

Sheng-Kang Wang

List of Publications by Year in descending order

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papers

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27
times ranked

386
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight into a stepped fragmentation of coal-related model compounds using a tandem Orbitrap mass spectrometer. <i>Microchemical Journal</i> , 2022, 174, 107056.	2.3	0
2	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.	3.4	11
3	Production of benzenecarboxylic acids from two typical Chinese subbituminous coals by oxidation in aqueous sodium hypochlorite solution and insights into structural characteristics. <i>Fuel</i> , 2019, 247, 386-394.	3.4	14
4	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.	3.4	31
5	Tandem mass spectrometric evaluation of core structures of aromatic compounds after catalytic deoxygenation. <i>Fuel Processing Technology</i> , 2018, 176, 119-123.	3.7	40
6	Evaluation of coal-related model compounds using tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1462-1472.	0.7	10
7	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.	0.7	2
8	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.	3.4	13
9	Application of mass spectrometry in the characterization of chemicals in coal-derived liquids. <i>Mass Spectrometry Reviews</i> , 2017, 36, 543-579.	2.8	39
10	Analysis of soluble components in coals and interpretations for the complex mass spectra. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 503-508.	0.7	13
11	Characterization of the oxidation products of Shengli lignite using mass spectrometers with "hard", "soft" and ambient ion sources. <i>Fuel</i> , 2016, 183, 115-122.	3.4	35
12	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.	1.7	12
13	Compositional features of extracts from Shenmu char powder. <i>Journal of Fuel Chemistry and Technology</i> , 2016, 44, 1-6.	0.9	7
14	Mild oxidation of Xiaolongtan lignite in aqueous hydrogen peroxide/acetic anhydride. <i>Fuel</i> , 2015, 142, 268-273.	3.4	47
15	Methanolysis of extraction residue from Xianfeng lignite with NaOH and product characterizations with different spectrometries. <i>Fuel Processing Technology</i> , 2015, 136, 8-16.	3.7	25
16	Advances in Lignite Extraction and Conversion under Mild Conditions. <i>Energy & Fuels</i> , 2015, 29, 6869-6886.	2.5	83
17	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.	1.0	13
18	Analysis of Geting Bituminous Coal by Electrospray Ionization and Direct Analysis in Real Time Mass Spectrometry. <i>Analytical Letters</i> , 2014, 47, 2012-2022.	1.0	22

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19	Evaluation of atmospheric solids analysis probe mass spectrometry for the analysis of coal-related model compounds. <i>Fuel</i> , 2014, 117, 556-563.	3.4	39
20	Analysis of some coal-related model compounds and coal derivatives with atmospheric solids analysis probe mass spectrometer. <i>Fuel</i> , 2014, 128, 302-313.	3.4	16
21	Sequential oxidation of Jincheng No. 15 anthracite with aqueous sodium hypochlorite. <i>Fuel Processing Technology</i> , 2014, 125, 182-189.	3.7	44
22	Insight into the structural features of macromolecular aromatic species in Huolinguole lignite through ruthenium ion-catalyzed oxidation. <i>Fuel</i> , 2014, 128, 231-239.	3.4	56
23	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.	3.7	34
24	Investigation on structural features of Shengli lignite through oxidation under mild conditions. <i>Fuel</i> , 2013, 109, 316-324.	3.4	106
25	Investigation on the macromolecular network structure of Xianfeng lignite by a new two-step depolymerization. <i>Fuel</i> , 2013, 109, 49-53.	3.4	56
26	Characterizations of the Extracts from Geting Bituminous Coal by Spectrometries. <i>Energy & Fuels</i> , 2013, 27, 3709-3717.	2.5	64
27	Structural Features of Extraction Residues from Supercritical Methanolysis of Two Chinese Lignites. <i>Energy & Fuels</i> , 2013, 27, 4632-4638.	2.5	45