Xing Fan

List of Publications by Year in descending order

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220 papers	4,893 citations	101543 36 h-index	138484 58 g-index
223 all docs	223 docs citations	223 times ranked	4644 citing authors

#	Article	IF	Citations
1	Enhanced thermophilic denitrification performance and potential microbial mechanism in denitrifying granular sludge system. Bioresource Technology, 2022, 344, 126190.	9.6	20
2	Catalytic hydroconversion of the light residue from Yinggemajianfeng lignite over a solid superacid. Fuel, 2022, 310, 122470.	6.4	4
3	Hierarchical porous carbon derived from coal and biomass for high performance supercapacitors. Fuel, 2022, 311, 122552.	6.4	57
4	Enhanced degradation capability of white-rot fungi after short-term pre-exposure to silver ion: Performance and selectively antimicrobial mechanisms. Science of the Total Environment, 2022, 818, 151672.	8.0	2
5	Insight into a stepped fragmentation of coal-related model compounds using a tandem Orbitrap mass spectrometer. Microchemical Journal, 2022, 174, 107056.	4.5	0
6	A Survey on Knee-Oriented Multiobjective Evolutionary Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 1452-1472.	10.0	18
7	Characteristics of enriched components from thermal dissolution extracts of Zhaotong lignite using solid phase microextraction. Fuel, 2022, 314, 122791.	6.4	1
8	Catalytic Hydrocracking of -C-O-Bridged Bonds over Mg2Si/Î³-Al2O3 Catalyst. Solid Fuel Chemistry, 2022, 56, 37-44.	0.7	0
9	Response of nitrogen removal performance and microbial community to a wide range of pH in thermophilic denitrification system. Bioresource Technology, 2022, 352, 127061.	9.6	17
10	Interface modification based on MnO2@N-doped activated carbon composites for flexible solid-state asymmetric supercapacitors. Energy, 2022, 249, 123659.	8.8	35
11	Insight into Relationship between Thermal Dissolution of Low-Rank Coals and Their Subsequent Oxidative Depolymerization. Energies, 2022, 15, 32.	3.1	4
12	Structural elucidation for soluble organic oxygenated compounds in soft and hard coals using advanced extraction methods. Fuel, 2022, 322, 124069.	6.4	5
13	Molecular characteristics of coals at different coal seams in the same mine obtained by high performance separation methods. Fuel, 2022, 322, 124189.	6.4	2
14	Prediction of Air Leakage Rate of Sintering Furnace Based on BP Neural Network Optimized by PSO. Wireless Communications and Mobile Computing, 2022, 2022, 1-9.	1.2	1
15	Co-occurrence of autotrophic and heterotrophic denitrification in electrolysis assisted constructed wetland packing with coconut fiber as solid carbon source. Chemosphere, 2022, 301, 134762.	8.2	17
16	Lightweight Security Wear Detection Method Based on YOLOv5. Wireless Communications and Mobile Computing, 2022, 2022, 1-14.	1.2	2
17	Pyrolysis Kinetic Analysis of Sequential Extract Residues from Hefeng Subbituminous Coal Based on the Coats-Redfern Method. ACS Omega, 2022, 7, 21397-21406.	3.5	3
18	Correlation Study of Batch and Fixed Bed Adsorption Procedures Based on the Binding Capacities for Water Pollutants. Industrial & Engineering Chemistry Research, 2022, 61, 11098-11107.	3.7	4

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19	Advanced separation of soluble organic matter in a low-rank coal and evaluation using unsupervised analyses. Fuel, 2022, 328, 125212.	6.4	3
20	Catalytic hydrogenation and heteroatom removal for isopropanol soluble organic matter of Dongming lignite. Fuel Processing Technology, 2021, 211, 106589.	7.2	16
21	Oxidative chemical beneficiation of low-quality coals under low-energy ultrasonic and microwave irradiation: An environmental-friendly approach. Journal of Environmental Chemical Engineering, 2021, 9, 104830.	6.7	8
22	Pyrolysis reactivity and volatile organic compounds of six Chinese low-rank coals analyzed by TG and Py-GC/MS. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2021, 43, 2019-2026.	2.3	5
23	Evaluation of catalytic deoxygenation of soluble species from a coal using mass spectrometers. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2021, 43, 1363-1372.	2.3	0
24	Compositional analysis of organosolv poplar lignin by using high-performance liquid chromatography/high-resolution multi-stage tandem mass spectrometry. Green Chemistry, 2021, 23, 983-1000.	9.0	14
25	Genome composition and taxonomic revision ofElymus purpuraristatusandRoegneria calcicola(Poaceae: Triticeae) based on cytogenetic and phylogenetic analyses. Botanical Journal of the Linnean Society, 2021, 196, 242-255.	1.6	4
26	Monitoring single-heteroatom loss during deoxygenation and denitrogenation of soluble organic matter in coal using mass spectrometric methods. Fuel, 2021, 292, 120294.	6.4	0
27	Effects of Promoters on the Structure, Performance, and Carbon Deposition of Ni-Al₂O₃ Catalysts for CO₂â€“CH₄ Reforming. ACS Omega, 2021, 6, 16381-16390.	3.5	18
28	Effect of Swelling by Organic Solvent on Structure, Pyrolysis, and Methanol Extraction Performance of Hefeng Bituminous Coal. ACS Omega, 2021, 6, 14765-14773.	3.5	10
29	Preparation of Co-Mo/Î³-Al2O3 catalyst and the catalytic hydrogenation effects on coal-related model compounds. Journal of the Energy Institute, 2021, 96, 52-60.	5.3	6
30	Molecular characteristics of the oxidation products of a lignite based on the big data obtained from Fourier transform ion cyclotron resonance mass spectrometry. Fuel, 2021, 295, 120644.	6.4	7
31	Nano WO₃â€Catalyzed Oneâ€Pot Process for Mild Oxidative Depolymerization of Lignin and its Model Compounds. ChemCatChem, 2021, 13, 3836-3845.	3.7	13
32	Functional groups of sequential extracts and corresponding residues from Hefeng sub-bituminous coal based on FT-IR analysis. Journal of Fuel Chemistry and Technology, 2021, 49, 890-901.	2.0	11
33	Functional group characteristics and pyrolysis/combustion performance of fly ashes from Karamay oily sludge based on FT-IR and TG-DTG analyses. Fuel, 2021, 296, 120669.	6.4	38
34	Genome-wide identification of the MADS-box transcription factor family in autotetraploid cultivated alfalfa (Medicago sativa L.) and expression analysis under abiotic stress. BMC Genomics, 2021, 22, 603.	2.8	29
35	Study on extract-pyrolysis cascading utilization of chlorella based on green chemistry. Journal of Analytical and Applied Pyrolysis, 2021, 157, 105204.	5.5	1
36	Direct liquefaction performance of sub-bituminous coal from Hefeng by solid super acids and pyrolysis kinetic analysis of the corresponding residue. Journal of Analytical and Applied Pyrolysis, 2021, 159, 105181.	5.5	5

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37	The effects of Fe2O3 and MoS2 on the catalytic activation pathway of hydrogen sources during direct coal liquefaction. Energy, 2021, 234, 121263.	8.8	6
38	Building methodology for evaluating the effects of direct coal liquefaction using coal structure-chemical index. Fuel, 2021, 305, 121568.	6.4	5
39	Building Relationships between Molecular Composition of Carbon Precursor and Capacitance of a Hierarchical Porous Carbon-Based Supercapacitor. ACS Applied Energy Materials, 2021, 4, 985-995.	5.1	19
40	Functional Group Characteristics and Pyrolysis/Combustion Performance of Karamay OS Based on FT-IR and TGâ€“DTG Analyses. ACS Omega, 2021, 6, 27684-27696.	3.5	4
41	Composition and structure characteristics of soluble organic matter from Naomaohu lignite by sequential extraction and thermal conversion performance of the corresponding residue. Journal of Fuel Chemistry and Technology, 2021, 49, 1389-1401.	2.0	2
42	Online characterization of pyrolysis products and kinetics study for the pyrolysis of a coal. Journal of Analytical and Applied Pyrolysis, 2021, 160, 105376.	5.5	13
43	Hydrodeoxygenation of lignin model compounds to alkanes over Pdâ€“Ni/HZSM-5 catalysts. Journal of the Energy Institute, 2020, 93, 899-910.	5.3	40
44	Selective hydrogenolysis of lignin-derived aryl ethers over Co/C@N catalysts. Renewable Energy, 2020, 148, 729-738.	8.9	42
45	Enhanced hydrogenation of aromatic rings and hydrocracking of >CarO bridged bonds in the extraction residue from Piliqing subbituminous coal over a magnetic difunctional solid superbase. Journal of Analytical and Applied Pyrolysis, 2020, 146, 104695.	5.5	6
46	Insight into molecular characteristics of a Chinese coal via separation, characterization, and data processing. Journal of Separation Science, 2020, 43, 839-846.	2.5	1
47	Catalytic cracking of coal-tar model compounds over ZrO2/Al2O3 and Ni-Ce/Al2O3 catalysts under steam atmosphere. Fuel, 2020, 263, 116763.	6.4	24
48	Sequential thermal dissolution of two lowâ€rank coals and characterization of their structures by highâ€performance liquid chromatography/timeâ€ofâ€flight mass spectrometry and gas chromatography/mass spectrometry. Rapid Communications in Mass Spectrometry, 2020, 34, e8887.	1.5	4
49	Catalytic hydroconversion of derivates from Naomaohu lignite over an active and recyclable bimetallic catalyst. Fuel Processing Technology, 2020, 204, 106388.	7.2	12
50	Abl1 deletion in gut stem cells suppresses p53 induction and promotes colitis-associated tumor formation. Journal of Molecular Cell Biology, 2020, 12, 738-740.	3.3	0
51	Insights into the structural characteristics of four thermal dissolution extracts of a subbituminous coal by using higher-energy collisional dissociation. Fuel, 2020, 282, 118844.	6.4	12
52	Comparison of mitochondrial transplantation by using a stamp-type multineedle injector and platelet-rich plasma therapy for hair aging in naturally aging mice. Biomedicine and Pharmacotherapy, 2020, 130, 110520.	5.6	14
53	Depolymerization of alkaline lignin over mesoporous KF/Î³-Al₂O₃. New Journal of Chemistry, 2020, 44, 14411-14420.	2.8	8
54	Evaluation of detailed molecular structures for sequential thermal dissolution extracts of a subbituminous coal using a tandem mass spectrometric method. Journal of the Energy Institute, 2020, 93, 2415-2420.	5.3	3

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55	Free-Radical-Mediated Glycan Isomer Differentiation. Analytical Chemistry, 2020, 92, 13794-13802.	6.5	18
56	Formation of carbon quantum dots and graphene nanosheets from different abundant carbonaceous materials. Diamond and Related Materials, 2020, 106, 107813.	3.9	65
57	Effect of Swelling Treatment by Organic Solvent on the Structure and Pyrolysis Performance of the Direct Coal Liquefaction Residue. Energy & Fuels, 2020, 34, 8685-8696.	5.1	17
58	Structural characteristics of soluble organic matter in four low-rank coals. Fuel, 2020, 267, 117230.	6.4	12
59	Observing the structural variation of Dahuangshan lignite and four derived residues by non-destructive techniques and flash pyrolysis. Fuel, 2020, 269, 117335.	6.4	11
60	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.	1.5	3
61	Effects of a forming process on the properties and structure of RANEYÂ®-Ni catalysts for the hydrogenation of 1,4-butenediol. RSC Advances, 2020, 10, 5516-5524.	3.6	4
62	Evolutionary patterns of plastome uncover diploid-polyploid maternal relationships in Triticeae. Molecular Phylogenetics and Evolution, 2020, 149, 106838.	2.7	18
63	Two-Step Catalytic Degradations of Dahuangshan Lignite and Directional Upgrading of the Resulting Petroleum Ether-Extractable Portions. Energy & Fuels, 2020, 34, 5457-5465.	5.1	10
64	The influence of nickel loading on the structure and performance of a Niâ€“Al₂O₃ catalyst for the hydrogenation of 1,4-butynediol to produce 1,4-butenediol. New Journal of Chemistry, 2020, 44, 7683-7689.	2.8	6
65	Structure and Characteristics of Lignin. Springer Series on Polymer and Composite Materials, 2020, , 17-75.	0.7	10
66	Effect of Ca Promoter on the Structure, Performance, and Carbon Deposition of Ni-Al₂O₃ Catalyst for CO₂-CH₄ Reforming. ACS Omega, 2020, 5, 28955-28964.	3.5	17
67	Effect of Swelling with Ionic Liquid on the Molecular Structure and Pyrolysis Behavior of Hefeng Sub-bituminous Coal. Energy & Fuels, 2020, 34, 16099-16108.	5.1	10
68	Molecular characteristics of the soluble components from three low-rank coals based on the analyses using GC/MS and GC/Q-TOF MS. Fuel, 2019, 254, 115602.	6.4	11
69	The optimization of Niâ€“Al2O3 catalyst with the addition of La2O3 for CO2â€“CH4 reforming to produce syngas. International Journal of Hydrogen Energy, 2019, 44, 24510-24524.	7.1	54
70	Self-assembled growth of Pdâ€“Ni sub-microcages as a highly active and durable electrocatalyst. Journal of Materials Chemistry A, 2019, 7, 5179-5184.	10.3	9
71	Tsc1 ablation in Prx1 and Osterix lineages causes renal cystogenesis in mouse. Scientific Reports, 2019, 9, 837.	3.3	5
72	Efficient synthesis of C₁₅fuel precursor by heterogeneously catalyzed aldol-condensation of furfural with cyclopentanone. RSC Advances, 2019, 9, 3661-3668.	3.6	25

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73	Insight into molecular information of Huolinguole lignite obtained by Fourier transform ion cyclotron resonance mass spectrometry and statistical methods. Rapid Communications in Mass Spectrometry, 2019, 33, 1107-1113.	1.5	2
74	Investigation of the relative abundances of single-core and multicore compounds in asphaltenes by using high-resolution in-source collision-activated dissociation and medium-energy collision-activated dissociation mass spectrometry with statistical considerations. Fuel, 2019, 246, 126-132.	6.4	25
75	Evaluation of elemental composition obtained by using mass spectrometer and elemental analyzer: A case study on model compound mixtures and a coal-derived liquid. Fuel, 2019, 245, 392-397.	6.4	6
76	Structure and surface characteristics of Fe-promoted Ni/Al₂O₃ catalysts for hydrogenation of 1,4-butynediol to 1,4-butenediol in a slurry-bed reactor. Catalysis Science and Technology, 2019, 9, 6598-6605.	4.1	17
77	A Novel Evaluation Method Developed for the Denitrogenation and Deoxygenation on Molecules in Coal during Catalytic Treatments. ChemistrySelect, 2019, 4, 13582-13588.	1.5	4
78	Solubility and molecular composition of organic species in low-rank coals during sequential thermal dissolution in cyclohexane and methanol. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 1132-1139.	2.3	5
79	Meta-Analysis Identifies Major Histocompatiblity Complex Loci in or Near HLA-DRB1, HLA-DQA1, HLA-C as Associated with Leprosy in Chinese HanÂPopulation. Journal of Investigative Dermatology, 2019, 139, 957-960.	0.7	14
80	Mass spectrometric evaluation of the soluble species of Shengli lignite using cluster analysis methods. Fuel, 2019, 236, 1037-1042.	6.4	21
81	Catalytic upgrading of pyrolysis vapors from lignite over mono/bimetal-loaded mesoporous HZSM-5. Fuel, 2018, 218, 33-40.	6.4	149
82	Transfer-free, lithography-free, and micrometer-precision patterning of CVD graphene on SiO2 toward all-carbon electronics. APL Materials, 2018, 6, 026802.	5.1	14
83	Construction of 4â€Isochromanones through Cu(OTf)₂â€Catalysed Sequential C=O and Câ€“O Bond Formation. European Journal of Organic Chemistry, 2018, 2018, 926-931.	2.4	9
84	Phylogeny and maternal donor of Roegneria and its affinitive genera (Poaceae: Triticeae) based on sequence data for two chloroplast DNA regions (ndhF and trnHâ€“psbA). Journal of Systematics and Evolution, 2018, 56, 105-119.	3.1	10
85	Co-alcoholysis of white pine sawdust and Shenmu sub-bituminous coal in sub- and supercritical ethanol. Journal of the Energy Institute, 2018, 91, 1085-1090.	5.3	3
86	Complete structure and variation of the chloroplast genome of Agropyron cristatum (L.) Gaertn. Gene, 2018, 640, 86-96.	2.2	10
87	Exome-wide association study identifies four novel loci for systemic lupus erythematosus in Han Chinese population. Annals of the Rheumatic Diseases, 2018, 77, 417-417.	0.9	50
88	Insight into the structural features of low-rank coals using comprehensive two dimensional gas chromatography/time-of-flight mass spectrometry. Fuel, 2018, 212, 293-301.	6.4	31
89	Structural determination of heteroatom-containing compounds in an anthracite coal. International Journal of Oil, Gas and Coal Technology, 2018, 18, 200.	0.2	3
90	A Novel Magnetic Solid Acid for Specially Cleaving the Câ€O Bridged Bond in Dibenzyl Ether. ChemistrySelect, 2018, 3, 11610-11615.	1.5	2

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91	Synthesis of a Novel Polycarboxylate Superplasticizer with Hyperbranched Structure. ChemistrySelect, 2018, 3, 13493-13496.	1.5	7
92	Spectroscopy in Fuels. Journal of Spectroscopy, 2018, 2018, 1-2.	1.3	0
93	Molecular Characteristics of Shenfu Coal Characterized by Mass Spectrometers with Three Ion Sources. ChemistrySelect, 2018, 3, 10383-10387.	1.5	0
94	Insight into the molecular structure of Huolinguole lignite via supercritical methanolysis and ambient characterisation. International Journal of Oil, Gas and Coal Technology, 2018, 18, 106.	0.2	1
95	Tandem mass spectrometric evaluation of core structures of aromatic compounds after catalytic deoxygenation. Fuel Processing Technology, 2018, 176, 119-123.	7.2	40
96	Catalytic Hydrogenation of Levulinic Acid into Gamma-Valerolactone Over Ni/HZSM-5 Catalysts. Catalysis Surveys From Asia, 2018, 22, 129-135.	2.6	18
97	Evaluation of coalâ€related model compounds using tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2018, 32, 1462-1472.	1.5	10
98	Characterization of Fossil and Renewable Fuels. International Journal of Analytical Chemistry, 2018, 2018, 1-1.	1.0	0
99	Molecular Distributions of Soluble Oxidation Products from Coals Characterized by Mass Spectrometers. International Journal of Analytical Chemistry, 2018, 2018, 1-7.	1.0	1
100	Insight into the molecular distribution of soluble components from Dayan lignite through mass spectrometers with four ionization methods. Fuel, 2018, 227, 177-182.	6.4	10
101	Structural insights of four thermal dissolution products of Dongming lignite by using in-source collision-activated dissociation mass spectrometry. Fuel, 2018, 230, 78-82.	6.4	23
102	Molecular profiling of crude oil by using Distillation Precipitation Fractionation Mass Spectrometry (DPF-MS). Fuel, 2018, 234, 492-501.	6.4	12
103	In-source collision activated dissociation for coal/biomass-based model compounds and structural characterization of a coal extract. Fuel, 2018, 234, 1033-1043.	6.4	13
104	Insight into the molecular structure of Huolinguole lignite via supercritical methanolysis and ambient characterisation. International Journal of Oil, Gas and Coal Technology, 2018, 18, 106.	0.2	0
105	Stripe Rust Resistance in Roegneria kamoji (Poaceae: Triticeae) and its Genetic Analysis. Journal of Phytopathology, 2017, 165, 157-161.	1.0	4
106	In situ upgrading of Shengli lignite pyrolysis vapors over metal-loaded HZSM-5 catalyst. Fuel Processing Technology, 2017, 160, 19-26.	7.2	155
107	Preparation of high-dispersion Ni/C catalyst using modified lignite as carbon precursor for catalytic reforming of biomass volatiles. Fuel, 2017, 202, 345-351.	6.4	63
108	Characterization of humic acids extracted from a lignite and interpretation for the mass spectra. RSC Advances, 2017, 7, 20677-20684.	3.6	61

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109	Molecular composition of soluble organic species in Baiyinhua lignite and their evolution profiles during pyrolysis. Fuel, 2017, 205, 192-197.	6.4	10
110	Preparation of porous carbons from waste sugar residue for high performance electric double-layer capacitor. Fuel Processing Technology, 2017, 162, 45-54.	7.2	26
111	Study on pine sawdust pyrolysis behavior by fast pyrolysis under inert and reductive atmospheres. Journal of Analytical and Applied Pyrolysis, 2017, 125, 279-288.	5.5	43
112	Catalytic Reforming of Volatiles from Biomass Pyrolysis for Hydrogen-Rich Gas Production over Limonite Ore. Energy & Fuels, 2017, 31, 4054-4060.	5.1	61
113	Analysis of soluble components in coals and interpretations for the complex mass spectra. Rapid Communications in Mass Spectrometry, 2017, 31, 503-508.	1.5	13
114	Hydrogen bonding interactions between the organic oxygen/nitrogen monomers of lignite and water molecules: A DFT and AIM study. Fuel Processing Technology, 2017, 168, 58-64.	7.2	24
115	Analysis of Soluble Organic Species of Huolinguole Lignite by Atmospheric Pressure Photoionization-Mass Spectrometry. Chinese Journal of Analytical Chemistry, 2017, 45, 1005-1011.	1.7	3
116	Nitrogen Evolution during Fast Pyrolysis of Sewage Sludge under Inert and Reductive Atmospheres. Energy & Fuels, 2017, 31, 7191-7196.	5.1	54
117	Transcriptomic Profiles Reveal the Interactions of Cd/Zn in Dwarf Polish Wheat (Triticum polonicum) Tj ETQq1 1 0.784314 rgBT /Over	2.8	38
118	Structural Characterization of Lignin and Its Degradation Products with Spectroscopic Methods. Journal of Spectroscopy, 2017, 2017, 1-15.	1.3	201
119	Analytical Strategies Involved in the Detailed Componential Characterization of Biooil Produced from Lignocellulosic Biomass. International Journal of Analytical Chemistry, 2017, 2017, 1-19.	1.0	17
120	Modes of arsenic occurance in coal slime and its removal: a case study at the Tanggongta Plant in Inner Mongolia, China. Journal of the South African Institute of Mining and Metallurgy, 2017, 117, 67-74.	0.5	4
121	Removal of hexavalent chromium from aqueous solution by calcined Zn/Al-LDHs. Water Science and Technology, 2016, 74, 229-235.	2.5	9
122	Deep sequencing of the MHC region in the Chinese population contributes to studies of complex disease. Nature Genetics, 2016, 48, 740-746.	21.4	188
123	Characterization of the oxidation products of Shengli lignite using mass spectrometers with â€œhardâ€• â€œsoftâ€•and ambient ion sources. Fuel, 2016, 183, 115-122.	6.4	35
124	Characterization of a Chinese lignite and the corresponding derivatives using direct analysis in real time quadrupole time-of-flight mass spectrometry. RSC Advances, 2016, 6, 105780-105785.	3.6	12
125	Identification of organic fluorides and distribution of organic species in an anthracite with high content of fluorine. Fuel Processing Technology, 2016, 142, 54-58.	7.2	20
126	Characterization of Oxygenates, Nitrogenates, and Sulfonates in Shengli Lignite Extracts by Orbitrap Mass Spectrometry. Analytical Letters, 2016, 49, 2907-2916.	1.8	9

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127	Sequential ultrasonic extraction of a Chinese coal and characterization of nitrogenâ€containing compounds in the extracts using highâ€performance liquid chromatography with mass spectrometry. Journal of Separation Science, 2016, 39, 2491-2498.	2.5	18
128	Analysis of the dynamics of laser induced plume propagation from liquid matrix using fast photography. Chemical Papers, 2016, 70, .	2.2	2
129	Friction and wear behaviour of steel with bionic non-smooth surfaces during sliding. Materials Science and Technology, 2016, 32, 257-265.	1.6	17
130	Pyrolysis kinetics of soybean straw using thermogravimetric analysis. Fuel, 2016, 169, 93-98.	6.4	173
131	Organic oxygen transformation during pyrolysis of Baiyinhua lignite. Journal of Analytical and Applied Pyrolysis, 2016, 117, 106-115.	5.5	76
132	Sequential Extraction and Thermal Dissolution of Baiyinhua Lignite in Isometric CS₂/Acetone and Toluene/Methanol Binary Solvents. Energy & Fuels, 2016, 30, 47-53.	5.1	37
133	Molecular Characterization of Heteroatom-Containing Compounds in an Anthracite Using ESI-Orbitrap Mass Spectrometry. , 2016, , .		0
134	Improved performance of Fe-Ni-S/Î³-AlOOH for catalytic hydrocracking of di(1-naphthyl)methane. International Journal of Oil, Gas and Coal Technology, 2015, 9, 230.	0.2	1
135	Genome constitution of Elymus tangutorum (Poaceae: Triticeae) inferred from meiotic pairing behavior and genomic in situ hybridization. Journal of Systematics and Evolution, 2015, 53, 529-534.	3.1	12
136	Whole-exome SNP array identifies 15 new susceptibility loci for psoriasis. Nature Communications, 2015, 6, 6793.	12.8	118
137	Difference in molecular composition of soluble organic species from two Chinese lignites with different geologic ages. Fuel, 2015, 148, 120-126.	6.4	20
138	Oxidation of Lingwu coal extraction residue in aqueous sodium hypochlorite under mild conditions. Transactions of Tianjin University, 2015, 21, 19-25.	6.4	5
139	Fabrication of LSM-SDC composite cathodes for intermediate-temperature solid oxide fuel cells. Ionics, 2015, 21, 2253-2258.	2.4	10
140	Characterization of Volatiles in Coal Tar Pitch by Gas Chromatography/Mass Spectrometry and Atmospheric Pressure Solid Analysis Probe/Time of Flight-Mass Spectrometry. Analytical Letters, 2015, 48, 955-965.	1.8	6
141	Molecular characterization of heteroatomic compounds in a high-temperature coal tar using three mass spectrometers. Fuel Processing Technology, 2015, 138, 65-73.	7.2	57
142	Application of paper sprayâ€“MS in PK studies using sunitinib and benzethonium as model compounds. Bioanalysis, 2015, 7, 413-423.	1.5	21
143	Enrichment and identification of cyclized hopanoids from Shengli lignite. Fuel Processing Technology, 2015, 134, 399-403.	7.2	15
144	Sequential extraction and thermal dissolution of Shengli lignite. Fuel Processing Technology, 2015, 135, 20-24.	7.2	31

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145	Molecular characteristics of a Chinese coal analyzed using mass spectrometry with various ionization modes. Fuel, 2015, 155, 122-127.	6.4	21
146	Preparation of nickel-loaded on lignite char for catalytic gasification of biomass. Fuel Processing Technology, 2015, 136, 17-24.	7.2	58
147	Rapid characterization of heteroatomic molecules in a bio-oil from pyrolysis of rice husk using atmospheric solids analysis probe mass spectrometry. Journal of Analytical and Applied Pyrolysis, 2015, 115, 16-23.	5.5	28
148	Ni- and Pd/C-catalyzed Hydrodenitrogenation of Isoquinoline. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2015, 37, 55-60.	2.3	2
149	Sequential extraction and characterization of liquefaction residue from Shenmuâ€“Fugu subbituminous coal. Fuel Processing Technology, 2015, 136, 1-7.	7.2	30
150	Light fraction from catalytic hydroconversion of two Chinese coals in cyclohexane over a solid acid. Fuel Processing Technology, 2015, 129, 162-167.	7.2	12
151	What became of Hystrix?. Journal of Systematics and Evolution, 2014, 52, 712-715.	3.1	2
152	Difference in Molecular Composition of the Carbon Disulfide/Acetone-extractable Fraction between Xilinhaote Lignite and Geting Bituminous Coal. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2014, 36, 2651-2659.	2.3	1
153	Exciplex emission and decay of co-deposited 4,4â€²,4â€³-tris[3-methylphenyl(phenyl)amino]triphenylamine:tris-[3-(3-pyridyl)mesityl]borane organic light-emitting devices with different electron transporting layer thicknesses. Applied Physics Letters, 2014, 104, 161112.	3.3	26
154	Evaluation of an Upgraded Bio-oil from the Pyrolysis of Rice Husk by Acidic Resin-catalyzed Esterification. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2014, 36, 575-581.	2.3	3
155	Evaluation of the Oxidation of Rice Husks with Sodium Hypochlorite Using Gas Chromatography-Mass Spectrometry and Direct Analysis in Real Time-Mass Spectrometry. Analytical Letters, 2014, 47, 77-90.	1.8	13
156	Analysis of Geting Bituminous Coal by Electrospray Ionization and Direct Analysis in Real Time Mass Spectrometry. Analytical Letters, 2014, 47, 2012-2022.	1.8	22
157	Analysis of the Products from the Oxidation of Geting Bituminous Coal by Atmospheric Pressure Photoionizationâ€“Mass Spectrometry. Analytical Letters, 2014, 47, 958-969.	1.8	9
158	Sequential Thermal Dissolution of Geting Bituminous Coal in Low-boiling Point Solvents. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2014, 36, 2579-2586.	2.3	14
159	Enrichment and analysis of long-chain normal alkanals from Zhundong subbituminous coal. Journal of Fuel Chemistry and Technology, 2014, 42, 257-261.	2.0	5
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