Di Xue

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6009163/publications.pdf

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16	770	840776 11	940533 16
papers	citations	h-index	g-index

16	16	16	284
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of superabsorbent lignin-based composite inhibitor and research on its prevention and control characteristics of coal spontaneous combustion. Combustion Science and Technology, 2024, 196, 608-628.	2.3	6
2	Preparation and performance of a biological dust suppressant based on the synergistic effect of enzyme-induced carbonate precipitation and surfactant. Environmental Science and Pollution Research, 2022, 29, 8423-8437.	5.3	7
3	Preparation and evaluation of humic acidâ€“based composite dust suppressant for coal storage and transportation. Environmental Science and Pollution Research, 2022, 29, 17072-17086.	5.3	13
4	Examination of characteristics of anti-oxidation compound inhibitor for preventing the spontaneous combustion of coal. Fuel, 2022, 310, 122160.	6.4	22
5	Preparation of a self-adhesive hydrogel and research on its flame-retardant properties. Fuel, 2022, 324, 124691.	6.4	14
6	Preparation of Mussel-Inspired Stable-Bonding Dust Binders for Fugitive Dust Control. ACS Applied Polymer Materials, 2022, 4, 5341-5354.	4.4	3
7	A novel intumescent flame-retardant to inhibit the spontaneous combustion of coal. Fuel, 2021, 297, 120768.	6.4	30
8	Fire prevention and control using gel-stabilization foam to inhibit spontaneous combustion of coal: Characteristics and engineering applications. Fuel, 2020, 264, 116903.	6.4	93
9	A novel high-toughness, organic/inorganic double-network fire-retardant gel for coal-seam with high ground temperature. Fuel, 2020, 263, 116779.	6.4	67
10	A novel fire prevention and control plastogel to inhibit spontaneous combustion of coal: Its characteristics and engineering applications. Fuel, 2020, 263, 116693.	6.4	71
11	Development of a novel composite inhibitor modified with proanthocyanidins and mixed with ammonium polyphosphate. Energy, 2020, 213, 118901.	8.8	29
12	An anti-pressure, fatigue-resistant and rapid self-healing hydrogel based on a nano-micelle assembly. Polymer Chemistry, 2020, 11, 2300-2304.	3.9	6
13	Study of resource utilization and fire prevention characteristics of a novel gel formulated from coal mine sludge (MS). Fuel, 2020, 267, 117261.	6.4	41
14	Carbon dioxide sealing-based inhibition of coal spontaneous combustion: A temperature-sensitive micro-encapsulated fire-retardant foamed gel. Fuel, 2020, 266, 117036.	6.4	56
15	Growth environment optimization for inducing bacterial mineralization and its application in concrete healing. Construction and Building Materials, 2019, 209, 631-643.	7.2	152
16	Novel sodium silicate/polymer composite gels for the prevention of spontaneous combustion of coal. Journal of Hazardous Materials, 2019, 371, 643-654.	12.4	160