

Guanwen Lu

List of Publications by Year in descending order

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11
papers

316
citations

1040056

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h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of pore structure and surface free energy on the contents of adsorbed and free methane in tectonically deformed coal. <i>Fuel</i> , 2021, 285, 119087.	6.4	19
2	Effects of nano-pore and macromolecule structure of coal samples on energy parameters variation during methane adsorption under different temperature and pressure. <i>Fuel</i> , 2021, 289, 119804.	6.4	37
3	Multifractal Behavior of the Micro- and Mesopore Structures of Brittle Tectonically Deformed Coals and Its Influence on Methane Adsorption Capacity. <i>Energy & Fuels</i> , 2021, 35, 3042-3064.	5.1	12
4	Volume and Surface Distribution Heterogeneity of Nano-pore in Coal Samples by CO ₂ and N ₂ Adsorption Experiments. <i>Acta Geologica Sinica</i> , 2020, 94, 1662-1675.	1.4	5
5	Study on desorption and diffusion dynamics of coal reservoir through step-by-step depressurization simulation—an experimental simulation study based on LF-NMR technology. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 75, 103149.	4.4	17
6	Impacting Factors, Dynamic Process, and Correction of Adsorption Reduction in Shale Reservoir: A Case Study on Shale Samples from the Western Guizhou. <i>ACS Omega</i> , 2020, 5, 14597-14610.	3.5	1
7	Structural and fractal characterization of adsorption pores of middle-high rank coal reservoirs in western Yunnan and eastern Guizhou: An experimental study of coals from the Panguan syncline and Laochang anticline. <i>Energy Exploration and Exploitation</i> , 2019, 37, 251-272.	2.3	27
8	Variation of Surface Free Energy in the Process of Methane Adsorption in the Nanopores of Tectonically Deformed Coals: A Case Study of Middle-Rank Tectonically Deformed Coals in the Huaibei Coalfield. <i>Energy & Fuels</i> , 2019, 33, 7155-7165.	5.1	15
9	Stress sensitivity characterization and heterogeneous variation of the pore-fracture system in middle-high rank coals reservoir based on NMR experiments. <i>Fuel</i> , 2019, 238, 331-344.	6.4	110
10	Methane Adsorption Characteristics and Adsorption Model Applicability of Tectonically Deformed Coals in the Huaibei Coalfield. <i>Energy & Fuels</i> , 2018, 32, 7485-7496.	5.1	16
11	Pore fractal model applicability and fractal characteristics of seepage and adsorption pores in middle rank tectonic deformed coals from the Huaibei coal field. <i>Journal of Petroleum Science and Engineering</i> , 2018, 171, 808-817.	4.2	57