Shaoqing Wang

List of Publications by Year
in descending order

21 papers	621 citations	687363 13 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	583 citing authors

#	Article	IF	Citations
1	Quantifying orientation and curvature in HRTEM lattice fringe micrographs of naturally thermally altered coals: New insights from a structural evolution perspective. Fuel, 2022, 309, 122180.	6.4	16
2	Aromatic Structural Characterization of Different-Rank Vitrinites: Using HRTEM, XRD and AFM. Polycyclic Aromatic Compounds, 2021, 41, 1319-1330.	2.6	10
3	A study of chemical structural evolution of thermally altered coal and its effect on graphitization. Fuel, 2021, 283, 119295.	6.4	14
4	Petrologic Characteristics and Chemical Structures of Macerals in a Suite of Thermally Altered Coals by Confocal Raman. ACS Omega, 2021, 6, 33409-33418.	3.5	2
5	Transformation of aromatic structure of vitrinite with different coal ranks by HRTEM in situ heating. Fuel, 2020, 260, 116309.	6.4	24
6	Clean coal geology in China: Research advanceÂand its future. International Journal of Coal Science and Technology, 2020, 7, 299-310.	6.0	28
7	Research progress and prospects of coal petrology and coal quality in China. International Journal of Coal Science and Technology, 2020, 7, 273-287.	6.0	20
8	Organic geochemical characteristics of bark coal in Changguang area: evidence from aromatic hydrocarbons. International Journal of Coal Science and Technology, 2020, 7, 288-298.	6.0	2
9	Hydrocarbon-generated potential of bark coal components from Southern China. Journal of Thermal Analysis and Calorimetry, 2019, 135, 3297-3302.	3.6	2
10	Changes and Distribution of Modes of Occurrence of Seventeen Potentially-Hazardous Trace Elements during Entrained Flow Gasification of Coals from Ningdong, China. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377	2.0	17
11	Structural Transformations of Coal Components upon Heat Treatment and Explanation on Their Abnormal Thermal Behaviors. Energy & Fuels, 2017, 31, 11587-11593.	5.1	10
12	Investigation of coal components of Late Permian different ranks bark coal using AFM and Micro-FTIR. Fuel, 2017, 187, 51-57.	6.4	44
13	Application and thermal properties of hydrogen-rich bark coal. Fuel, 2015, 162, 121-127.	6.4	14
14	Chemical compositional and structural characteristics of Late Permian bark coals from Southern China. Fuel, 2014, 126, 116-121.	6.4	14
15	Evolved gas analysis of coal-derived pyrite/marcasite. Journal of Thermal Analysis and Calorimetry, 2014, 116, 887-894.	3.6	14
16	Raman spectroscopy of coal component of Late Permian coals from Southern China. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 132, 767-770.	3.9	23
17	FTIR and simultaneous TG/MS/FTIR study of Late Permian coals from Southern China. Journal of Analytical and Applied Pyrolysis, 2013, 100, 75-80.	5.5	137
18	FTIR and ¹³C NMR Investigation of Coal Component of Late Permian Coals from Southern China. Energy & Fuels, 2011, 25, 5672-5677.	5.1	179

#	Article	IF	Citations
19	A thermal behavior study of Chinese coals with high hydrogen content. International Journal of Coal Geology, 2010, 81, 37-44.	5.0	39
20	Characteristics of Hydrogenâ€rich Coals in Southern China: Implication from Organic Geochemistry and Carbon Isotopic Compositions. Acta Geologica Sinica, 0, , .	1.4	3
21	Molecular Modeling and Reactivity of Thermally Altered Coals by Molecular Simulation Techniques. Energy & Fuels, 0, , .	5.1	10