

# Xin Li

## List of Publications by Year in descending order

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17  
papers

272  
citations

1040056

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940533

16  
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17  
docs citations

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times ranked

226  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methane Adsorption Characteristics and Adsorbed Gas Content of Low-Rank Coal in China. <i>Energy &amp; Fuels</i> , 2016, 30, 3840-3848.	5.1	48
2	Stress sensitivity of medium- and high volatile bituminous coal: An experimental study based on nuclear magnetic resonance and permeability-porosity tests. <i>Journal of Petroleum Science and Engineering</i> , 2019, 172, 889-910.	4.2	44
3	Coalbed methane accumulation and dissipation patterns: A Case study of the Junggar Basin, NW China. <i>Journal of Asian Earth Sciences</i> , 2018, 160, 13-26.	2.3	36
4	Nitrogen injection to enhance methane and water production: An experimental study using the LF-NMR relaxation method. <i>International Journal of Coal Geology</i> , 2019, 211, 103228.	5.0	34
5	Retained water content after nitrogen driving water on flooding saturated high volatile bituminous coal using low-field nuclear magnetic resonance. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 57, 189-202.	4.4	25
6	Research on sequence stratigraphy, hydrogeological units and commingled drainage associated with coalbed methane production: a case study in Zhuzang syncline of Guizhou province, China. <i>Hydrogeology Journal</i> , 2016, 24, 2171-2187.	2.1	19
7	Heterogeneities of seepage pore and fracture of high volatile bituminous coal core: Implications on water invasion degree. <i>Journal of Petroleum Science and Engineering</i> , 2019, 183, 106409.	4.2	14
8	A numerical simulation study on the characteristics of the gas production profile and its formation mechanisms for different dip angles in coal reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2019, 181, 106198.	4.2	11
9	Influence of paleo-Trade Winds on facies patterns of the Cambrian Shanganning Carbonate Platform, North China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 552, 109556.	2.3	11
10	Pore size distribution of high volatile bituminous coal of the southern Junggar Basin: a full-scale characterization applying multiple methods. <i>Frontiers of Earth Science</i> , 2021, 15, 237-255.	2.1	6
11	Permeability Loss of Bituminous Coal Induced by Water and Salinity Sensitivities: Implications of Minerals' Occurrence and Pore Structure Complexity. <i>ACS Omega</i> , 2022, 7, 3522-3539.	3.5	6
12	Permeability variations of lignite and bituminous coals under elevated pyrolysis temperatures (35-600°C): An experimental study. <i>Energy</i> , 2022, 254, 124187.	8.8	6
13	Evolution of Production and Transport Characteristics of Steeply-Dipping Ultra-Thick Coalbed Methane Reservoirs. <i>Energies</i> , 2020, 13, 5081.	3.1	5
14	Mechanism of Increasing the Permeability of Water-Bearing Coal Rock by Microwave Steam Explosion. <i>Geofluids</i> , 2021, 2021, 1-13.	0.7	4
15	Characteristics of the physical parameters and the evolution law of anthracite around the coalification jump: A case of the Jincheng and Guxu mining area, China. <i>Energy Exploration and Exploitation</i> , 2019, 37, 1205-1226.	2.3	2
16	Depositional environment and pore structure of mixed lithofacies shale of the Longmaxi Formation in the DM Block, the Southern Sichuan Basin, China. <i>Energy Exploration and Exploitation</i> , 2020, 38, 629-653.	2.3	1
17	Enhancement of Coal Permeability Using Aqueous NaCl with Microwave Irradiation. <i>Geofluids</i> , 2022, 2022, 1-14.	0.7	0