

# Xianfeng Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8946033/publications.pdf>

Version: 2024-02-01

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	Serendipity discovery of fire early warning function of chitosan film. <i>Carbohydrate Polymers</i> , 2022, 277, 118884.	5.1	16
2	Graphene oxide/chitosan nano-coating with ultrafast fire-alarm response and flame-retardant property. <i>Polymers for Advanced Technologies</i> , 2022, 33, 795-806.	1.6	18
3	A comparative study on aluminum dust explosion suppression by powder inhibitors. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 6334-6346.	1.2	1
4	Fire extinguishing and explosion suppression characteristics of explosion suppression system with N2/APP after methane/coal dust explosion. <i>Energy</i> , 2022, 257, 124767.	4.5	19
5	Facile preparation of N-doped activated carbon produced from rice husk for CO2 capture. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 90-101.	5.0	183
6	Investigation on thermokinetic suppression of ammonium polyphosphate on sucrose dust deflagration: Based on flame propagation, thermal decomposition and residue analysis. <i>Journal of Hazardous Materials</i> , 2021, 403, 123653.	6.5	42
7	Insight to hydrophobic SiO2 encapsulated SiO2 gel: Preparation and application in fire extinguishing. <i>Journal of Hazardous Materials</i> , 2021, 405, 124216.	6.5	37
8	Scale effect of porous mesh on the inhibition mechanism of wheat dust flame. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 146, 2291-2302.	2.0	1
9	Experimental and Numerical Investigation on the Explosive Characteristics of Slotted Cartridges under Different Slotted Structures. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 6173-6189.	2.6	4
10	Preparation of piperazine cyanurate by hydrogen-bonding self-assembly reaction and its application in intumescent flame-retardant polypropylene composites. <i>Polymers for Advanced Technologies</i> , 2020, 31, 1027-1037.	1.6	11
11	Numerical Investigation on Crack Formation and Penetration Mechanism between Adjacent Blastholes. <i>Shock and Vibration</i> , 2020, 2020, 1-10.	0.3	3
12	Landslide Image Captioning Method Based on Semantic Gate and Bi-Temporal LSTM. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 194.	1.4	11
13	Nacre-biomimetic graphene oxide paper intercalated by phytic acid and its ultrafast fire-alarm application. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 412-421.	5.0	53
14	Insight into suppression performance and mechanisms of ultrafine powders on wood dust deflagration under equivalent concentration. <i>Journal of Hazardous Materials</i> , 2020, 394, 122584.	6.5	35
15	Experimental Study of an Enhanced Phase Change Material of Paraffin/Expanded Graphite/Nano-Metal Particles for a Personal Cooling System. <i>Materials</i> , 2020, 13, 980.	1.3	45
16	Alumina nanoflake-coated graphene nanohybrid as a novel flame retardant filler for polypropylene. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2153-2158.	1.6	11
17	Suppression of wood dust explosion by ultrafine magnesium hydroxide. <i>Journal of Hazardous Materials</i> , 2019, 378, 120723.	6.5	109
18	Facile preparation of layered melamine-phytate flame retardant via supramolecular self-assembly technology. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 364-371.	5.0	116