

# Ke Yan

## List of Publications by Year in descending order

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13  
papers

243  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation on the aluminum dust explosion suppression efficiency and mechanism of a NaHCO <sub>3</sub> /DE composite powder. <i>Advanced Powder Technology</i> , 2020, 31, 3246-3255.	4.1	57
2	Inhibition effects of Al(OH) <sub>3</sub> and Mg(OH) <sub>2</sub> on Al-Mg alloy dust explosion. <i>Journal of Loss Prevention in the Process Industries</i> , 2020, 66, 104206.	3.3	35
3	Study on resource utilization of composite powder suppressor prepared from acrylic fiber waste sludge. <i>Journal of Cleaner Production</i> , 2021, 291, 125914.	9.3	31
4	Study on the inhibition of Al-Mg alloy dust explosion by modified Mg(OH) <sub>2</sub> . <i>Powder Technology</i> , 2021, 384, 284-296.	4.2	31
5	Suppression of Aluminum Dust Explosion by Ca(H <sub>2</sub> PO <sub>4</sub> ) <sub>2</sub> /RM Composite Powder with Core-Shell Structure: Effect and Mechanism. <i>Processes</i> , 2019, 7, 761.	2.8	28
6	Study on the effect and mechanism of Ca(H <sub>2</sub> PO <sub>4</sub> ) <sub>2</sub> and CaCO <sub>3</sub> powders on inhibiting the explosion of titanium powder. <i>Powder Technology</i> , 2022, 395, 158-167.	4.2	26
7	Inhibition of Aluminum Powder Explosion by a NaHCO <sub>3</sub> /Kaolin Composite Powder Suppressant. <i>Combustion Science and Technology</i> , 2022, 194, 815-831.	2.3	14
8	Research on deflagration characteristics and thermodynamic mechanism of micron aluminum powders. <i>Process Safety Progress</i> , 0, , e12262.	1.0	7
9	Study on silica coated chrome oxide green pigment and its performance. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50281.	2.6	6
10	Inhibition of aluminum-silicon alloy dust explosion and flame by K <sub>2</sub> HPO <sub>4</sub> /montmorillonite composite powder. <i>Fire and Materials</i> , 2022, 46, 797-808.	2.0	4
11	Experiment on influence of inert powder on deflagration of oil shale dust research. <i>Process Safety Progress</i> , 2022, 41, 372-383.	1.0	2
12	PERFORMANCE TEST AND HEAT RESISTANCE OF PHYSICAL AND CHEMICAL COATED IRON OXIDE BLACK PIGMENT. <i>Surface Review and Letters</i> , 0, , .	1.1	1
13	Experimental study and mechanism analysis on the suppression of flour explosion by NaCl and NaHCO <sub>3</sub> . <i>Combustion Science and Technology</i> , 0, , 1-16.	2.3	1