Xianfeng Chen

List of Publications by Year
in descending order

18 papers	715 citations	840585 11 h-index	839398 18 g-index
18 all docs	18 docs citations	18 times ranked	454 citing authors

#	Article	IF	Citations
1	Facile preparation of N-doped activated carbon produced from rice husk for CO_2 capture. Journal of Colloid and Interface Science, 2021, 582, 90-101.	5.0	183
2	Facile preparation of layered melamine-phytate flame retardant via supramolecular self-assembly technology. Journal of Colloid and Interface Science, 2019, 553, 364-371.	5.0	116
3	Suppression of wood dust explosion by ultrafine magnesium hydroxide. Journal of Hazardous Materials, 2019, 378, 120723.	6.5	109
4	Nacre-biomimetic graphene oxide paper intercalated by phytic acid and its ultrafast fire-alarm application. Journal of Colloid and Interface Science, 2020, 578, 412-421.	5.0	53
5	Experimental Study of an Enhanced Phase Change Material of Paraffin/Expanded Graphite/Nano-Metal Particles for a Personal Cooling System. Materials, 2020, 13, 980.	1.3	45
6	Investigation on thermokinetic suppression of ammonium polyphosphate on sucrose dust deflagration: Based on flame propagation, thermal decomposition and residue analysis. Journal of Hazardous Materials, 2021, 403, 123653.	6.5	42
7	Insight to hydrophobic SiO_2 encapsulated SiO_2 gel: Preparation and application in fire extinguishing. Journal of Hazardous Materials, 2021, 405, 124216.	6.5	37
8	Insight into suppression performance and mechanisms of ultrafine powders on wood dust deflagration under equivalent concentration. Journal of Hazardous Materials, 2020, 394, 122584.	6.5	35
9	Fire extinguishing and explosion suppression characteristics of explosion suppression system with N2/APP after methane/coal dust explosion. Energy, 2022, 257, 124767.	4.5	19
10	Graphene oxide/chitosan nano-coating with ultrafast fire-alarm response and flame-retardant property. Polymers for Advanced Technologies, 2022, 33, 795-806.	1.6	18
11	Serendipity discovery of fire early warning function of chitosan film. Carbohydrate Polymers, 2022, 277, 118884.	5.1	16
12	Alumina nanoflake-coated graphene nanohybrid as a novel flame retardant filler for polypropylene. Polymers for Advanced Technologies, 2019, 30, 2153-2158.	1.6	11
13	Preparation of piperazine cyanurate by hydrogen-bonding self-assembly reaction and its application in intumescent flame-retardant polypropylene composites. Polymers for Advanced Technologies, 2020, 31, 1027-1037.	1.6	11
14	Landslide Image Captioning Method Based on Semantic Gate and Bi-Temporal LSTM. ISPRS International Journal of Geo-Information, 2020, 9, 194.	1.4	11
15	Experimental and Numerical Investigation on the Explosive Characteristics of Slotted Cartridges under Different Slotted Structures. Rock Mechanics and Rock Engineering, 2021, 54, 6173-6189.	2.6	4
16	Numerical Investigation on Crack Formation and Penetration Mechanism between Adjacent Blastholes. Shock and Vibration, 2020, 2020, 1-10.	0.3	3
17	Scale effect of porous mesh on the inhibition mechanism of wheat dust flame. Journal of Thermal Analysis and Calorimetry, 2021, 146, 2291-2302.	2.0	1
18	A comparative study on aluminum dust explosion suppression by powder inhibitors. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 6334-6346.	1.2	1