

Improvement of coal seam gas drainage by under-panel highly pressurized gas

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Research on and Design of a Self-Propelled Nozzle for the Tree-Type Drilling Technique in Underground Coal Mines. <i>Energies</i> , 2015, 8, 14260-14271.	1.6	29
2	CO ₂ gas fracturing: A novel reservoir stimulation technology in low permeability gassy coal seams. <i>Fuel</i> , 2017, 203, 197-207.	3.4	95
3	Evaluation of gas drainage and coal permeability improvement with liquid CO ₂ gasification blasting. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401876857.	0.8	25
4	Application of Hydraulic Flushing in Coal Seams To Reduce Hazardous Outbursts in the Mengjin Mine, China. <i>Environmental and Engineering Geoscience</i> , 2018, 24, 425-440.	0.3	22
5	Mechanism Analysis of Liquid Carbon Dioxide Phase Transition for Fracturing Rock Masses. <i>Energies</i> , 2018, 11, 2909.	1.6	29
6	Experimental Study on Explosion Pressure and Rock Breaking Characteristics under Liquid Carbon Dioxide Blasting. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-9.	0.4	11
7	Hydraulic drill hole reaming technology with large flow and draining of coal mine gas. <i>International Journal of Mining Science and Technology</i> , 2019, 29, 925-932.	4.6	14
8	A new shock-wave test apparatus for liquid CO ₂ blasting and measurement analysis. <i>Measurement and Control</i> , 2019, 52, 399-408.	0.9	16
9	A Static Fracturing Technology to Enhance the Permeability of Coalbed: Mechanical Study. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-9.	0.4	1
10	Positive Phase Pressure Function and Pressure Attenuation Characteristic of a Liquid Carbon Dioxide Blasting System. <i>Energies</i> , 2019, 12, 4134.	1.6	12
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12	Influence of liquid nitrogen cryotherapy on mechanic properties of coal and constitutive model study. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 2364-2376.	1.2	14
13	Thermodynamic properties and explosion energy analysis of carbon dioxide blasting systems. <i>Mining Technology: Transactions of the Institute of Mining and Metallurgy</i> , 2019, 128, 39-50.	0.6	9
14	Peridynamics simulation of rock fracturing under liquid carbon dioxide blasting. <i>International Journal of Damage Mechanics</i> , 2019, 28, 1038-1052.	2.4	47
15	Optimization and Field Application of CO ₂ Gas Fracturing Technique for Enhancing CBM Extraction. <i>Natural Resources Research</i> , 2020, 29, 1875-1896.	2.2	20
16	An enhanced coalbed methane recovery technique based on CO ₂ phase transition jet coal-breaking behavior. <i>Fuel</i> , 2020, 265, 116912.	3.4	36
17	Liquid CO ₂ phase transition fracturing technology and its application in enhancing gas drainage of coal mines. <i>Adsorption Science and Technology</i> , 2020, 38, 393-412.	1.5	18
18	In-site investigation of regional outburst prevention in coal roadway strip of a deep mine using an improved method. <i>Energy Science and Engineering</i> , 2020, 8, 3823-3838.	1.9	0

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19	Rock Breaking and Dynamic Response Characteristics of Carbon Dioxide Phase Transition Fracturing Considering the Gathering Energy Effect. <i>Energies</i> , 2020, 13, 1336.	1.6	16
20	Experimental and numerical simulation study on the dynamic fracture of coal by gas expansion. <i>Energy Science and Engineering</i> , 2020, 8, 3047-3059.	1.9	1
21	An experimental study of a novel liquid carbon dioxide rock-breaking technology. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 128, 104244.	2.6	43
22	Stress Relief and Stimulation of Coal Reservoir by Hydraulic Slotting. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-13.	0.4	5
23	Research on dual pressure relief and outburst prevention model for deep floor rock roadways. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	1
24	Experimental study on cavity pressure of carbon dioxide fracturing tube. <i>Journal of Vibroengineering</i> , 2021, 23, 1602-1620.	0.5	1
25	Experimental Investigation on Influencing Factors of Rock Fragmentation Induced by Carbon Dioxide Phase Transition Fracturing. <i>Shock and Vibration</i> , 2021, 2021, 1-9.	0.3	1
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29	CO ₂ Gas Fracturing in High Dip Angled Coal Seams for Improved Gas Drainage Efficiency at Hashatu Coal Mine. <i>Energy & Fuels</i> , 2022, 36, 2763-2774.	2.5	4
30	Liquid CO ₂ Phase-Transition Rock Fracturing: A Novel Technology for Safe Rock Excavation. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 68.	1.3	5
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32	Dynamic Response Evaluation for Single-Hole Bench Carbon Dioxide Blasting Based on the Novel SSA“VMD”PCC Method. <i>International Journal of Geomechanics</i> , 2023, 23, .	1.3	14
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