Yu-Gao Wang

List of Publications by Year
in descending order

47 papers	1,338 citations	279798 23 h-index	345221 36 g-index
47 all docs	47 docs citations	47 times ranked	687 citing authors

#	Article	IF	Citations
1	Investigation on structural features of Shengli lignite through oxidation under mild conditions. Fuel, 2013, 109, 316-324.	6.4	106
2	Advances in Lignite Extraction and Conversion under Mild Conditions. Energy & Fuels, 2015, 29, 6869-6886.	5.1	83
3	Oxidation of Shengli lignite with aqueous sodium hypochlorite promoted by pretreatment with aqueous hydrogen peroxide. Fuel, 2013, 111, 211-215.	6.4	74
4	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. Energy & Fuels, 2014, 28, 5596-5605.	5.1	69
5	Characterizations of the Extracts from Geting Bituminous Coal by Spectrometries. Energy & Fuels, 2013, 27, 3709-3717.	5.1	64
6	Characterization of Biomarkers and Structural Features of Condensed Aromatics in Xianfeng Lignite. Energy & Fuels, 2013, 27, 7369-7378.	5.1	60
7	Insight into the structural features of macromolecular aromatic species in Huolinguole lignite through ruthenium ion-catalyzed oxidation. Fuel, 2014, 128, 231-239.	6.4	56
8	Structural Characterization of Typical Organic Species in Jincheng No. 15 Anthracite. Energy & Fuels, 2015, 29, 595-601.	5.1	53
9	Characterization of acidic species in ethanol-soluble portion from Zhaotong lignite ethanolysis by negative-ion electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. Fuel Processing Technology, 2014, 128, 297-302.	7.2	50
10	Structural evaluation of Xiaolongtan lignite by direct characterization and pyrolytic analysis. Fuel Processing Technology, 2016, 144, 248-254.	7.2	50
11	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
12	Mild oxidation of Xiaolongtan lignite in aqueous hydrogen peroxideâ€“acetic anhydride. Fuel, 2015, 142, 268-273.	6.4	47
13	Structural Features of Extraction Residues from Supercritical Methanolysis of Two Chinese Lignites. Energy & Fuels, 2013, 27, 4632-4638.	5.1	45
14	Sequential oxidation of Jincheng No. 15 anthracite with aqueous sodium hypochlorite. Fuel Processing Technology, 2014, 125, 182-189.	7.2	44
15	Evaluation of atmospheric solids analysis probe mass spectrometry for the analysis of coal-related model compounds. Fuel, 2014, 117, 556-563.	6.4	39
16	Characterization of basic heteroatom-containing organic compounds in liquefaction residue from Shenmuâ€“Fugu subbituminous coal by positive-ion electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. Fuel Processing Technology, 2015, 132, 91-98.	7.2	37
17	Solvent extracting coal gasification tar residue and the extracts characterization. Journal of Cleaner Production, 2016, 133, 965-970.	9.3	33
18	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. RSC Advances, 2015, 5, 7125-7130.	3.6	32

#	Article	IF	Citations
19	Sequential extraction and characterization of liquefaction residue from Shenmuâ€“Fugu subbituminous coal. Fuel Processing Technology, 2015, 136, 1-7.	7.2	30
20	Insight into aromatic structures of a middle-temperature coal tar pitch by direct characterization and ruthenium ion-catalyzed oxidation. Fuel, 2019, 241, 1164-1171.	6.4	30
21	Sequential thermal dissolution and alkanolyses of extraction residue from Xinghe lignite. Fuel Processing Technology, 2017, 167, 425-430.	7.2	28
22	Methanolysis of extraction residue from Xianfeng lignite with NaOH and product characterizations with different spectrometries. Fuel Processing Technology, 2015, 136, 8-16.	7.2	25
23	Nitrogen-doped porous carbon foams prepared from mesophase pitch through graphitic carbon nitride nanosheet templates. RSC Advances, 2015, 5, 45718-45724.	3.6	23
24	Structural features of liquefaction residue from Shenmu-Fugu subbituminous coal. Fuel, 2019, 242, 819-827.	6.4	23
25	Analysis of some coal-related model compounds and coal derivates with atmospheric solids analysis probe mass spectrometer. Fuel, 2014, 128, 302-313.	6.4	16
26	Extraction of direct coal liquefaction residue using dipropylamine as a CO 2 -triggered switchable solvent. Fuel Processing Technology, 2017, 159, 27-30.	7.2	16
27	Removal of phenol by powdered activated carbon prepared from coal gasification tar residue. Environmental Technology (United Kingdom), 2018, 39, 694-701.	2.2	15
28	Mild oxidation of Jincheng NO. 15 anthracite. Journal of Fuel Chemistry and Technology, 2013, 41, 819-825.	2.0	13
29	Modification of coal-tar pitch with 10-Undecenal to reduce the content of environmental pollutants of polycyclic aromatic hydrocarbons. Journal of Cleaner Production, 2018, 172, 2544-2552.	9.3	13
30	Oxidation of Shenmu char powder with aqueous hydrogen peroxideâ€“acetic anhydride. Fuel Processing Technology, 2015, 136, 56-63.	7.2	12
31	Characterization of a Chinese lignite and the corresponding derivatives using direct analysis in real time quadrupole time-of-flight mass spectrometry. RSC Advances, 2016, 6, 105780-105785.	3.6	12
32	Formation of benzene polycarboxylic acids using alkaliâ€oxygen oxidation of coal-tar pitch pre-treated by extraction and air-blowing. Fuel Processing Technology, 2019, 185, 100-105.	7.2	12
33	Mechanism analysis for supercritical ethanolysis of Huolinguole lignite. Journal of Fuel Chemistry and Technology, 2012, 40, 263-266.	2.0	10
34	Enrichment and Identification of Condensed Aromatics in a Bio-oil from Degraded Wheat Stalk in Supercritical Ethanol. Energy & Fuels, 2013, 27, 596-598.	5.1	10
35	A sustainable and green route to furan-2,5-dicarboxylic acid by direct carboxylation of 2-furoic acid and CO2. Journal of CO2 Utilization, 2021, 48, 101524.	6.8	10
36	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

#	Article	IF	Citations
37	Structural Evaluation of Coal Tar Pitch by Multiple Techniques. Petroleum Chemistry, 2021, 61, 52-59.	1.4	8
38	Detoxification modification of coal-tar pitch by ultraviolet & microwave radiation-enhanced chemical reaction and toxicity evaluation by chemical index and cytotoxicity assay in vitro. Journal of Hazardous Materials, 2021, 410, 124648.	12.4	8
39	Compositional features of extracts from Shenmu char powder. Journal of Fuel Chemistry and Technology, 2016, 44, 1-6.	2.0	7
40	Insight into structural feature of the extraction residue from Shenmu coal char powder. Fuel Processing Technology, 2016, 150, 23-29.	7.2	4
41	Insight into Relationship between Thermal Dissolution of Low-Rank Coals and Their Subsequent Oxidative Depolymerization. Energies, 2022, 15, 32.	3.1	4
42	Effect of pyrolysis on Zhaotong lignite oxidation with aqueous sodium hypochlorite. Carbon Resources Conversion, 2021, 4, 1-9.	5.9	3
43	Rapid analysis of carboxylic acids and esters with a direct analysis in real time ion source. Rapid Communications in Mass Spectrometry, 2018, 32, 1521-1528.	1.5	2
44	Characterization on the ultraclean carbons extracted from direct coal liquefaction residue using petroleum ether. Separation Science and Technology, 2021, 56, 2587-2595.	2.5	2
45	Production of benzenepolycarboxylic acids by oxidation of pre-pyrolyzed Shengli lignite. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 1359-1365.	2.3	1
46	Bioliquefaction of the extracts from Shengli lignite. Fuel, 2018, 219, 340-343.	6.4	1
47	Conversion of Organic Matter in Coal by Photocatalytic Oxidation with H₂O₂ over SFC/TiO₂ in Isolated Oxygen System. Journal of Chemistry, 2019, 2019, 1-12.	1.9	0