

Bobo Shi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

302
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of a Novel Liquid Nitrogen Control Technique for Heat Stress and Fire Prevention in Underground Mines. <i>Journal of Occupational and Environmental Hygiene</i> , 2015, 12, D168-D177.	1.0	38
2	Coating material of air sealing in coal mine: Clay composite slurry (CCS). <i>Applied Clay Science</i> , 2013, 80-81, 299-304.	5.2	34
3	A novel coating technology for fast sealing of air leakage in underground coal mines. <i>International Journal of Mining Science and Technology</i> , 2021, 31, 313-320.	10.3	29
4	Underground coal fire emission of spontaneous combustion, Sandaoba coalfield in Xinjiang, China: Investigation and analysis. <i>Science of the Total Environment</i> , 2021, 777, 146080.	8.0	27
5	Effects of inorganic fillers on the flame-retardant and mechanical properties of rigid polyurethane foams. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	26
6	Waste heat recovery, utilization and evaluation of coalfield fire applying heat pipe combined thermoelectric generator in Xinjiang, China. <i>Energy</i> , 2020, 207, 118303.	8.8	25
7	Impact of Heat and Mass Transfer during the Transport of Nitrogen in Coal Porous Media on Coal Mine Fires. <i>Scientific World Journal, The</i> , 2014, 2014, 1-9.	2.1	24
8	Normalizing Fire Prevention Technology and a Ground Fixed Station for Underground Mine Fires Using Liquid Nitrogen: A Case Study. <i>Fire Technology</i> , 2018, 54, 1887-1893.	3.0	21
9	Clean Power Generation from the Intractable Natural Coalfield Fires: Turn Harm into Benefit. <i>Scientific Reports</i> , 2017, 7, 5302.	3.3	18
10	Fire extinguishment behaviors of liquid fuel using liquid nitrogen jet. <i>Process Safety Progress</i> , 2016, 35, 407-413.	1.0	15
11	Numerical investigation of local thermal non-equilibrium effects in coal porous media with cryogenic nitrogen injection. <i>International Journal of Thermal Sciences</i> , 2018, 133, 32-40.	4.9	14
12	Application of a liquid nitrogen direct jet system to the extinguishment of oil pool fires in open space. <i>Process Safety Progress</i> , 2017, 36, 165-177.	1.0	10
13	Pozzolanicity verification of combustion metamorphic rocks from coalfield fire zones in China. <i>Journal of Loss Prevention in the Process Industries</i> , 2021, 69, 104390.	3.3	9
14	Thermal damage and mechanical properties of high temperature sandstone with cyclic heating-cooling treatment. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, .	3.5	5
15	Rheological properties of combustion metamorphic rock slurry for coalfield fire prevention. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 8231-8245.	3.5	4
16	Lessons learned from fires of the wood caused by the spontaneous combustion of coal dust in underground mines. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 1335-1344.	3.6	3