

Xian-Yong Wei

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

265
papers

5,306
citations

40
h-index

59
g-index

274
ext. papers

6,373
ext. citations

4.8
avg, IF

5.99
L-index

#	Paper	IF	Citations
265	Insight into a stepped fragmentation of coal-related model compounds using a tandem Orbitrap mass spectrometer. <i>Microchemical Journal</i> , 2022 , 174, 107056	4.8	
264	Investigation on the structural features of Hecaogou subbituminous coal and its residues by multiple technical strategies. <i>Fuel</i> , 2022 , 309, 122111	7.1	1
263	Analysis of Pyrolysis Performance and Molecular Structure of Five Kinds of Low-Rank Coals in Xinjiang Based on the TG-DTG Method.. <i>ACS Omega</i> , 2022 , 7, 8547-8557	3.9	1
262	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	3.9	0
261	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	6	0
260	Interface modification based on MnO ₂ @N-doped activated carbon composites for flexible solid-state asymmetric supercapacitors. <i>Energy</i> , 2022 , 249, 123659	7.9	3
259	Promotional effect of metallic Co and Fe on Ni-based catalysts for p-cresol deoxygenation. <i>Fuel</i> , 2022 , 321, 124033	7.1	0
258	Comprehensive investigation of the mechanisms for pyrolyzing macromolecular networks in Hecaogou subbituminous coal by comparing the ethanolysis and flash pyrolysis. <i>Fuel</i> , 2022 , 324, 124619	7.1	
257	Fabrication of N/O self-doped hierarchical porous carbons derived from modified coal tar pitch for high-performance supercapacitors. <i>Fuel</i> , 2021 , 122418	7.1	2
256	Hierarchical porous carbon derived from coal and biomass for high performance supercapacitors. <i>Fuel</i> , 2021 , 311, 122552	7.1	8
255	Functional Group Characteristics and Pyrolysis/Combustion Performance of Karamay OS Based on FT-IR and TG-DTG Analyses. <i>ACS Omega</i> , 2021 , 6, 27684-27696	3.9	1
254	Characterization of Oxygen-Containing Aromatics in a Low-Temperature Coal Tar. <i>Energy & Fuels</i> , 2021 , 35, 283-289	4.1	2
253	Insights into coke location of catalyst deactivation during in-situ catalytic reforming of lignite pyrolysis volatiles over cobalt-modified zeolites. <i>Applied Catalysis A: General</i> , 2021 , 613, 118018	5.1	9
252	Value-added utilization of high-temperature coal tar: A review. <i>Fuel</i> , 2021 , 292, 119954	7.1	8
251	Effect of Swelling by Organic Solvent on Structure, Pyrolysis, and Methanol Extraction Performance of Hefeng Bituminous Coal. <i>ACS Omega</i> , 2021 , 6, 14765-14773	3.9	2
250	Preparation of Co-Mo/EA12O ₃ catalyst and the catalytic hydrogenation effects on coal-related model compounds. <i>Journal of the Energy Institute</i> , 2021 , 96, 52-60	5.7	2
249	Optimization of Extraction Technology, Structure, and Antioxidant Activity of Polysaccharide from <i>Grifola frondosa</i> . <i>Starch/Staerke</i> , 2021 , 73, 2000200	2.3	0

248	Catalytic Upgrading of Lignite Pyrolysis Volatiles over AlF ₃ -Modified HZSM-5 to Light Aromatics: Synergistic Effects of One-Step Dealumination and Realumination. <i>Energy & Fuels</i> , 2021 , 35, 12056-12064	4.1	1
247	Solvent Effect on the Hydroconversion of Lignin-Related Model Compounds over MoO ₃ . <i>Energy & Fuels</i> , 2021 , 35, 12142-12150	4.1	1
246	A self-healing hydrogel electrolyte towards all-in-one flexible supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 20445-20460	2.1	1
245	Nano WO ₃ -Catalyzed One-Pot Process for Mild Oxidative Depolymerization of Lignin and its Model Compounds. <i>ChemCatChem</i> , 2021 , 13, 3836-3845	5.2	4
244	Detoxification modification of coal-tar pitch by ultraviolet & microwave radiation-enhanced chemical reaction and toxicity evaluation by chemical index and cytotoxicity assay in vitro. <i>Journal of Hazardous Materials</i> , 2021 , 410, 124648	12.8	3
243	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	7.1	6
242	Evaluation of catalytic deoxygenation of soluble species from a coal using mass spectrometers. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2021 , 43, 1363-1372	1.6	
241	Effective Separation of Condensed Arenes from High-Temperature Coal Tar and Insight into Related Intermolecular Interactions. <i>Energy & Fuels</i> , 2021 , 35, 4267-4272	4.1	1
240	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	7.1	9
239	Copolymer hydrogel as self-standing electrode for high performance all-hydrogel-state supercapacitor. <i>Journal of Materials Science</i> , 2021 , 56, 16028-16043	4.3	4
238	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	4.3	3
237	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	8.1	6
236	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	7.1	2
235	Selective enrichment of carbazole from an anthracene slag by extraction: Experiment and simulation. <i>Journal of Molecular Liquids</i> , 2021 , 341, 117382	6	0
234	Deep hydroconversion of ethanol-soluble portion from the ethanolysis of Hecaogou subbituminous coal to ultra-clean liquid fuel over hierarchical porous zeolite Y supported NiCo nanoparticles. <i>Journal of the Energy Institute</i> , 2021 , 99, 88-96	5.7	3
233	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	7.1	1
232	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	6.1	5
231	Catalytic Degradation and Directional Upgrading of Zhunnan Lignite: Double Constraint of Active Hydrogen and Effective Acquisition of Derived Arenes over Nickel Ferrite. <i>Energy & Fuels</i> , 2021 , 35, 19943-19952	4.1	1

230	Catalytic Fast Pyrolysis of Sewage Sludge over HZSM-5: A Study of Light Aromatics, Coke, and Nitrogen Migration under Different Atmospheres. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 17537-17545	3.9	4
229	Alcoholysis of Linfen bituminous coal: effect of temperature and solvent. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020 , 1-11	1.6	
228	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	8.3	5
227	Hydrogenolysis of lignin-derived aryl ethers to monomers over a MOF-derived Ni/Ni catalyst. <i>Reaction Chemistry and Engineering</i> , 2020 , 5, 886-895	4.9	11
226	Phytic acid-doped poly(aniline-co-pyrrole) copolymers for supercapacitor electrodes applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 6263-6273	2.1	4
225	Catalytic Hydroconversion of Runbei Lignite over a Highly Active Solid Superacid. <i>ChemistrySelect</i> , 2020 , 5, 6646-6651	1.8	1
224	Effect of Swelling Treatment by Organic Solvent on the Structure and Pyrolysis Performance of the Direct Coal Liquefaction Residue. <i>Energy & Fuels</i> , 2020 , 34, 8685-8696	4.1	8
223	Observing the structural variation of Dahuangshan lignite and four derived residues by non-destructive techniques and flash pyrolysis. <i>Fuel</i> , 2020 , 269, 117335	7.1	8
222	Synthesis of ZSM-5 using different silicon and aluminum sources nature for catalytic conversion of lignite pyrolysis volatiles to light aromatics. <i>Fuel</i> , 2020 , 268, 117286	7.1	19
221	Preparation of layered-porous carbon from coal tar pitch narrow fractions by single-solvent extraction for superior cycling stability electric double layer capacitor application. <i>Journal of Colloid and Interface Science</i> , 2020 , 567, 347-356	9.3	16
220	Catalytic Hydroconversion of a High-Temperature Coal Tar over Two Attapulgit Powder-Supported Nickel Catalysts. <i>Energy & Fuels</i> , 2020 , 34, 1288-1296	4.1	2
219	Directional Catalytic Hydroconversion of Oxybis (methylene)dibenzene and an Extract from Piliqing Subbituminous Coal over a Magnetic Difunctional Solid Superbase. <i>ChemistrySelect</i> , 2020 , 5, 1130-1134	1.8	1
218	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	2.6	2
217	Separation of arenols from a low-temperature coal tar by liquid-liquid extraction. <i>Korean Journal of Chemical Engineering</i> , 2020 , 37, 835-838	2.8	3
216	Catalytic reforming of lignite pyrolysis volatiles over sulfated HZSM-5: Significance of the introduced extra-framework Al species. <i>Fuel</i> , 2020 , 273, 117789	7.1	20
215	Effect of Swelling with Ionic Liquid on the Molecular Structure and Pyrolysis Behavior of Hefeng Sub-bituminous Coal. <i>Energy & Fuels</i> , 2020 , 34, 16099-16108	4.1	3
214	Sustainable Porous Carbon with High Specific Surface Area from Soybean Shell via Hydrothermal Carbonization with H ₃ PO ₄ for Electric Double-Layer Capacitor Applications. <i>Energy Technology</i> , 2020 , 8, 1901103	3.5	5
213	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. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020 , 146, 104695	6	1

212	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	4.1	10
211	Insight into molecular characteristics of a Chinese coal via separation, characterization, and data processing. <i>Journal of Separation Science</i> , 2020 , 43, 839-846	3.4	
210	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	2.9	1
209	High-performance electrode material for electric double-layer capacitor based on hydrothermal pre-treatment of lignin by ZnCl ₂ . <i>Applied Surface Science</i> , 2020 , 508, 144536	6.7	20
208	Carbon Dots Derived from Facile Tailoring of Shaerhu Lignite as a Novel Fluorescence Sensor with High-Selectivity and Sensitivity for Cu ²⁺ Detection. <i>ChemistrySelect</i> , 2020 , 5, 12125-12130	1.8	3
207	Sequential thermal dissolution of two low-rank coals and characterization of their structures by high-performance liquid chromatography/time-of-flight mass spectrometry and gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8887	2.2	1
206	Catalytic hydroconversion of derivates from Naomaohu lignite over an active and recyclable bimetallic catalyst. <i>Fuel Processing Technology</i> , 2020 , 204, 106388	7.2	6
205	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	4.1	3
204	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	7.2	7
203	Production of Benzenecarboxylic Acids from Geting Bituminous Coal through Oxidation with NaOCl Enhanced by Pretreatment with H ₂ O ₂ . <i>ChemistrySelect</i> , 2020 , 5, 8380-8385	1.8	2
202	Comprehensive research of in situ upgrading of sawdust fast pyrolysis vapors over HZSM-5 catalyst for producing renewable light aromatics. <i>Journal of the Energy Institute</i> , 2020 , 93, 15-24	5.7	13
201	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	7.1	7
200	Preparation of Porous Carbon Spheres Under Different Activation Conditions from 2-Keto-l-gulonic Acid Mother Liquor for Electric Double-Layer Capacitor. <i>Waste and Biomass Valorization</i> , 2020 , 11, 4429-4440	3.2	2
199	Highly Selective Hydrogenation of Furfural to Furan-2-ylmethanol over Zeolitic Imidazolate Frameworks-67-Templated Magnetic Cu ₂ O/C. <i>Catalysis Letters</i> , 2020 , 150, 178-184	2.8	5
198	Investigation on the structural characteristics of the residues from extraction and oxidation of a sawdust. <i>Fuel</i> , 2020 , 273, 117091	7.1	4
197	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	4.1	3
196	One-pot Facile Synthesis of Multifunctional Conjugated Microporous Polymers via Suzuki-Miyaura Coupling Reaction. <i>ChemistrySelect</i> , 2020 , 5, 1410-1415	1.8	2
195	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	3.9	4

194	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	4.1	4
193	Sulfation-acidified HZSM-5 catalyst for in-situ catalytic conversion of lignite pyrolysis volatiles to light aromatics. <i>Fuel</i> , 2019 , 255, 115784	7.1	37
192	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	6	19
191	Enhancement of light aromatics from catalytic fast pyrolysis of cellulose over bifunctional hierarchical HZSM-5 modified by hydrogen fluoride and nickel/hydrogen fluoride. <i>Bioresource Technology</i> , 2019 , 278, 116-123	11	72
190	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	7.1	9
189	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	4.5	8
188	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	6	5
187	Catalytic hydroconversion of Yinggemajianfeng lignite over difunctional Ni-Mg ₂ Si/Al ₂ O ₃ . <i>Fuel</i> , 2019 , 249, 496-502	7.1	4
186	A novel enzymatic biosensor for detection of intracellular hydrogen peroxide based on 1-aminopyrene and reduced graphene oxides. <i>Journal of Chemical Sciences</i> , 2019 , 131, 1	1.8	10
185	Insights into Physicochemical Changes of Yinggemajianfeng Lignite in Co-Solvents of Ionic Liquids and Methanol. <i>Energy & Fuels</i> , 2019 , 33, 2867-2871	4.1	3
184	Insight into molecular information of Huolinguole lignite obtained by Fourier transform ion cyclotron resonance mass spectrometry and statistical methods. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33, 1107-1113	2.2	2
183	Nitrogen migration mechanism and formation of aromatics during catalytic fast pyrolysis of sewage sludge over metal-loaded HZSM-5. <i>Fuel</i> , 2019 , 244, 151-158	7.1	45
182	Preparation of nanocellulose and lignin-carbohydrate complex composite biological carriers and culture of heart coronary artery endothelial cells. <i>International Journal of Biological Macromolecules</i> , 2019 , 137, 1161-1168	7.9	18
181	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	5.3	2
180	Recent advances in syngas production from biomass catalytic gasification: A critical review on reactors, catalysts, catalytic mechanisms and mathematical models. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 116, 109426	16.2	145
179	Enhanced Light Aromatic Yield from Lignite Pyrolysis by Remedying the Acid Sites of Different Hierarchical HZSM-5. <i>Energy & Fuels</i> , 2019 , 33, 12346-12352	4.1	7
178	In Situ Upgrading of Cellulose Pyrolysis Volatiles Using Hydrofluorinated and Platinum-Loaded HZSM-5 for High Selectivity Production of Light Aromatics. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 22193-22201	3.9	22
177	A Novel Evaluation Method Developed for the Denitrogenation and Deoxygenation on Molecules in Coal during Catalytic Treatments. <i>ChemistrySelect</i> , 2019 , 4, 13582-13588	1.8	3

176	Effect of zeolite structure on light aromatics formation during upgrading of cellulose fast pyrolysis vapor. <i>Journal of the Energy Institute</i> , 2019 , 92, 1567-1576	5.7	25
175	Comparison of Kinetics and Activity of Ni-Based Catalysts for Benzyl Phenyl Ether Catalytic Hydrogenolysis. <i>Energy Technology</i> , 2019 , 7, 1800694	3.5	8
174	Catalytic hydroconversion of Yiwu lignite over solid superacid and solid superbase. <i>Fuel</i> , 2019 , 238, 473-482	4.8	10
173	Isolation and purification of carbazole contained in anthracene slag by extraction combined with medium pressure liquid chromatography. <i>Chinese Journal of Chemical Engineering</i> , 2019 , 27, 2925-2929	3.2	5
172	Optimization of Ultrasonic-Microwave Assisted Extraction and Hepatoprotective Activities of Polysaccharides from. <i>Molecules</i> , 2019 , 24,	4.8	14
171	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	7.1	2
170	Catalytic conversion of lignite pyrolysis volatiles to light aromatics over ZSM-5: SiO ₂ /Al ₂ O ₃ ratio effects and mechanism insights. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019 , 139, 22-30	6	28
169	Three-Dimensional Hierarchical Porous Carbon with High Oxygen Content Derived from Organic Waste Liquid with Superior Electric Double Layer Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 4037-4046	8.3	25
168	Preparation of hierarchical HZSM-5 based sulfated zirconium solid acid catalyst for catalytic upgrading of pyrolysis vapors from lignite pyrolysis. <i>Fuel</i> , 2019 , 237, 1079-1085	7.1	50
167	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	4.1	14
166	Mass spectrometric evaluation of the soluble species of Shengli lignite using cluster analysis methods. <i>Fuel</i> , 2019 , 236, 1037-1042	7.1	17
165	Temperature-controlled hydrogenation of anthracene over nickel nanoparticles supported on attapulgite powder. <i>Fuel</i> , 2018 , 223, 222-229	7.1	26
164	Formation of aromatics and removal of nitrogen in catalytic fast pyrolysis of sewage sludge: A study of sewage sludge and model amino acids. <i>Fuel</i> , 2018 , 218, 148-154	7.1	52
163	Catalytic upgrading of pyrolysis vapors from lignite over mono/bimetal-loaded mesoporous HZSM-5. <i>Fuel</i> , 2018 , 218, 33-40	7.1	114
162	Enhancement of Aromatic Products from Catalytic Fast Pyrolysis of Lignite over Hierarchical HZSM-5 by Piperidine-Assisted Desilication. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 1792-1802	8.3	43
161	Increasing light aromatic products during upgrading of lignite pyrolysis vapor over Co-modified HZSM-5. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018 , 130, 190-197	6	40
160	A highly active bifunctional solid acid for di(1-naphthyl)methane hydroconversion. <i>Fuel</i> , 2018 , 220, 101-108	7.1	7
159	Effects of reaction conditions on catalytic hydroconversion of phenethoxybenzene over bifunctional Ni/H ₂ Asia-Pacific Journal of Chemical Engineering, 2018 , 13, e2228	1.3	2

158	Rapid analysis of carboxylic acids and esters with a direct analysis in real time ion source. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 1521-1528	2.2	2
157	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	7.1	6
156	Solubility of a Russia vacuum residue and group composition of the soluble fractions in different solvents. <i>Petroleum Science and Technology</i> , 2018 , 36, 1427-1431	1.4	
155	Preparation of porous carbon spheres from 2-keto-l-gulonic acid mother liquor by oxidation and activation for electric double-layer capacitor application. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 20-27	9.3	14
154	Oxidative degradation of the extraction residue from a sawdust. <i>Fuel</i> , 2018 , 212, 586-592	7.1	5
153	Synthesis of a Novel Polycarboxylate Superplasticizer with Hyperbranched Structure. <i>ChemistrySelect</i> , 2018 , 3, 13493-13496	1.8	4
152	Insight into the structural features of organic species in Fushun oil shale via thermal dissolution. <i>Chinese Journal of Chemical Engineering</i> , 2018 , 26, 2162-2168	3.2	5
151	Fe ₂ O ₃ /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	4
150	Molecular Characteristics of Shenfu Coal Characterized by Mass Spectrometers with Three Ion Sources. <i>ChemistrySelect</i> , 2018 , 3, 10383-10387	1.8	
149	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	7.2	43
148	Characterization of nitrogen and sulfur-containing species in Zhaotong lignite and its extracts from ultrasonic extraction. <i>Fuel</i> , 2018 , 219, 417-425	7.1	17
147	Tandem mass spectrometric evaluation of core structures of aromatic compounds after catalytic deoxygenation. <i>Fuel Processing Technology</i> , 2018 , 176, 119-123	7.2	35
146	Catalytic Hydrogenation of Levulinic Acid into Gamma-Valerolactone Over Ni/HZSM-5 Catalysts. <i>Catalysis Surveys From Asia</i> , 2018 , 22, 129-135	2.8	10
145	Evaluation of coal-related model compounds using tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 1462-1472	2.2	9
144	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	7.2	7
143	Catalytic hydroconversion of the extraction residue from Naomaohu lignite over an active and separable magnetic solid superbase. <i>Fuel</i> , 2018 , 226, 410-416	7.1	14
142	Application of mass spectrometry in the characterization of chemicals in coal-derived liquids. <i>Mass Spectrometry Reviews</i> , 2017 , 36, 543-579	11	33
141	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	7.9	44

140	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	123
139	Two-step depolymerization of Zhaotong lignite in ethanol. <i>Fuel</i> , 2017 , 196, 391-397	7.1	14
138	Characterization of humic acids extracted from a lignite and interpretation for the mass spectra. <i>RSC Advances</i> , 2017 , 7, 20677-20684	3.7	44
137	Highly selective catalytic hydroconversion of benzyloxybenzene to bicyclic cyclanes over bifunctional nickel catalysts. <i>Catalysis Communications</i> , 2017 , 98, 38-42	3.2	19
136	Catalytic hydroconversion of lignite-related model compounds over difunctional Ni-Mg ₂ Si/Al ₂ O ₃ . <i>Fuel</i> , 2017 , 200, 208-217	7.1	12
135	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	7.1	13
134	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	17
133	A recyclable and highly active magnetic solid superbase for hydrocracking CO bridged bonds in sawdust. <i>Fuel Processing Technology</i> , 2017 , 159, 396-403	7.2	8
132	Study on pine sawdust pyrolysis behavior by fast pyrolysis under inert and reductive atmospheres. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017 , 125, 279-288	6	36
131	An acidic ionic liquid modified microfiber attapulgite-supported nickel for catalytic hydroconversion of diarylalkanes. <i>Fuel Processing Technology</i> , 2017 , 161, 85-94	7.2	8
130	Extraction and thermal dissolution of Piliqing subbituminous coal. <i>Fuel</i> , 2017 , 200, 282-289	7.1	27
129	Catalytic Reforming of Volatiles from Biomass Pyrolysis for Hydrogen-Rich Gas Production over Limonite Ore. <i>Energy & Fuels</i> , 2017 , 31, 4054-4060	4.1	48
128	Analysis of soluble components in coals and interpretations for the complex mass spectra. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 503-508	2.2	12
127	Structural Characterization of Lignin and Its Degradation Products with Spectroscopic Methods. <i>Journal of Spectroscopy</i> , 2017 , 2017, 1-15	1.5	112
126	Analytical Strategies Involved in the Detailed Componential Characterization of Biooil Produced from Lignocellulosic Biomass. <i>International Journal of Analytical Chemistry</i> , 2017 , 2017, 9298523	1.4	16
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