

# Xian-Yong Wei

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1008172/xian-yong-wei-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Nitrogen transformations during fast pyrolysis of sewage sludge. <i>Fuel</i> , <b>2013</b> , 104, 1-6	7.1	170
264	Insight into the structural features of Zhaotong lignite using multiple techniques. <i>Fuel</i> , <b>2015</b> , 153, 176-182	7.1	145
263	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> , <b>2019</b> , 116, 109426	16.2	145
262	Sequential Thermal Dissolution of Huoilinguo Lignite in Methanol and Ethanol. <i>Energy &amp; Fuels</i> , <b>2011</b> , 25, 2741-2745	4.1	130
261	Pyrolysis kinetics of soybean straw using thermogravimetric analysis. <i>Fuel</i> , <b>2016</b> , 169, 93-98	7.1	127
260	In situ upgrading of Shengli lignite pyrolysis vapors over metal-loaded HZSM-5 catalyst. <i>Fuel Processing Technology</i> , <b>2017</b> , 160, 19-26	7.2	123
259	Catalytic upgrading of pyrolysis vapors from lignite over mono/bimetal-loaded mesoporous HZSM-5. <i>Fuel</i> , <b>2018</b> , 218, 33-40	7.1	114
258	Structural Characterization of Lignin and Its Degradation Products with Spectroscopic Methods. <i>Journal of Spectroscopy</i> , <b>2017</b> , 2017, 1-15	1.5	112
257	Separation and structural characterization of the value-added chemicals from mild degradation of lignites: A review. <i>Applied Energy</i> , <b>2016</b> , 170, 415-436	10.7	90
256	Investigation on structural features of Shengli lignite through oxidation under mild conditions. <i>Fuel</i> , <b>2013</b> , 109, 316-324	7.1	87
255	Extraction of Organonitrogen Compounds from Five Chinese Coals with Methanol#. <i>Energy &amp; Fuels</i> , <b>2009</b> , 23, 4848-4851	4.1	76
254	Advances in Lignite Extraction and Conversion under Mild Conditions. <i>Energy &amp; Fuels</i> , <b>2015</b> , 29, 6869-6886	7.1	75
253	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> , <b>2019</b> , 278, 116-123	11	72
252	Identification of organochlorines and organobromines in coals. <i>Fuel</i> , <b>2004</b> , 83, 2435-2438	7.1	71
251	Ruthenium Ion-Catalyzed Oxidation of Shenfu Coal and Its Residues. <i>Energy &amp; Fuels</i> , <b>2008</b> , 22, 1799-1806	4.06	69
250	Application of gas chromatography/mass spectrometry in studies on separation and identification of organic species in coals. <i>Fuel</i> , <b>2013</b> , 109, 28-32	7.1	68
249	Preparation of porous carbons by hydrothermal carbonization and KOH activation of lignite and their performance for electric double layer capacitor. <i>Electrochimica Acta</i> , <b>2017</b> , 252, 397-407	6.7	68

248	Difference in chemical composition of supercritical methanolysis products between two lignites. <i>Applied Energy</i> , <b>2011</b> , 88, 4570-4576	10.7	68
247	Organic oxygen transformation during pyrolysis of Baiyinhua lignite. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2016</b> , 117, 106-115	6	64
246	Application of supported metallic catalysts in catalytic hydrogenation of arenes. <i>RSC Advances</i> , <b>2013</b> , 3, 14219	3.7	64
245	Preparation of porous carbon sphere from waste sugar solution for electric double-layer capacitor. <i>Journal of Power Sources</i> , <b>2017</b> , 361, 249-258	8.9	61
244	Characterizations of the Extracts from Geting Bituminous Coal by Spectrometries. <i>Energy &amp; Fuels</i> , <b>2013</b> , 27, 3709-3717	4.1	57
243	Hollow zeolite structures formed by crystallization in crosslinked polyacrylamide hydrogels. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 3337		56
242	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 &amp; Fuels</i> , <b>2014</b> , 28, 5596-5605	4.1	54
241	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> , <b>2018</b> , 218, 148-154	7.1	52
240	Preparation of hierarchical HZSM-5 based sulfated zirconium solid acid catalyst for catalytic upgrading of pyrolysis vapors from lignite pyrolysis. <i>Fuel</i> , <b>2019</b> , 237, 1079-1085	7.1	50
239	Advances in the study of hydrogen transfer to model compounds for coal liquefaction. <i>Fuel Processing Technology</i> , <b>2000</b> , 62, 103-107	7.2	49
238	Catalytic Reforming of Volatiles from Biomass Pyrolysis for Hydrogen-Rich Gas Production over Limonite Ore. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 4054-4060	4.1	48
237	Characterization of organonitrogen species in Xianfeng lignite by sequential extraction and ruthenium ion-catalyzed oxidation. <i>Fuel Processing Technology</i> , <b>2014</b> , 126, 199-206	7.2	48
236	Insight into the structural features of macromolecular aromatic species in Huolinguole lignite through ruthenium ion-catalyzed oxidation. <i>Fuel</i> , <b>2014</b> , 128, 231-239	7.1	48
235	Molecular characterization of heteroatomic compounds in a high-temperature coal tar using three mass spectrometers. <i>Fuel Processing Technology</i> , <b>2015</b> , 138, 65-73	7.2	47
234	Characterization of acidic species in ethanol-soluble portion from Zhaotong lignite ethanolysis by negative-ion electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Fuel Processing Technology</i> , <b>2014</b> , 128, 297-302	7.2	47
233	Nitrogen migration mechanism and formation of aromatics during catalytic fast pyrolysis of sewage sludge over metal-loaded HZSM-5. <i>Fuel</i> , <b>2019</b> , 244, 151-158	7.1	45
232	Reaction of Di(1-naphthyl)methane over Metals and Metal-Sulfur Systems. <i>Energy &amp; Fuels</i> , <b>2003</b> , 17, 652-657	4.1	45
231	Ameliorative effect of <i>Trametes orientalis</i> polysaccharide against immunosuppression and oxidative stress in cyclophosphamide-treated mice. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 95, 1216-1222	7.9	44

230	Characterization of humic acids extracted from a lignite and interpretation for the mass spectra. <i>RSC Advances</i> , <b>2017</b> , 7, 20677-20684	3-7	44
229	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> , <b>2018</b> , 6, 1792-1802	8-3	43
228	Structural Characterization of Typical Organic Species in Jincheng No. 15 Anthracite. <i>Energy &amp; Fuels</i> , <b>2015</b> , 29, 595-601	4-1	43
227	Solvent-controlled selective hydrodeoxygenation of bio-derived guaiacol to arenes or phenols over a biochar supported Co-doped MoO <sub>2</sub> catalyst. <i>Fuel Processing Technology</i> , <b>2018</b> , 179, 114-123	7-2	43
226	Structural Features of Extraction Residues from Supercritical Methanolysis of Two Chinese Lignites. <i>Energy &amp; Fuels</i> , <b>2013</b> , 27, 4632-4638	4-1	41
225	Identification of basic nitrogen compounds in ethanol-soluble portion from Zhaotong lignite ethanolysis by positive-ion electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Fuel</i> , <b>2015</b> , 141, 268-274	7-1	40
224	Increasing light aromatic products during upgrading of lignite pyrolysis vapor over Co-modified HZSM-5. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2018</b> , 130, 190-197	6	40
223	Structural evaluation of Xiaolongtan lignite by direct characterization and pyrolytic analysis. <i>Fuel Processing Technology</i> , <b>2016</b> , 144, 248-254	7-2	39
222	Deep hydrogenation of coal tar over a Ni/ZSM-5 catalyst. <i>RSC Advances</i> , <b>2014</b> , 4, 17105	3-7	39
221	Effects of iron catalyst precursors, sulfur, hydrogen pressure and solvent type on the hydrocracking of di(1-naphthyl)methane. <i>Fuel</i> , <b>1993</b> , 72, 1547-1552	7-1	38
220	Sulfation-acidified HZSM-5 catalyst for in-situ catalytic conversion of lignite pyrolysis volatiles to light aromatics. <i>Fuel</i> , <b>2019</b> , 255, 115784	7-1	37
219	Study on pine sawdust pyrolysis behavior by fast pyrolysis under inert and reductive atmospheres. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2017</b> , 125, 279-288	6	36
218	A Highly Active Ni/ZSM-5 Catalyst for Complete Hydrogenation of Polymethylbenzenes. <i>ChemCatChem</i> , <b>2013</b> , 5, 3543-3547	5-2	36
217	Tandem mass spectrometric evaluation of core structures of aromatic compounds after catalytic deoxygenation. <i>Fuel Processing Technology</i> , <b>2018</b> , 176, 119-123	7-2	35
216	Investigation on compositional and structural features of Xianfeng lignite through sequential thermal dissolution. <i>Fuel Processing Technology</i> , <b>2015</b> , 138, 125-132	7-2	34
215	Application of mass spectrometry in the characterization of chemicals in coal-derived liquids. <i>Mass Spectrometry Reviews</i> , <b>2017</b> , 36, 543-579	11	33
214	Characterization of Zhundong subbituminous coal by time-of-flight mass spectrometry equipped with atmospheric pressure photoionization ion source. <i>Fuel Processing Technology</i> , <b>2014</b> , 117, 60-65	7-2	33
213	A new solid acid for specifically cleaving the CarCalk bond in di(1-naphthyl)methane. <i>Applied Catalysis A: General</i> , <b>2012</b> , 425-426, 79-84	5-1	33

212	Catalyses of Fe and FeS <sub>2</sub> on the Reaction of Di(1-naphthyl)methane. <i>Chemistry Letters</i> , <b>1991</b> , 20, 2199-2207	33
211	Nitrogen Evolution during Fast Pyrolysis of Sewage Sludge under Inert and Reductive Atmospheres. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 7191-7196	4.1 32
210	Desulfurization of Coal by Pyrolysis and Hydropyrolysis with Addition of KOH/NaOH. <i>Energy &amp; Fuels</i> , <b>2005</b> , 19, 1673-1678	4.1 32
209	Extension of catalyst lifetime by doping of Ce in Ni-loaded acid-washed Shengli lignite char for biomass catalytic gasification. <i>Catalysis Science and Technology</i> , <b>2017</b> , 7, 5741-5749	5.5 30
208	Multifunctional and highly active Ni/microfiber attapulgite for catalytic hydroconversion of model compounds and coal tars. <i>Fuel Processing Technology</i> , <b>2015</b> , 134, 39-45	7.2 29
207	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> , <b>2016</b> , 30, 47-53	4.1 29
206	ReaxFF Reactive Force Field for Molecular Dynamics Simulations of Lignite Depolymerization in Supercritical Methanol with Lignite-Related Model Compounds. <i>Energy &amp; Fuels</i> , <b>2012</b> , 26, 984-989	4.1 29
205	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> , <b>2015</b> , 5, 7125-7130	3.7 28
204	One Pot Three Component Synthesis of 9-arylpolyhydroacridine Derivatives in an Ionic Liquid Medium. <i>Journal of Chemical Research</i> , <b>2005</b> , 2005, 600-602	0.6 28
203	Catalytic conversion of lignite pyrolysis volatiles to light aromatics over ZSM-5: SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> ratio effects and mechanism insights. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2019</b> , 139, 22-30	6 28
202	Extraction and thermal dissolution of Piliqing subbituminous coal. <i>Fuel</i> , <b>2017</b> , 200, 282-289	7.1 27
201	Identification of Organic Chlorines and Iodines in the Extracts from Hydrotreated Argonne Premium Coal Residues. <i>Energy &amp; Fuels</i> , <b>2007</b> , 21, 2238-2239	4.1 27
200	Sequential extraction and thermal dissolution of Shengli lignite. <i>Fuel Processing Technology</i> , <b>2015</b> , 135, 20-24	7.2 26
199	Temperature-controlled hydrogenation of anthracene over nickel nanoparticles supported on attapulgite powder. <i>Fuel</i> , <b>2018</b> , 223, 222-229	7.1 26
198	Microwave-Assisted Hydrogen Transfer to Anthracene and Phenanthrene over Pd/C. <i>Energy &amp; Fuels</i> , <b>2009</b> , 23, 638-645	4.1 26
197	Analysis of extractable basic nitrogen compounds in Buliangou subbituminous coal by positive-ion ESI FT-ICR MS. <i>Fuel</i> , <b>2015</b> , 159, 385-391	7.1 25
196	Catalytic hydroconversion of Geting bituminous coal over FeNi <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> . <i>Fuel Processing Technology</i> , <b>2015</b> , 133, 195-201	7.2 25
195	Effect of zeolite structure on light aromatics formation during upgrading of cellulose fast pyrolysis vapor. <i>Journal of the Energy Institute</i> , <b>2019</b> , 92, 1567-1576	5.7 25

194	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> , <b>2019</b> , 7, 4037-4046	8.3	25
193	Isolation and Identification of Two Bis(2-ethylheptyl) Benzenedicarboxylates from Lingwu Coal. <i>Energy &amp; Fuels</i> , <b>2009</b> , 23, 588-590	4.1	24
192	Enrichment and Identification of Arylhopanes from Shengli Lignite. <i>Energy &amp; Fuels</i> , <b>2014</b> , 28, 6745-6748	4.4	23
191	Catalytic hydroconversion of extraction residue from Shengli lignite over Fe $\beta$ /ZSM-5. <i>Fuel Processing Technology</i> , <b>2014</b> , 126, 131-137	7.2	23
190	Identification of organonitrogen and organooxygen compounds in the extraction residue from Buliangou subbituminous coal by FTICRMS. <i>Fuel</i> , <b>2016</b> , 171, 151-158	7.1	22
189	A highly active Ni/mesoporous attapulgite for hydrocracking CO bonds in rice straw. <i>Fuel Processing Technology</i> , <b>2015</b> , 131, 376-381	7.2	22
188	In Situ Upgrading of Cellulose Pyrolysis Volatiles Using Hydrofluorinated and Platinum-Loaded HZSM-5 for High Selectivity Production of Light Aromatics. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 22193-22201	3.9	22
187	Isolation and Identification of Methyl Alkanoates from Lingwu Coal. <i>Energy &amp; Fuels</i> , <b>2010</b> , 24, 2784-2786	4.7	21
186	Catalytic reforming of lignite pyrolysis volatiles over sulfated HZSM-5: Significance of the introduced extra-framework Al species. <i>Fuel</i> , <b>2020</b> , 273, 117789	7.1	20
185	Characterization of nitrogen- and oxygen-containing species in methanol-extractable portion from Xinghe lignite. <i>Fuel Processing Technology</i> , <b>2016</b> , 142, 167-173	7.2	20
184	Catalytic hydroconversion of methanol-soluble portion from Xiaolongtan lignite over difunctional Ni/ZSA. <i>Fuel Processing Technology</i> , <b>2016</b> , 148, 146-154	7.2	20
183	Decomposition of NO <sub>x</sub> Precursors during Gasification of Wet and Dried Pig Manures and Their Composts over Ni-based Catalysts. <i>Energy &amp; Fuels</i> , <b>2014</b> , 28, 2041-2046	4.1	20
182	Analysis of Geting Bituminous Coal by Electrospray Ionization and Direct Analysis in Real Time Mass Spectrometry. <i>Analytical Letters</i> , <b>2014</b> , 47, 2012-2022	2.2	20
181	High-performance electrode material for electric double-layer capacitor based on hydrothermal pre-treatment of lignin by ZnCl <sub>2</sub> . <i>Applied Surface Science</i> , <b>2020</b> , 508, 144536	6.7	20
180	Highly selective catalytic hydroconversion of benzyloxybenzene to bicyclic cyclanes over bifunctional nickel catalysts. <i>Catalysis Communications</i> , <b>2017</b> , 98, 38-42	3.2	19
179	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> , <b>2019</b> , 139, 13-21	6	19
178	Nitrogen-doped porous carbon foams prepared from mesophase pitch through graphitic carbon nitride nanosheet templates. <i>RSC Advances</i> , <b>2015</b> , 5, 45718-45724	3.7	19
177	Synthesis of ZSM-5 using different silicon and aluminum sources nature for catalytic conversion of lignite pyrolysis volatiles to light aromatics. <i>Fuel</i> , <b>2020</b> , 268, 117286	7.1	19

176	Molecular characteristics of a Chinese coal analyzed using mass spectrometry with various ionization modes. <i>Fuel</i> , <b>2015</b> , 155, 122-127	7.1	18
175	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> , <b>2019</b> , 137, 1161-1168	7.9	18
174	Alkanolysis simulation of lignite-related model compounds using density functional theory. <i>Fuel</i> , <b>2014</b> , 120, 158-162	7.1	18
173	Selective Hydrogen Transfer to Anthracene and Its Derivatives over an Activated Carbon. <i>Energy &amp; Fuels</i> , <b>2009</b> , 23, 4877-4882	4.1	18
172	An evidence for the strong association of N-methyl-2-pyrrolidinone with some organic species in three Chinese bituminous coals. <i>Science Bulletin</i> , <b>2008</b> , 53, 1157-1164	10.6	18
171	A highly active solid acid for specifically catalyzing di(1-naphthyl)methane hydrocracking in cyclohexane. <i>Fuel Processing Technology</i> , <b>2016</b> , 142, 258-263	7.2	18
170	Preparation of porous carbons from waste sugar residue for high performance electric double-layer capacitor. <i>Fuel Processing Technology</i> , <b>2017</b> , 162, 45-54	7.2	17
169	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> , <b>2016</b> , 39, 2491-8	3.4	17
168	Reaction of N-Methyl-2-pyrrolidinone with Carbon Disulfide. <i>Energy &amp; Fuels</i> , <b>2000</b> , 14, 734-735	4.1	17
167	Mass spectrometric evaluation of the soluble species of Shengli lignite using cluster analysis methods. <i>Fuel</i> , <b>2019</b> , 236, 1037-1042	7.1	17
166	Characterization of nitrogen and sulfur-containing species in Zhaotong lignite and its extracts from ultrasonic extraction. <i>Fuel</i> , <b>2018</b> , 219, 417-425	7.1	17
165	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> , <b>2020</b> , 567, 347-356	9.3	16
164	Analytical Strategies Involved in the Detailed Componential Characterization of Biooil Produced from Lignocellulosic Biomass. <i>International Journal of Analytical Chemistry</i> , <b>2017</b> , 2017, 9298523	1.4	16
163	Hydrocracking of benzyloxybenzene as a lignite-related model compound over a novel solid acid. <i>Fuel Processing Technology</i> , <b>2016</b> , 146, 110-115	7.2	16
162	Complete hydrocracking of dibenzyl ether over a solid acid under mild conditions. <i>Fuel</i> , <b>2016</b> , 183, 531-536	7.1	16
161	Comparison of three methods for extracting Liuhuanggou bituminous coal. <i>Fuel</i> , <b>2017</b> , 210, 290-297	7.1	15
160	A clean synthesis of polyhydroacridine and indenoquinoline derivatives catalyzed by triethylbenzylammonium chloride in aqueous media. <i>Journal of Heterocyclic Chemistry</i> , <b>2006</b> , 43, 989-995	1.9	15
159	Two-step depolymerization of Zhaotong lignite in ethanol. <i>Fuel</i> , <b>2017</b> , 196, 391-397	7.1	14

158	Facile and scalable synthesis of coal tar-derived, nitrogen and sulfur-codoped carbon nanotubes with superior activity for O <sub>2</sub> reduction by employing an evocating agent. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 22723-22729	13	14
157	Optimization of Ultrasonic-Microwave Assisted Extraction and Hepatoprotective Activities of Polysaccharides from. <i>Molecules</i> , <b>2019</b> , 24,	4.8	14
156	An Effective Approach for Separating Carbazole and Its Derivates from Coal-Tar-Derived Anthracene Oil Using Ionic Liquids. <i>Energy &amp; Fuels</i> , <b>2019</b> , 33, 513-522	4.1	14
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> , <b>2018</b> , 513, 20-27	9.3	14
154	Catalytic hydroconversion of the extraction residue from Naomaohu lignite over an active and separable magnetic solid superbase. <i>Fuel</i> , <b>2018</b> , 226, 410-416	7.1	14
153	Difunctional nickel/microfiber attapulgite modified with an acidic ionic liquid for catalytic hydroconversion of lignite-related model compounds. <i>Fuel</i> , <b>2017</b> , 204, 236-242	7.1	13
152	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> , <b>2020</b> , 93, 15-24	5.7	13
151	Catalytic hydroconversion of lignite-related model compounds over difunctional Ni-Mg <sub>2</sub> Si/Al <sub>2</sub> O <sub>3</sub> . <i>Fuel</i> , <b>2017</b> , 200, 208-217	7.1	12
150	Analysis of soluble components in coals and interpretations for the complex mass spectra. <i>Rapid Communications in Mass Spectrometry</i> , <b>2017</b> , 31, 503-508	2.2	12
149	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> , <b>2014</b> , 47, 77-90	2.2	12
148	Hydrogenolysis of lignin-derived aryl ethers to monomers over a MOF-derived Ni/Ni catalyst. <i>Reaction Chemistry and Engineering</i> , <b>2020</b> , 5, 886-895	4.9	11
147	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> , <b>2016</b> , 6, 105780-105785	3.7	11
146	Insight into the chemical complexity of ethanolysis products from extraction residue of Zhaotong lignite. <i>Fuel</i> , <b>2016</b> , 174, 287-295	7.1	11
145	An efficient and facile synthesis of novel substituted pyrimidine derivatives: 4-amino-5-carbonitrile-2-nitroaminopyrimidine. <i>Research on Chemical Intermediates</i> , <b>2012</b> , 38, 2435-2442 <sup>2.8</sup>	2.8	11
144	A Convenient and Clean Procedure for the Synthesis of Pyran Derivatives in Aqueous Media Catalysed by Tebac. <i>Journal of Chemical Research</i> , <b>2006</b> , 2006, 228-230	0.6	11
143	Convenient synthesis of n-methylpyrrolidine-2-thione and some thioamides. <i>Korean Journal of Chemical Engineering</i> , <b>2003</b> , 20, 235-238	2.8	11
142	Investigation on the structural features of Zhundong subbituminous coal through ruthenium ion-catalyzed oxidation. <i>RSC Advances</i> , <b>2016</b> , 6, 11952-11958	3.7	11
141	A novel enzymatic biosensor for detection of intracellular hydrogen peroxide based on 1-aminopyrene and reduced graphene oxides. <i>Journal of Chemical Sciences</i> , <b>2019</b> , 131, 1	1.8	10



140	Identification of Octathiocane, Organonitrogens, and Organosulfurs in Tongchuan Shale. <i>Energy &amp; Fuels</i> , <b>2007</b> , 21, 1193-1194	4.1	10
139	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 &amp; Fuels</i> , <b>2020</b> , 34, 4799-4807	4.1	10
138	Catalytic hydroconversion of Yiwu lignite over solid superacid and solid superbase. <i>Fuel</i> , <b>2019</b> , 238, 473-482	4.1	10
137	Catalytic Hydrogenation of Levulinic Acid into Gamma-Valerolactone Over Ni/HZSM-5 Catalysts. <i>Catalysis Surveys From Asia</i> , <b>2018</b> , 22, 129-135	2.8	10
136	Insight into molecular compositions of soluble species from sequential thermal dissolution of Liuhuanggou bituminous coal and its extraction residue. <i>Fuel</i> , <b>2019</b> , 253, 762-771	7.1	9
135	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> , <b>2021</b> , 613, 118018	5.1	9
134	Characterization of condensed aromatics and heteroatomic species in Yanshan petroleum coke through ruthenium ion-catalyzed oxidation using three mass spectrometers. <i>RSC Advances</i> , <b>2016</b> , 6, 61758-61770	3.7	9
133	Evaluation of coal-related model compounds using tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2018</b> , 32, 1462-1472	2.2	9
132	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> , <b>2021</b> , 296, 120669	7.1	9
131	A recyclable and highly active magnetic solid superbase for hydrocracking CO bridged bonds in sawdust. <i>Fuel Processing Technology</i> , <b>2017</b> , 159, 396-403	7.2	8
130	An acidic ionic liquid modified microfiber attapulgite-supported nickel for catalytic hydroconversion of diarylalkanes. <i>Fuel Processing Technology</i> , <b>2017</b> , 161, 85-94	7.2	8
129	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> , <b>2019</b> , 1603, 160-164	4.5	8
128	Effect of Swelling Treatment by Organic Solvent on the Structure and Pyrolysis Performance of the Direct Coal Liquefaction Residue. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 8685-8696	4.1	8
127	Observing the structural variation of Dahuangshan lignite and four derived residues by non-destructive techniques and flash pyrolysis. <i>Fuel</i> , <b>2020</b> , 269, 117335	7.1	8
126	Practical Preparation of Trimethoprim: A Classical Antibacterial Agent. <i>Synthetic Communications</i> , <b>2013</b> , 43, 1517-1522	1.7	8
125	Hierarchical porous carbon derived from coal and biomass for high performance supercapacitors. <i>Fuel</i> , <b>2021</b> , 311, 122552	7.1	8
124	Value-added utilization of high-temperature coal tar: A review. <i>Fuel</i> , <b>2021</b> , 292, 119954	7.1	8
123	Comparison of Kinetics and Activity of Ni-Based Catalysts for Benzyl Phenyl Ether Catalytic Hydrogenolysis. <i>Energy Technology</i> , <b>2019</b> , 7, 1800694	3.5	8

- 122 A highly active bifunctional solid acid for di(1-naphthyl)methane hydroconversion. *Fuel*, **2018**, 220, 101-108 7
- 121 Compositional features of extracts from Shenmu char powder. *Journal of Fuel Chemistry and Technology*, **2016**, 44, 1-6 1.8 7
- 120 Characterization of Oxygenates, Nitrogenates, and Sulfonates in Shengli Lignite Extracts by Orbitrap Mass Spectrometry. *Analytical Letters*, **2016**, 49, 2907-2916 2.2 7
- 119 Enhanced Light Aromatic Yield from Lignite Pyrolysis by Remedying the Acid Sites of Different Hierarchical HZSM-5. *Energy & Fuels*, **2019**, 33, 12346-12352 4.1 7
- 118 Mild oxidation of Jincheng NO. 15 anthracite. *Journal of Fuel Chemistry and Technology*, **2013**, 41, 819-825 7
- 117 Effect of Ethanolysis on the Structure and Pyrolytic Reactivity of Zhaotong Lignite. *Energy & Fuels*, **2017**, 31, 10768-10774 4.1 7
- 116 Analysis of the Products from the Oxidation of Geting Bituminous Coal by Atmospheric Pressure Photoionization Mass Spectrometry. *Analytical Letters*, **2014**, 47, 958-969 2.2 7
- 115 EFFICIENT AND CONVENIENT SYNTHESIS OF 3,4,5-TRIMETHOXYBENZALDEHYDE FROM p-CRESOL. *Synthetic Communications*, **2002**, 32, 2809-2814 1.7 7
- 114 Selective hydrogenolysis of C O bonds in benzyloxybenzene and dealkaline lignin to valuable aromatics over Ni/TiN. *Fuel Processing Technology*, **2020**, 209, 106523 7.2 7
- 113 Removal of hexavalent chromium from aqueous solution by calcined Zn/Al-LDHs. *Water Science and Technology*, **2016**, 74, 229-35 2.2 7
- 112 Chitosan grafted with a heteropolyanion-based ionic liquid as an effective and reusable catalyst for acetalization. *RSC Advances*, **2016**, 6, 41404-41409 3.7 7
- 111 Study on the oxygen forms in soluble portions from thermal dissolution and alkanolyses of the extraction residue from Baiyinhua lignite. *Fuel*, **2020**, 260, 116301 7.1 7
- 110 Enhanced hydrocracking Car-Calk bridged bonds in the extraction residue from Piliqing subbituminous coal over a recyclable and active magnetic solid superacid. *Fuel Processing Technology*, **2018**, 176, 316-324 7.2 7
- 109 In-source collision activated dissociation for coal/biomass-based model compounds and structural characterization of a coal extract. *Fuel*, **2018**, 234, 1033-1043 7.1 6
- 108 Mechanical, morphological, and thermal properties of (thermoplastic polyurethane)/(chlorinated polyethylene) blends. *Journal of Vinyl and Additive Technology*, **2013**, 19, 192-197 2 6
- 107 Chemical Compositional Analysis of Catalytic Hydroconversion Products of Heishan Coal Liquefaction Residue. *International Journal of Analytical Chemistry*, **2017**, 2017, 4303596 1.4 6
- 106 Separation of acarylenes from high-temperature coal tar. *Transactions of Tianjin University*, **2012**, 18, 378-383 2.9 6
- 105 Improved Synthesis of Vitamin K1. *Synthetic Communications*, **2003**, 33, 763-772 1.7 6

104	Catalytic hydroconversion of derivatives from Naomaohu lignite over an active and recyclable bimetallic catalyst. <i>Fuel Processing Technology</i> , <b>2020</b> , 204, 106388	7.2	6
103	Effects of hydrogen and FeNi <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> on the hydroconversion of extraction residue from Geting bituminous coal in cyclohexane. <i>Fuel Processing Technology</i> , <b>2016</b> , 152, 310-315	7.2	6
102	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> , <b>2021</b> , 287, 119396	7.1	6
101	Deep catalytic hydroconversion of straw-derived bio-oil to alkanes over mesoporous zeolite Y supported nickel nanoparticles. <i>Renewable Energy</i> , <b>2021</b> , 173, 876-885	8.1	6
100	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> , <b>2019</b> , 139, 40-47	6	5
99	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> , <b>2020</b> , 8, 9464-9471	8.3	5
98	Isolation and Identification of Two Novel Condensed Aromatic Lactones from Zhundong Subbituminous Coal. <i>Energy &amp; Fuels</i> , <b>2014</b> , 28, 7394-7397	4.1	5
97	An improved synthesis of reduced 9-arylacridine-1,8-diones from 3-amino-5,5-dimethylcyclohex-2-enone, arylaldehydes and 1,3-dicarbonyl compounds in aqueous medium. <i>Journal of Chemical Research</i> , <b>2006</b> , 2006, 719-721	0.6	5
96	Sustainable Porous Carbon with High Specific Surface Area from Soybean Shell via Hydrothermal Carbonization with H <sub>3</sub> PO <sub>4</sub> for Electric Double-Layer Capacitor Applications. <i>Energy Technology</i> , <b>2020</b> , 8, 1901103	3.5	5
95	Isolation and purification of carbazole contained in anthracene slag by extraction combined with medium pressure liquid chromatography. <i>Chinese Journal of Chemical Engineering</i> , <b>2019</b> , 27, 2925-2929	3.2	5
94	Highly Selective Hydrogenation of Furfural to Furan-2-ylmethanol over Zeolitic Imidazolate Frameworks-67-Templated Magnetic Cu <sub>2</sub> O/C. <i>Catalysis Letters</i> , <b>2020</b> , 150, 178-184	2.8	5
93	Oxidative degradation of the extraction residue from a sawdust. <i>Fuel</i> , <b>2018</b> , 212, 586-592	7.1	5
92	Insight into the structural features of organic species in Fushun oil shale via thermal dissolution. <i>Chinese Journal of Chemical Engineering</i> , <b>2018</b> , 26, 2162-2168	3.2	5
91	Building Relationships between Molecular Composition of Carbon Precursor and Capacitance of a Hierarchical Porous Carbon-Based Supercapacitor. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 985-995	6.1	5
90	Application of a Dual-Solvent Method in Separating Paraffin from a Shale Oil: A Combined Experimental and DFT Study. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 17507-17513	3.9	4
89	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 &amp; Fuels</i> , <b>2019</b> , 33, 10099-10107	4.1	4
88	Catalytic hydroconversion of Yinggemajianfeng lignite over difunctional Ni-Mg <sub>2</sub> Si/Al <sub>2</sub> O <sub>3</sub> . <i>Fuel</i> , <b>2019</b> , 249, 496-502	7.1	4
87	Oxidation of Lingwu coal extraction residue in aqueous sodium hypochlorite under mild conditions. <i>Transactions of Tianjin University</i> , <b>2015</b> , 21, 19-25	2.9	4

86	Characterization of Volatiles in Coal Tar Pitch by Gas Chromatography/Mass Spectrometry and Atmospheric Pressure Solid Analysis Probe/Time of Flight-Mass Spectrometry. <i>Analytical Letters</i> , <b>2015</b> , 48, 955-965	2.2	4
85	Characterization of Extracts from Geting Bituminous Coal. <i>Analytical Letters</i> , <b>2015</b> , 48, 1494-1501	2.2	4
84	Catalytic Fast Pyrolysis of Sewage Sludge over HZSM-5: A Study of Light Aromatics, Coke, and Nitrogen Migration under Different Atmospheres. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 17537-17545	3.9	4
83	Phytic acid-doped poly(aniline-co-pyrrole) copolymers for supercapacitor electrodes applications. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 6263-6273	2.1	4
82	A new synthesis method for benzo[f]quinolin-3-carbonyl urea and thiourea derivatives in aqueous media catalyzed by TEAC. <i>Journal of Heterocyclic Chemistry</i> , <b>2007</b> , 44, 441-447	1.9	4
81	GC/MS analyses of fractionated extraction of Shenfu coal with CS <sub>2</sub> , n-hexane, benzene. <i>Science in China Series A: Mathematics</i> , <b>2008</b> , 14, 672-674		4
80	Influence of Mineral Matters on the Calorific Value of an Anthracite under Oxygen Bomb Conditions. <i>Energy &amp; Fuels</i> , <b>2004</b> , 18, 1883-1887	4.1	4
79	Nano WO <sub>3</sub> -Catalyzed One-Pot Process for Mild Oxidative Depolymerization of Lignin and its Model Compounds. <i>ChemCatChem</i> , <b>2021</b> , 13, 3836-3845	5.2	4
78	Investigation on the structural characteristics of the residues from extraction and oxidation of a sawdust. <i>Fuel</i> , <b>2020</b> , 273, 117091	7.1	4
77	Synthesis of a Novel Polycarboxylate Superplasticizer with Hyperbranched Structure. <i>ChemistrySelect</i> , <b>2018</b> , 3, 13493-13496	1.8	4
76	Fe <sub>2</sub> O <sub>3</sub> /Attapulgite-mediated reaction of benzyl chloride: Synthesis of poly(phenylene methylene). <i>Journal of Polymer Science Part A</i> , <b>2018</b> , 56, 2280-2285	2.5	4
75	Copolymer hydrogel as self-standing electrode for high performance all-hydrogel-state supercapacitor. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 16028-16043	4.3	4
74	Insights into Physicochemical Changes of Yinggemajianfeng Lignite in Co-Solvents of Ionic Liquids and Methanol. <i>Energy &amp; Fuels</i> , <b>2019</b> , 33, 2867-2871	4.1	3
73	Separation of arenols from a low-temperature coal tar by liquid-liquid extraction. <i>Korean Journal of Chemical Engineering</i> , <b>2020</b> , 37, 835-838	2.8	3
72	Comparative study on the pyrolysis behaviors of corn stalk and pine sawdust using TG-MS. <i>Transactions of Tianjin University</i> , <b>2014</b> , 20, 91-96	2.9	3
71	FACILE SYNTHESIS OF ANXIOLYTIC BUSPIRONE. <i>Organic Preparations and Procedures International</i> , <b>2008</b> , 40, 391-394	1.1	3
70	Study Demonstrating Enhanced Oxidation Stability when Arylamine Antioxidants are Combined with Organic Molybdenum Complexes. <i>Tribology Transactions</i> , <b>2007</b> , 50, 205-210	1.8	3
69	A Facile and Efficient Synthesis of Ultraviolet Absorber 3-Dihexylaminoallylidene malononitrile. <i>Synthetic Communications</i> , <b>2003</b> , 33, 367-371	1.7	3

68	Effect of Swelling with Ionic Liquid on the Molecular Structure and Pyrolysis Behavior of Hefeng Sub-bituminous Coal. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 16099-16108	4.1	3
67	Carbon Dots Derived from Facile Tailoring of Shaerhu Lignite as a Novel Fluorescence Sensor with High-Selectivity and Sensitivity for Cu <sup>2+</sup> Detection. <i>ChemistrySelect</i> , <b>2020</b> , 5, 12125-12130	1.8	3
66	Investigation on the Structural Features of Hanglaiwan Subbituminous Coal and Its Residues from Solvent Extraction and Thermal Dissolution. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 15870-15877	4.1	3
65	A Novel Evaluation Method Developed for the Denitrogenation and Deoxygenation on Molecules in Coal during Catalytic Treatments. <i>ChemistrySelect</i> , <b>2019</b> , 4, 13582-13588	1.8	3
64	Two-Step Catalytic Degradations of Dahuangshan Lignite and Directional Upgrading of the Resulting Petroleum Ether-Extractable Portions. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 5457-5465	4.1	3
63	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> , <b>2021</b> , 410, 124648	12.8	3
62	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> , <b>2021</b> , 56, 16591-16601	4.3	3
61	Deep hydroconversion of ethanol-soluble portion from the ethanolsis of Hecaogou subbituminous coal to ultra-clean liquid fuel over hierarchical porous zeolite Y supported Ni <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Journal of the Energy Institute</i> , <b>2021</b> , 99, 88-96	5.7	3
60	Interface modification based on MnO <sub>2</sub> @N-doped activated carbon composites for flexible solid-state asymmetric supercapacitors. <i>Energy</i> , <b>2022</b> , 249, 123659	7.9	3
59	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> , <b>2019</b> , 33, 1107-1113	2.2	2
58	Catalytic Hydroconversion of a High-Temperature Coal Tar over Two Attapulgit Powder-Supported Nickel Catalysts. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 1288-1296	4.1	2
57	Investigation on Naphthalene and Its Derivatives-Based Microporous Organic Hyper-Cross-Linked Polymers via Different Methodologies. <i>Macromolecular Chemistry and Physics</i> , <b>2020</b> , 221, 1900302	2.6	2
56	Effects of reaction conditions on catalytic hydroconversion of phenethoxybenzene over bifunctional Ni/H <sub>2</sub> Asia-Pacific <i>Journal of Chemical Engineering</i> , <b>2018</b> , 13, e2228	1.3	2
55	Rapid analysis of carboxylic acids and esters with a direct analysis in real time ion source. <i>Rapid Communications in Mass Spectrometry</i> , <b>2018</b> , 32, 1521-1528	2.2	2
54	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> , <b>2019</b> , 127, 105288	5.3	2
53	An efficient and convenient one-pot multicomponent synthesis of novel pyrimidine derivatives: N-(4-aryl-6-(pyridin-2-yl)pyrimidin-2-yl)cyanamides. <i>Research on Chemical Intermediates</i> , <b>2013</b> , 39, 1907-1916	2.8	2
52	Detailed Componential Characterization of Extractable Species with Organic Solvents from Wheat Straw. <i>International Journal of Analytical Chemistry</i> , <b>2017</b> , 2017, 7305682	1.4	2
51	Conversion of Dagang Vacuum Residue into Oxygen-Containing Organic Compounds by Photo-Oxidation with H <sub>2</sub> O <sub>2</sub> over TiO <sub>2</sub> . <i>International Journal of Photoenergy</i> , <b>2011</b> , 2011, 1-9	2.1	2

50	The hydrogen bonding in 2-amino-3-cyano-4-(3-nitrophenyl)-4,6-dihydro-5H-pyrano[3,2-c]quinolin-5-one N,N-dimethylformamide solvate monohydrate. <i>Journal of Chemical Crystallography</i> , <b>2006</b> , 36, 697-701	0.5	2
49	The structure of 2-amino-3-cyano-4-(4-methylphenyl)-6-methoxyl-1,4,9,10-tetrahydrobenzo[f]chromene. <i>Journal of Chemical Crystallography</i> , <b>2005</b> , 35, 243-247	0.5	2
48	Unclassical hydrogen bonds of C-H...O and C-H...N in the crystals of 2-amino-3-cyano-4-(3,4-dichlorophenyl)-5-oxo-1,4,5,6-tetrahydro-4H-pyrano[2,3-d]pyrimidine. <i>Journal of Chemical Crystallography</i> , <b>2005</b> , 35, 999-1004	0.5	2
47	Fabrication of N/O self-doped hierarchical porous carbons derived from modified coal tar pitch for high-performance supercapacitors. <i>Fuel</i> , <b>2021</b> , 122418	7.1	2
46	Characterization of Oxygen-Containing Aromatics in a Low-Temperature Coal Tar. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 283-289	4.1	2
45	Production of Benzenecarboxylic Acids from Geting Bituminous Coal through Oxidation with NaOCl Enhanced by Pretreatment with H <sub>2</sub> O <sub>2</sub> . <i>ChemistrySelect</i> , <b>2020</b> , 5, 8380-8385	1.8	2
44	Effect of Swelling by Organic Solvent on Structure, Pyrolysis, and Methanol Extraction Performance of Hefeng Bituminous Coal. <i>ACS Omega</i> , <b>2021</b> , 6, 14765-14773	3.9	2
43	Preparation of Co-Mo/Al <sub>2</sub> O <sub>3</sub> catalyst and the catalytic hydrogenation effects on coal-related model compounds. <i>Journal of the Energy Institute</i> , <b>2021</b> , 96, 52-60	5.7	2
42	Characterization of Oxygenates in Zhundong Subbituminous Coal by Gas Chromatography/Mass Spectrometry. <i>Analytical Letters</i> , <b>2016</b> , 49, 1359-1365	2.2	2
41	A three-step dissociation method for converting Xiaolongtan lignite into soluble organic compounds: Insights into chemicals, geochemical clues, and structural characteristics. <i>Fuel</i> , <b>2019</b> , 242, 883-892	7.1	2
40	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> , <b>2020</b> , 11, 4429-4440	2.2	2
39	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> , <b>2021</b> , 300, 120942	7.1	2
38	One-pot Facile Synthesis of Multifunctional Conjugated Microporous Polymers via Suzuki-Miyaura Coupling Reaction. <i>ChemistrySelect</i> , <b>2020</b> , 5, 1410-1415	1.8	2
37	Catalytic Hydroconversion of Runbei Lignite over a Highly Active Solid Superacid. <i>ChemistrySelect</i> , <b>2020</b> , 5, 6646-6651	1.8	1
36	Directional Catalytic Hydroconversion of Oxybis (methylene)dibenzene and an Extract from Piliqing Subbituminous Coal over a Magnetic Difunctional Solid Superbase. <i>ChemistrySelect</i> , <b>2020</b> , 5, 1130-1134	1.8	1
35	Synthesis of Nano-Sized Zirconia Ceramics via a Preceramic Polymer Method. <i>Refractories and Industrial Ceramics</i> , <b>2014</b> , 55, 63-66	1.1	1
34	GC/MS analyses of fractionated extraction of Yima coal with CS <sub>2</sub> , petroleum ether, benzene <b>2011</b> ,		1
33	A study on the catalytic performance of Pd/Al <sub>2</sub> O <sub>3</sub> , prepared by microwave calcination, in the direct synthesis of dimethylether. <i>Frontiers of Chemical Engineering in China</i> , <b>2010</b> , 4, 452-456		1

32	SOLID-PHASE SYNTHESIS OF DIFLUOROBENZIMIDAZOLES AND DIFLUORO-2-QUINOXALINOLS. <i>Organic Preparations and Procedures International</i> , <b>2007</b> , 39, 591-602	1.1	1
31	ALTERNATIVE SYNTHESIS OF N,N?-DJPHENYLTHIOUREA AND ITS ANALYSIS BY LC-MS. <i>Organic Preparations and Procedures International</i> , <b>2003</b> , 35, 409-411	1.1	1
30	Functional Group Characteristics and Pyrolysis/Combustion Performance of Karamay OS Based on FT-IR and TG-DTG Analyses. <i>ACS Omega</i> , <b>2021</b> , 6, 27684-27696	3.9	1
29	Investigation on the structural features of Hecaogou subbituminous coal and its residues by multiple technical strategies. <i>Fuel</i> , <b>2022</b> , 309, 122111	7.1	1
28	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> , <b>2020</b> , 146, 104695	6	1
27	Synthesis of poly(phenylene methylenes) via a AlCl <sub>3</sub> -mediated Friedel-Craft alkylation of multi-substituted benzyl bromide with benzene. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 48779	2.9	1
26	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> , <b>2020</b> , 34, e8887	2.2	1
25	Catalytic Upgrading of Lignite Pyrolysis Volatiles over AlF <sub>3</sub> -Modified HZSM-5 to Light Aromatics: Synergistic Effects of One-Step Dealumination and Realumination. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 12056-12064	4.1	1
24	Solvent Effect on the Hydroconversion of Lignin-Related Model Compounds over MoO <sub>3</sub> . <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 12142-12150	4.1	1
23	A self-healing hydrogel electrolyte towards all-in-one flexible supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 20445-20460	2.1	1
22	Effective Separation of Condensed Arenes from High-Temperature Coal Tar and Insight into Related Intermolecular Interactions. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 4267-4272	4.1	1
21	Investigation on the composition of soluble portions from the extraction residue of Hanglaiwan subbituminous coal by thermal dissolution and alkanolyses. <i>Fuel</i> , <b>2021</b> , 306, 121747	7.1	1
20	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> , <b>2022</b> , 7, 8547-8557	3.9	1
19	Catalytic Degradation and Directional Upgrading of Zhunnan Lignite: Double Constraint of Active Hydrogen and Effective Acquisition of Derived Arenes over Nickel Ferrite. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 19943-19952	4.1	1
18	Synthesis of 5,7-Diarylpyrido[2,3-d]Pyrimidine Derivatives catalysed by Kf-Alumina. <i>Journal of Chemical Research</i> , <b>2006</b> , 2006, 440-442	0.6	0
17	Optimization of Extraction Technology, Structure, and Antioxidant Activity of Polysaccharide from <i>Grifola frondosa</i> . <i>Starch/Staerke</i> , <b>2021</b> , 73, 2000200	2.3	0
16	Selective enrichment of carbazole from an anthracene slag by extraction: Experiment and simulation. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 341, 117382	6	0
15	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 &amp; Engineering Chemistry Research</i> , <b>2022</b> , 61, 4481-4492	3.9	0

14	Advances in mild degradation and directional upgrading of lignites: From feature identification to value-added utilization. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2022</b> , 163, 105477	6	o
13	Promotional effect of metallic Co and Fe on Ni-based catalysts for p-cresol deoxygenation. <i>Fuel</i> , <b>2022</b> , 321, 124033	7.1	o
12	Alcoholysis of Linfen bituminous coal: effect of temperature and solvent. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , <b>2020</b> , 1-11	1.6	
11	Solubility of a Russia vacuum residue and group composition of the soluble fractions in different solvents. <i>Petroleum Science and Technology</i> , <b>2018</b> , 36, 1427-1431	1.4	
10	Preparation and characterization of cationic PLGA-PEGLf/DOPE nanoparticles for HO-1 gene delivery. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2012</b> , 27, 217-221	1	
9	Studies on Copper(II) Perchlorate Complex with Tripod Ligand Tris(2-benzimidazolymethyl)amine. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2010</b> , 40, 821-825		
8	Synthesis, Crystal Structure, and Properties of a Novel Copper(II) Complex with the Tripod Ligand Tris(2-benzimidazolymethyl)amine. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2010</b> , 40, 563-568		
7	Crystal Structure of 7-(4-Fluorophenyl)-5,6,7,14-tetrahydroquinolino[4,3-b]-benzo[f]quinolin-6-one N,N-Dimethylformamide Solvate. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , <b>2006</b> , 22, X125-X126		
6	The crystal structure and unclassical pyran conformation of 2-amino-7-methyl-4-(3-nitrophenyl)-5-oxo-4H,5H-pyran [4,3-b]pyran-3-carbonitrile. <i>Journal of Chemical Research</i> , <b>2005</b> , 2005, 775-777	0.6	
5	Insight into a stepped fragmentation of coal-related model compounds using a tandem Orbitrap mass spectrometer. <i>Microchemical Journal</i> , <b>2022</b> , 174, 107056	4.8	
4	Insight into molecular characteristics of a Chinese coal via separation, characterization, and data processing. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 839-846	3-4	
3	Evaluation of catalytic deoxygenation of soluble species from a coal using mass spectrometers. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , <b>2021</b> , 43, 1363-1372	1.6	
2	Molecular Characteristics of Shenfu Coal Characterized by Mass Spectrometers with Three Ion Sources. <i>ChemistrySelect</i> , <b>2018</b> , 3, 10383-10387	1.8	
1	Comprehensive investigation of the mechanisms for pyrolyzing macromolecular networks in Hecaogou subbituminous coal by comparing the ethanolysis and flash pyrolysis. <i>Fuel</i> , <b>2022</b> , 324, 124619 <sup>7.1</sup>		