

Jie Zhu

List of Publications by Year in descending order

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papers

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1163117

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11
times ranked

365
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#	ARTICLE	IF	CITATIONS
1	Pore Structure Characterization of Coal by Synchrotron Small-Angle X-ray Scattering and Transmission Electron Microscopy. <i>Energy & Fuels</i> , 2014, 28, 3704-3711.	5.1	160
2	Numerical Investigation of the Dynamic Mechanical State of a Coal Pillar During Longwall Mining Panel Extraction. <i>Rock Mechanics and Rock Engineering</i> , 2013, 46, 1211-1221.	5.4	107
3	Pore size distributions and pore multifractal characteristics of medium and low-rank coals. <i>Scientific Reports</i> , 2020, 10, 22353.	3.3	21
4	Two-Phase Flow Model of Coalbed Methane Extraction with Different Permeability Evolutions for Hydraulic Fractures and Coal Reservoirs. <i>Energy & Fuels</i> , 2021, 35, 9278-9293.	5.1	13
5	A Coal Permeability Model with Variable Fracture Compressibility Considering Triaxial Strain Condition. <i>Natural Resources Research</i> , 2021, 30, 1577-1595.	4.7	13
6	Compressibility and fractal dimension analysis in the bituminous coal specimens. <i>AIP Advances</i> , 2018, 8, .	1.3	12
7	Coal pore characteristics in different coal mine dynamic disasters. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	11
8	Surface fractal dimensions as a characterization parameter for methane adsorption-induced coal strains. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	9
9	The effect of adsorption-induced swelling on porosity based on the transient coal swelling model. <i>AIP Advances</i> , 2019, 9, 035229.	1.3	5
10	The effect of carbon dioxide treatment on micro-crack propagation of bituminous coals. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2020, 6, 1.	2.9	3
11	Pore Size Distribution, Compressibility, and Strain Kinetics upon Exposure to Methane of Four Bituminous Coal Specimens from Kaiping Basin, China. <i>Journal of Testing and Evaluation</i> , 2020, 48, 568-583.	0.7	0