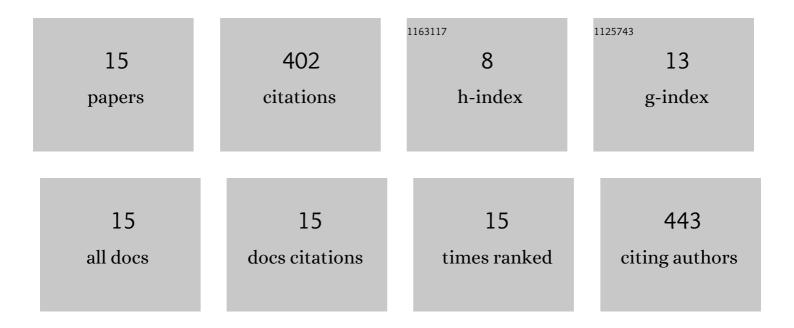
Liang Zhang

List of Publications by Year in descending order

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LIANC ZHANC

#	Article	IF	CITATIONS
1	Development of the use of sulfo- and ferroaluminate cements in China. Advances in Cement Research, 1999, 11, 15-21.	1.6	156
2	The use of AFM in quantitative analysis of pore characteristics in coal and coal-bearing shale. Marine and Petroleum Geology, 2019, 105, 331-337.	3.3	103
3	Mechanical behaviour of Longmaxi black shale saturated with different fluids: an experimental study. RSC Advances, 2017, 7, 42946-42955.	3.6	50
4	Creep characteristics and constitutive model of coal under triaxial stress and gas pressure. Energy Science and Engineering, 2020, 8, 501-514.	4.0	15
5	Fully Coupled Multi-Scale Model for Gas Extraction from Coal Seam Stimulated by Directional Hydraulic Fracturing. Applied Sciences (Switzerland), 2019, 9, 4720.	2.5	10
6	Experimental study on gas adsorption and drainage of gas-bearing coal subjected to tree-type hydraulic fracturing. Energy Reports, 2022, 8, 649-660.	5.1	10
7	Experimental research on desorption characteristics of gas-bearing coal subjected to mechanical vibration. Energy Exploration and Exploitation, 2020, 38, 1454-1466.	2.3	9
8	Development potential evaluation of CO ₂ â€ECBM in abandoned coal mines. , 2020, 10, 643-658.		9
9	Tree-Type Boreholes in Coal Mines for Enhancing Permeability and Methane Drainage: Theory and an Industrial-Scale Field Trial. Natural Resources Research, 2020, 29, 3197-3213.	4.7	9
10	Permeability Enhancement and Methane Drainage Capacity of Tree-type Boreholes to Stimulate Low-permeability Coal Seams. Arabian Journal for Science and Engineering, 2021, 46, 573-586.	3.0	9
11	Analytical and Experimental Investigation of Perforation Layout Parameters on Hydraulic Fracture Propagation. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	9
12	A Study of Variation in the Initiation Pressure and Fracture Distribution Patterns of Raw Coal in SC-CO2 Fracturing Under the True Tri-axial System. Rock Mechanics and Rock Engineering, 2022, 55, 3425-3438.	5.4	8
13	Effect of water-to-cement ratio on sulfo-aluminate type cementitious grouting materials. Magazine of Concrete Research, 2019, 71, 298-308.	2.0	3
14	Optimum Layout of Multiple Tree-type Boreholes in Low-Permeability Coal Seams to Improve Methane Drainage Performance. Frontiers in Energy Research, 2021, 9, .	2.3	2
15	Modelling and simulation of earthquakeâ€induced changes in methane emission from the working face in an underground coal mine. Journal of Engineering, 2022, 2022, 359-370.	1.1	0