

# Xing Fan

## List of Publications by Year in descending order

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220  
papers

4,893  
citations

101543

36  
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138484

58  
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223  
all docs

223  
docs citations

223  
times ranked

4644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Characterization of Lignin and Its Degradation Products with Spectroscopic Methods. <i>Journal of Spectroscopy</i> , 2017, 2017, 1-15.	1.3	201
2	Deep sequencing of the MHC region in the Chinese population contributes to studies of complex disease. <i>Nature Genetics</i> , 2016, 48, 740-746.	21.4	188
3	Pyrolysis kinetics of soybean straw using thermogravimetric analysis. <i>Fuel</i> , 2016, 169, 93-98.	6.4	173
4	In situ upgrading of Shengli lignite pyrolysis vapors over metal-loaded HZSM-5 catalyst. <i>Fuel Processing Technology</i> , 2017, 160, 19-26.	7.2	155
5	Catalytic upgrading of pyrolysis vapors from lignite over mono/bimetal-loaded mesoporous HZSM-5. <i>Fuel</i> , 2018, 218, 33-40.	6.4	149
6	Whole-exome SNP array identifies 15 new susceptibility loci for psoriasis. <i>Nature Communications</i> , 2015, 6, 6793.	12.8	118
7	Influences of pyrolysis conditions in the production and chemical composition of the bio-oils from fast pyrolysis of sewage sludge. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 110, 353-362.	5.5	107
8	Investigation on structural features of Shengli lignite through oxidation under mild conditions. <i>Fuel</i> , 2013, 109, 316-324.	6.4	106
9	LSMâ€“SDC electrodes fabricated with an ion-impregnating process for SOFCs with doped ceria electrolytes. <i>Solid State Ionics</i> , 2006, 177, 2113-2117.	2.7	95
10	Organic oxygen transformation during pyrolysis of Baiyinhua lignite. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 117, 106-115.	5.5	76
11	Application of gas chromatography/mass spectrometry in studies on separation and identification of organic species in coals. <i>Fuel</i> , 2013, 109, 28-32.	6.4	74
12	Oxidation of Shengli lignite with aqueous sodium hypochlorite promoted by pretreatment with aqueous hydrogen peroxide. <i>Fuel</i> , 2013, 111, 211-215.	6.4	74
13	Binding of Cyclic Diguanilate in the Non-catalytic EAL Domain of FimX Induces a Long-range Conformational Change. <i>Journal of Biological Chemistry</i> , 2011, 286, 2910-2917.	3.4	73
14	Sequencing-based approach identified three new susceptibility loci for psoriasis. <i>Nature Communications</i> , 2014, 5, 4331.	12.8	67
15	Formation of carbon quantum dots and graphene nanosheets from different abundant carbonaceous materials. <i>Diamond and Related Materials</i> , 2020, 106, 107813.	3.9	65
16	Characterizations of the Extracts from Geting Bituminous Coal by Spectrometries. <i>Energy &amp; Fuels</i> , 2013, 27, 3709-3717.	5.1	64
17	Preparation of high-dispersion Ni/C catalyst using modified lignite as carbon precursor for catalytic reforming of biomass volatiles. <i>Fuel</i> , 2017, 202, 345-351.	6.4	63
18	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.	9.6	62

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19	Characterization of humic acids extracted from a lignite and interpretation for the mass spectra. RSC Advances, 2017, 7, 20677-20684.	3.6	61
20	Catalytic Reforming of Volatiles from Biomass Pyrolysis for Hydrogen-Rich Gas Production over Limonite Ore. Energy & Fuels, 2017, 31, 4054-4060.	5.1	61
21	Preparation of nickel-loaded on lignite char for catalytic gasification of biomass. Fuel Processing Technology, 2015, 136, 17-24.	7.2	58
22	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
23	Hierarchical porous carbon derived from coal and biomass for high performance supercapacitors. Fuel, 2022, 311, 122552.	6.4	57
24	Nitrogen Evolution during Fast Pyrolysis of Sewage Sludge under Inert and Reductive Atmospheres. Energy & Fuels, 2017, 31, 7191-7196.	5.1	54
25	The optimization of Ni $\alpha$ Al $\alpha$ O $\alpha$ 3 catalyst with the addition of La $\alpha$ O $\alpha$ 3 for CO $\alpha$ 2 $\alpha$ CH $\alpha$ 4 reforming to produce syngas. International Journal of Hydrogen Energy, 2019, 44, 24510-24524.	7.1	54
26	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
27	Characterization of organonitrogen species in Xianfeng lignite by sequential extraction and ruthenium ion-catalyzed oxidation. Fuel Processing Technology, 2014, 126, 199-206.	7.2	49
28	Phylogenetic relationships and Y genome origin in Elymus L. sensu lato (Triticeae; Poaceae) based on single-copy nuclear Acc1 and Pgl1 gene sequences. Molecular Phylogenetics and Evolution, 2013, 69, 919-928.	2.7	45
29	Structural Features of Extraction Residues from Supercritical Methanolysis of Two Chinese Lignites. Energy & Fuels, 2013, 27, 4632-4638.	5.1	45
30	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
31	Selective hydrogenolysis of lignin-derived aryl ethers over Co/C@N catalysts. Renewable Energy, 2020, 148, 729-738.	8.9	42
32	Photocatalytic depolymerization of rice husk over TiO $\alpha$ 2 with H $\alpha$ 2O $\alpha$ 2. Fuel Processing Technology, 2014, 117, 8-16.	7.2	41
33	Tandem mass spectrometric evaluation of core structures of aromatic compounds after catalytic deoxygenation. Fuel Processing Technology, 2018, 176, 119-123.	7.2	40
34	Hydrodeoxygenation of lignin model compounds to alkanes over Pd $\alpha$ Ni/HZSM-5 catalysts. Journal of the Energy Institute, 2020, 93, 899-910.	5.3	40
35	Evaluation of atmospheric solids analysis probe mass spectrometry for the analysis of coal-related model compounds. Fuel, 2014, 117, 556-563.	6.4	39
36	Transcriptomic Profiles Reveal the Interactions of Cd/Zn in Dwarf Polish Wheat (Triticum polonicum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	38

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37	Functional group characteristics and pyrolysis/combustion performance of fly ashes from Karamay oily sludge based on FT-IR and TG-DTG analyses. <i>Fuel</i> , 2021, 296, 120669.	6.4	38
38	Synergic effect of methanol and water on pine liquefaction. <i>Bioresource Technology</i> , 2013, 142, 504-509.	9.6	37
39	Sequential Extraction and Thermal Dissolution of Baiyinhua Lignite in Isometric CS <sub>2</sub> /Acetone and Toluene/Methanol Binary Solvents. <i>Energy &amp; Fuels</i> , 2016, 30, 47-53.	5.1	37
40	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.	4.3	35
41	Characterization of the oxidation products of Shengli lignite using mass spectrometers with $\text{e}^-$ and ambient ion sources. <i>Fuel</i> , 2016, 183, 115-122.	6.4	35
42	Interface modification based on MnO <sub>2</sub> @N-doped activated carbon composites for flexible solid-state asymmetric supercapacitors. <i>Energy</i> , 2022, 249, 123659.	8.8	35
43	ReaxFF Reactive Force Field for Molecular Dynamics Simulations of Lignite Depolymerization in Supercritical Methanol with Lignite-Related Model Compounds. <i>Energy &amp; Fuels</i> , 2012, 26, 984-989.	5.1	34
44	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.	7.2	34
45	Production and characterization of an amphiploid between common wheat and <i>Psathyrostachys huashanica</i> Keng ex Kuo. <i>Plant Breeding</i> , 2009, 128, 36-40.	1.9	31
46	Sequential extraction and thermal dissolution of Shengli lignite. <i>Fuel Processing Technology</i> , 2015, 135, 20-24.	7.2	31
47	Insight into the structural features of low-rank coals using comprehensive two dimensional gas chromatography/time-of-flight mass spectrometry. <i>Fuel</i> , 2018, 212, 293-301.	6.4	31
48	Heat shock protein 72 inhibits c-Jun N-terminal kinase 3 signaling pathway via Akt1 during cerebral ischemia. <i>Journal of the Neurological Sciences</i> , 2012, 317, 123-129.	0.6	30
49	Sequential extraction and characterization of liquefaction residue from Shenmu "Fugu subbituminous coal. <i>Fuel Processing Technology</i> , 2015, 136, 1-7.	7.2	30
50	Genome-wide identification of the MADS-box transcription factor family in autotetraploid cultivated alfalfa ( <i>Medicago sativa</i> L.) and expression analysis under abiotic stress. <i>BMC Genomics</i> , 2021, 22, 603.	2.8	29
51	Rapid characterization of heteroatomic molecules in a bio-oil from pyrolysis of rice husk using atmospheric solids analysis probe mass spectrometry. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 115, 16-23.	5.5	28
52	Exciplex emission and decay of co-deposited 4,4'-bis[3-methylphenyl(phenyl)amino]triphenylamine:tris-[3-(3-pyridyl)mesityl]borane organic light-emitting devices with different electron transporting layer thicknesses. <i>Applied Physics Letters</i> , 2014, 104, 161112.	3.3	26
53	Enrichment and Identification of Arylhopanes from Shengli Lignite. <i>Energy &amp; Fuels</i> , 2014, 28, 6745-6748.	5.1	26
54	Isolation and Identification of 3-Ethyl-8-methyl-2,3-dihydro-1H-cyclopenta[ <i>a</i> ]chrysene from Shengli Lignite. <i>Energy &amp; Fuels</i> , 2014, 28, 6694-6697.	5.1	26

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55	Preparation of porous carbons from waste sugar residue for high performance electric double-layer capacitor. <i>Fuel Processing Technology</i> , 2017, 162, 45-54.	7.2	26
56	Infrared laser wavelength dependence of particles ablated from glycerol. <i>Applied Surface Science</i> , 2008, 255, 1699-1704.	6.1	25
57	Catalytic hydroconversion of extraction residue from Shengli lignite over Fe <sup>2+</sup> /ZSM-5. <i>Fuel Processing Technology</i> , 2014, 126, 131-137.	7.2	25
58	Efficient synthesis of C <sub>15</sub> fuel precursor by heterogeneously catalyzed aldol-condensation of furfural with cyclopentanone. <i>RSC Advances</i> , 2019, 9, 3661-3668.	3.6	25
59	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. <i>Fuel</i> , 2019, 246, 126-132.	6.4	25
60	Hydrogen bonding interactions between the organic oxygen/nitrogen monomers of lignite and water molecules: A DFT and AIM study. <i>Fuel Processing Technology</i> , 2017, 168, 58-64.	7.2	24
61	Catalytic cracking of coal-tar model compounds over ZrO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> and Ni-Ce/Al <sub>2</sub> O <sub>3</sub> catalysts under steam atmosphere. <i>Fuel</i> , 2020, 263, 116763.	6.4	24
62	Structural insights of four thermal dissolution products of Dongming lignite by using in-source collision-activated dissociation mass spectrometry. <i>Fuel</i> , 2018, 230, 78-82.	6.4	23
63	Functional Divergence of FimX in PilZ Binding and Type IV Pilus Regulation. <i>Journal of Bacteriology</i> , 2012, 194, 5922-5931.	2.2	22
64	Analysis of Geting Bituminous Coal by Electrospray Ionization and Direct Analysis in Real Time Mass Spectrometry. <i>Analytical Letters</i> , 2014, 47, 2012-2022.	1.8	22
65	Mechanism for catalytic hydrodenitrogenation of isoquinoline. <i>Fuel Processing Technology</i> , 2013, 106, 661-665.	7.2	21
66	Alkanolysis simulation of lignite-related model compounds using density functional theory. <i>Fuel</i> , 2014, 120, 158-162.	6.4	21
67	Application of paper spray <sup>2</sup> MS in PK studies using sunitinib and benzethonium as model compounds. <i>Bioanalysis</i> , 2015, 7, 413-423.	1.5	21
68	Molecular characteristics of a Chinese coal analyzed using mass spectrometry with various ionization modes. <i>Fuel</i> , 2015, 155, 122-127.	6.4	21
69	Mass spectrometric evaluation of the soluble species of Shengli lignite using cluster analysis methods. <i>Fuel</i> , 2019, 236, 1037-1042.	6.4	21
70	Difference in molecular composition of soluble organic species from two Chinese lignites with different geologic ages. <i>Fuel</i> , 2015, 148, 120-126.	6.4	20
71	Identification of organic fluorides and distribution of organic species in an anthracite with high content of fluorine. <i>Fuel Processing Technology</i> , 2016, 142, 54-58.	7.2	20
72	Enhanced thermophilic denitrification performance and potential microbial mechanism in denitrifying granular sludge system. <i>Bioresource Technology</i> , 2022, 344, 126190.	9.6	20

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73	Wavelength and Time-Resolved Imaging of Material Ejection in Infrared Matrix-Assisted Laser Desorption. <i>Journal of Physical Chemistry A</i> , 2010, 114, 1492-1497.	2.5	19
74	Building Relationships between Molecular Composition of Carbon Precursor and Capacitance of a Hierarchical Porous Carbon-Based Supercapacitor. <i>ACS Applied Energy Materials</i> , 2021, 4, 985-995.	5.1	19
75	Sequential ultrasonic extraction of a Chinese coal and characterization of nitrogen-containing compounds in the extracts using high-performance liquid chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 2491-2498.	2.5	18
76	Catalytic Hydrogenation of Levulinic Acid into Gamma-Valerolactone Over Ni/HZSM-5 Catalysts. <i>Catalysis Surveys From Asia</i> , 2018, 22, 129-135.	2.6	18
77	Free-Radical-Mediated Glycan Isomer Differentiation. <i>Analytical Chemistry</i> , 2020, 92, 13794-13802.	6.5	18
78	Evolutionary patterns of plastome uncover diploid-polyploid maternal relationships in Triticeae. <i>Molecular Phylogenetics and Evolution</i> , 2020, 149, 106838.	2.7	18
79	Effects of Promoters on the Structure, Performance, and Carbon Deposition of Ni-Al <sub>2</sub> O <sub>3</sub> Catalysts for CO <sub>2</sub> -CH <sub>4</sub> Reforming. <i>ACS Omega</i> , 2021, 6, 16381-16390.	3.5	18
80	A Survey on Knee-Oriented Multiobjective Evolutionary Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2022, 26, 1452-1472.	10.0	18
81	Characteristics of La <sub>0.85</sub> Sr <sub>0.15</sub> MnO <sub>3</sub> Powders Synthesized by a Glycine-Nitrate Process. <i>Fuel Cells</i> , 2006, 6, 455-459.	2.4	17
82	The Enrichment and Identification of Methyl Alkanones from Thermally Soluble Shengli Lignite. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2013, 35, 2218-2224.	2.3	17
83	Friction and wear behaviour of steel with bionic non-smooth surfaces during sliding. <i>Materials Science and Technology</i> , 2016, 32, 257-265.	1.6	17
84	Analytical Strategies Involved in the Detailed Componential Characterization of Biooil Produced from Lignocellulosic Biomass. <i>International Journal of Analytical Chemistry</i> , 2017, 2017, 1-19.	1.0	17
85	Structure and surface characteristics of Fe-promoted Ni-Al <sub>2</sub> O <sub>3</sub> catalysts for hydrogenation of 1,4-butyndiol to 1,4-butenediol in a slurry-bed reactor. <i>Catalysis Science and Technology</i> , 2019, 9, 6598-6605.	4.1	17
86	Effect of Swelling Treatment by Organic Solvent on the Structure and Pyrolysis Performance of the Direct Coal Liquefaction Residue. <i>Energy &amp; Fuels</i> , 2020, 34, 8685-8696.	5.1	17
87	Effect of Ca Promoter on the Structure, Performance, and Carbon Deposition of Ni-Al <sub>2</sub> O <sub>3</sub> Catalyst for CO <sub>2</sub> -CH <sub>4</sub> Reforming. <i>ACS Omega</i> , 2020, 5, 28955-28964.	3.5	17
88	Response of nitrogen removal performance and microbial community to a wide range of pH in thermophilic denitrification system. <i>Bioresource Technology</i> , 2022, 352, 127061.	9.6	17
89	Co-occurrence of autotrophic and heterotrophic denitrification in electrolysis assisted constructed wetland packing with coconut fiber as solid carbon source. <i>Chemosphere</i> , 2022, 301, 134762.	8.2	17
90	Analysis of some coal-related model compounds and coal derivates with atmospheric solids analysis probe mass spectrometer. <i>Fuel</i> , 2014, 128, 302-313.	6.4	16

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91	Catalytic hydrogenation and heteroatom removal for isopropanol soluble organic matter of Dongming lignite. <i>Fuel Processing Technology</i> , 2021, 211, 106589.	7.2	16
92	Enrichment and identification of cyclized hopanoids from Shengli lignite. <i>Fuel Processing Technology</i> , 2015, 134, 399-403.	7.2	15
93	Sequential Thermal Dissolution of Geting Bituminous Coal in Low-boiling Point Solvents. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2014, 36, 2579-2586.	2.3	14
94	Transfer-free, lithography-free, and micrometer-precision patterning of CVD graphene on SiO <sub>2</sub> toward all-carbon electronics. <i>APL Materials</i> , 2018, 6, 026802.	5.1	14
95	Meta-Analysis Identifies Major Histocompatibility Complex Loci in or Near HLA-DRB1, HLA-DQA1, HLA-C as Associated with Leprosy in Chinese Han Population. <i>Journal of Investigative Dermatology</i> , 2019, 139, 957-960.	0.7	14
96	Comparison of mitochondrial transplantation by using a stamp-type multineedle injector and platelet-rich plasma therapy for hair aging in naturally aging mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110520.	5.6	14
97	Compositional analysis of organosolv poplar lignin by using high-performance liquid chromatography/high-resolution multi-stage tandem mass spectrometry. <i>Green Chemistry</i> , 2021, 23, 983-1000.	9.0	14
98	Matrix-assisted laser desorption ionization of infrared laser ablated particles. <i>International Journal of Mass Spectrometry</i> , 2008, 274, 21-24.	1.5	13
99	Evaluation of the Oxidation of Rice Husks with Sodium Hypochlorite Using Gas Chromatography-Mass Spectrometry and Direct Analysis in Real Time-Mass Spectrometry. <i>Analytical Letters</i> , 2014, 47, 77-90.	1.8	13
100	Influence of morphology of PCDTBT:PC71BM on the performance of solar cells. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 1361-1368.	2.3	13
101	Analysis of soluble components in coals and interpretations for the complex mass spectra. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 503-508.	1.5	13
102	In-source collision activated dissociation for coal/biomass-based model compounds and structural characterization of a coal extract. <i>Fuel</i> , 2018, 234, 1033-1043.	6.4	13
103	Nano WO <sub>3</sub> -Catalyzed One-Pot Process for Mild Oxidative Depolymerization of Lignin and its Model Compounds. <i>ChemCatChem</i> , 2021, 13, 3836-3845.	3.7	13
104	Online characterization of pyrolysis products and kinetics study for the pyrolysis of a coal. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 160, 105376.	5.5	13
105	Evolutionary pattern of rDNA following polyploidy in <i>Leymus</i> (Triticeae: Poaceae). <i>Molecular Phylogenetics and Evolution</i> , 2014, 77, 296-306.	2.7	12
106	Genome constitution of <i>Elymus tangutorum</i> (Poaceae: Triticeae) inferred from meiotic pairing behavior and genomic <i>in situ</i> hybridization. <i>Journal of Systematics and Evolution</i> , 2015, 53, 529-534.	3.1	12
107	Light fraction from catalytic hydroconversion of two Chinese coals in cyclohexane over a solid acid. <i>Fuel Processing Technology</i> , 2015, 129, 162-167.	7.2	12
108	Characterization of a Chinese lignite and the corresponding derivatives using direct analysis in real time quadrupole time-of-flight mass spectrometry. <i>RSC Advances</i> , 2016, 6, 105780-105785.	3.6	12



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109	Molecular profiling of crude oil by using Distillation Precipitation Fractionation Mass Spectrometry (DPF-MS). <i>Fuel</i> , 2018, 234, 492-501.	6.4	12
110	Catalytic hydroconversion of derivates from Naomaohu lignite over an active and recyclable bimetallic catalyst. <i>Fuel Processing Technology</i> , 2020, 204, 106388.	7.2	12
111	Insights into the structural characteristics of four thermal dissolution extracts of a subbituminous coal by using higher-energy collisional dissociation. <i>Fuel</i> , 2020, 282, 118844.	6.4	12
112	Structural characteristics of soluble organic matter in four low-rank coals. <i>Fuel</i> , 2020, 267, 117230.	6.4	12
113	Optimization of Two-Step Cotton Scouring with $\beta$ -Cyclodextrin and Alkaline Pectinase. <i>Engineering in Life Sciences</i> , 2008, 8, 339-343.	3.6	11
114	The Identification of Organooxygen Compounds in Geting Bituminous Coal. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2013, 35, 2166-2172.	2.3	11
115	Molecular characteristics of the soluble components from three low-rank coals based on the analyses using GC/MS and GC/Q-TOF MS. <i>Fuel</i> , 2019, 254, 115602.	6.4	11
116	Observing the structural variation of Dahuangshan lignite and four derived residues by non-destructive techniques and flash pyrolysis. <i>Fuel</i> , 2020, 269, 117335.	6.4	11
117	Functional groups of sequential extracts and corresponding residues from Hefeng sub-bituminous coal based on FT-IR analysis. <i>Journal of Fuel Chemistry and Technology</i> , 2021, 49, 890-901.	2.0	11
118	UV laser irradiation of IR laser generated particles ablated from nitrobenzyl alcohol. <i>Applied Surface Science</i> , 2009, 255, 6297-6302.	6.1	10
119	Enrichment and Identification of Condensed Aromatics in a Bio-oil from Degraded Wheat Stalk in Supercritical Ethanol. <i>Energy &amp; Fuels</i> , 2013, 27, 596-598.	5.1	10
120	Fabrication of LSM-SDC composite cathodes for intermediate-temperature solid oxide fuel cells. <i>Ionics</i> , 2015, 21, 2253-2258.	2.4	10
121	Molecular composition of soluble organic species in Baiyinhua lignite and their evolution profiles during pyrolysis. <i>Fuel</i> , 2017, 205, 192-197.	6.4	10
122	Phylogeny and maternal donor of <i>Roegneria</i> and its affinitive genera (Poaceae: Triticeae) based on sequence data for two chloroplast DNA regions ( <i>ndhF</i> and <i>trnH-psbA</i> ). <i>Journal of Systematics and Evolution</i> , 2018, 56, 105-119.	3.1	10
123	Complete structure and variation of the chloroplast genome of <i>Agropyron cristatum</i> (L.) Gaertn. <i>Gene</i> , 2018, 640, 86-96.	2.2	10
124	Evaluation of coal-related model compounds using tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1462-1472.	1.5	10
125	Insight into the molecular distribution of soluble components from Dayan lignite through mass spectrometers with four ionization methods. <i>Fuel</i> , 2018, 227, 177-182.	6.4	10
126	Two-Step Catalytic Degradations of Dahuangshan Lignite and Directional Upgrading of the Resulting Petroleum Ether-Extractable Portions. <i>Energy &amp; Fuels</i> , 2020, 34, 5457-5465.	5.1	10



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127	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
128	Structure and Characteristics of Lignin. Springer Series on Polymer and Composite Materials, 2020, , 17-75.	0.7	10
129	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
130	Organonitrogen compounds identified in degraded wheat straw by oxidation in a sodium hypochlorite aqueous solution. Fuel, 2013, 109, 61-67.	6.4	9
131	The Isolation of Condensed Arenes from Shenmu-Fugu Coal Liquefaction Residue. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2013, 35, 2250-2256.	2.3	9
132	Analysis of the Products from the Oxidation of Geting Bituminous Coal by Atmospheric Pressure Photoionization-Mass Spectrometry. Analytical Letters, 2014, 47, 958-969.	1.8	9
133	Identification of unknown organosulfur compounds with GC/QTOF-MS in the water-soluble portion from mildly oxidized Jincheng No. 15 anthracite. Fuel, 2014, 135, 188-190.	6.4	9
134	Enrichment of oxygen-containing aromatics in an extract from Zhundong subbituminous coal. International Journal of Oil, Gas and Coal Technology, 2014, 8, 325.	0.2	9
135	Removal of hexavalent chromium from aqueous solution by calcined Zn/Al-LDHs. Water Science and Technology, 2016, 74, 229-235.	2.5	9
136	Characterization of Oxygenates, Nitrogenates, and Sulfonates in Shengli Lignite Extracts by Orbitrap Mass Spectrometry. Analytical Letters, 2016, 49, 2907-2916.	1.8	9
137	Construction of 4-isochromanones through Cu(OTf) <sub>2</sub> -Catalysed Sequential C=O and C=O Bond Formation. European Journal of Organic Chemistry, 2018, 2018, 926-931.	2.4	9
138	Self-assembled growth of Pd-Ni sub-microcages as a highly active and durable electrocatalyst. Journal of Materials Chemistry A, 2019, 7, 5179-5184.	10.3	9
139	The Isolation of Condensed Aromatics from a High-temperature Coal Tar. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2013, 35, 2096-2100.	2.3	8
140	Depolymerization of alkaline lignin over mesoporous KF/Al <sub>2</sub> O <sub>3</sub> . New Journal of Chemistry, 2020, 44, 14411-14420.	2.8	8
141	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
142	Phylogeny and molecular evolution of the Acc1 gene within the StH genome species in Triticeae (Poaceae). Gene, 2013, 529, 57-64.	2.2	7
143	Separation and identification of organic compounds from thermally dissolved Shengli lignite in a methanol/benzene mixed solvent. International Journal of Oil, Gas and Coal Technology, 2013, 6, 517.	0.2	7
144	Five regulatory genes detected by matching signatures of eQTL and GWAS in psoriasis. Journal of Dermatological Science, 2014, 76, 139-142.	1.9	7

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