

Guansheng Qi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Preparation and properties of cellulosenanofiber (CNF) /polyvinyl alcohol (PVA) /graphene oxide (GO): Application of CO2 absorption capacity and molecular dynamics simulation. <i>Journal of Environmental Management</i> , 2022, 302, 114044.	7.8	11
2	Method for rapid mineralization of CO2 with carbide slag in the constant-pressure and continuous-feed way and its reaction heat. <i>Powder Technology</i> , 2022, 398, 117148.	4.2	9
3	Thermal Decomposition Model and Its Reaction Kinetic Parameters for Coal Smoldering with the Use of TG Tests in Oxygen-depleted Air. <i>Combustion Science and Technology</i> , 2021, 193, 1154-1172.	2.3	13
4	Study on the characteristics and mechanism of a new type of antioxidant gel foam for coal spontaneous combustion prevention. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 628, 127254.	4.7	29
5	Study on Preparation and Performance of Calcium Carbide Slag Foam for Coal Mine Disaster Reduction and CO2 Storage. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125322.	4.7	21
6	Experimental study on the effect of preinhibition temperature on the spontaneous combustion of coal based on an MgCl2 solution. <i>Fuel</i> , 2020, 265, 117032.	6.4	63
7	ANALYSIS ON THE TIME-FREQUENCY CHARACTERISTICS OF ULTRASONIC WAVEFORM OF COAL UNDER UNIAXIAL LOADING. <i>Fractals</i> , 2019, 27, 1950100.	3.7	20
8	In Situ Measurements and CFD Numerical Simulations of Thermal Environment in Blind Headings of Underground Mines. <i>Processes</i> , 2019, 7, 313.	2.8	17
9	Facile and efficient isocyanate microencapsulation via SDBS/PVP synergetic emulsion. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48045.	2.6	7
10	Study on a combined NDT method based on ACFM and eddy current thermography. <i>Nondestructive Testing and Evaluation</i> , 2019, 34, 147-163.	2.1	5
11	Effect of Pipe Diameter and Inlet Parameters on Liquid CO2 Flow in Transportation by Pipeline with Large Height Difference. <i>Processes</i> , 2019, 7, 756.	2.8	10
12	Smoldering combustion of coal under forced air flow: experimental investigation. <i>Journal of Fire Sciences</i> , 2016, 34, 267-288.	2.0	16
13	Kinetics characteristics of coal low-temperature oxidation in oxygen-depleted air. <i>Journal of Loss Prevention in the Process Industries</i> , 2015, 35, 224-231.	3.3	103
14	Optimized structural parameters and heat extraction capacity of a mixing device for constant pressure CO2 mineralization using alkaline waste. <i>Environmental Science and Pollution Research</i> , 0, , .	5.3	0