35, 4267-4272.	2.5	6
189	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
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191	FACILE SYNTHESIS OF ANXIOLYTIC BUSPIRONE. <i>Organic Preparations and Procedures International</i> , 2008, 40, 391-394.	0.6	5
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196	Solvent Effect on the Hydroconversion of Lignin-Related Model Compounds over MoO_3 . <i>Energy & Fuels</i> , 2021, 35, 12142-12150.	2.5	5
197	One-pot Facile Synthesis of Multifunctional Conjugated Microporous Polymers via Suzuki-Miyaura Coupling Reaction. <i>ChemistrySelect</i> , 2020, 5, 1410-1415.	0.7	5
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200	Improvement of organonitrogen compounds in methanol-soluble portion from supercritical methanolysis of pretreated rice straw with <i>Trichoderma</i> sp. <i>AH. Fuel</i> , 2017, 205, 100-108.	3.4	4
201	Insights into Physicochemical Changes of Yinggemajianfeng Lignite in Co-Solvents of Ionic Liquids and Methanol. <i>Energy & Fuels</i> , 2019, 33, 2867-2871.	2.5	4
202	Pretreatment with <i>Trichoderma</i> sp. AH enhances conversion and specificity of wheat straw in supercritical methanolysis. <i>Biomass and Bioenergy</i> , 2020, 135, 105149.	2.9	4
203	Production of Benzenecarboxylic Acids from Geting Bituminous Coal through Oxidation with NaOCl Enhanced by Pretreatment with H_2O_2 . <i>ChemistrySelect</i> , 2020, 5, 8380-8385.	0.7	4
204	Occurrence and distribution of biomarkers in Baiyinhua lignite. <i>Fuel</i> , 2020, 271, 117525.	3.4	4
205	ALTERNATIVE SYNTHESIS OF <i>N,N</i> -DIPHENYLTHIOUREA AND ITS ANALYSIS BY LC-MS. <i>Organic Preparations and Procedures International</i> , 2003, 35, 409-411.	0.6	3
206	Effects of reaction conditions on catalytic hydroconversion of phenethoxybenzene over bifunctional Ni/HI ² . <i>Asia-Pacific Journal of Chemical Engineering</i> , 2018, 13, e2228.	0.8	3
207	Changes in oxygen functionality of soluble portions and residues from bagasse sub- and supercritical alkanolyses: Identification of complex structural fragments. <i>Biomass and Bioenergy</i> , 2019, 127, 105288.	2.9	3
208	Identification of organooxygen compounds in the methanol-soluble portion from the methanolysis of pretreated rice straw with <i>Trichoderma</i> sp. <i>AH. Fuel</i> , 2019, 252, 792-798.	3.4	3
209	Synthesis of poly(phenylene methylenes) via a AlCl ₃ mediated Friedel-Craft alkylation of multi-substituted benzyl bromide with benzene. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48779.	1.3	3
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218	Catalytic Hydroconversion of Runbei Lignite over a Highly Active Solid Superacid. ChemistrySelect, 2020, 5, 6646-6651.	0.7	2
219	Comprehensive investigation of the mechanisms for pyrolyzing macromolecular networks in Hecaogou subbituminous coal by comparing the ethanolysis and flash pyrolysis. Fuel, 2022, 324, 124619.	3.4	2
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222	Crystal Structure of 7-(4-Fluorophenyl)-5,6,7,14-tetrahydroquinolino[4,3-b]-benzo[f]quinolin-6-one N,N-Dimethylformamide Solvate. Analytical Sciences: X-ray Structure Analysis Online, 2006, 22, X125-X126.	0.1	0
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