

Kuibin Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

500
citations

687363

13
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiant heat feedback from a jet flame to the ruptured tank surface. <i>International Journal of Thermal Sciences</i> , 2022, 172, 107322.	4.9	2
2	An analytical model for predicting the flame length of fire lines and tree crown scorching. <i>International Journal of Wildland Fire</i> , 2022, 31, 240-254.	2.4	2
3	Temperature Control of Exothermic Reactions Using n-Octadecane@MF Resin microPCMs Based on Esterification Reactions. <i>Processes</i> , 2022, 10, 239.	2.8	5
4	An experimental study of jet fires in pits. <i>Chemical Engineering Research and Design</i> , 2022, 163, 131-143.	5.6	6
5	Flame extension area and temperature profile of horizontal jet fire impinging on a vertical plate. <i>Chemical Engineering Research and Design</i> , 2021, 147, 547-558.	5.6	37
6	Experimental study on flame interaction and geometrical features of two identical fires on a slope. <i>Fire Safety Journal</i> , 2021, 126, 103463.	3.1	8
7	Jet fires involving releases of gas and solid particle. <i>Chemical Engineering Research and Design</i> , 2021, 156, 196-208.	5.6	14
8	Effect of nozzle exit shape on the geometrical features of horizontal turbulent jet flame. <i>Fuel</i> , 2020, 260, 116356.	6.4	32
9	Numerical simulation of thermal response behavior of floating-roof tanks exposed to pool fire. <i>Applied Thermal Engineering</i> , 2020, 179, 115692.	6.0	10
10	Fire Whirls. , 2020, , 417-425.		1
11	Thermal Hazard Analysis of Styrene Polymerization in Microreactor of Varying Diameter. <i>Processes</i> , 2020, 8, 1650.	2.8	5
12	An experimental study of jet fires in rotating flow fields. <i>Combustion and Flame</i> , 2019, 210, 193-203.	5.2	11
13	Thermal radiation modelling of pool fire with consideration on the nonuniform temperature in flame volume. <i>International Journal of Thermal Sciences</i> , 2019, 138, 12-23.	4.9	38
14	Thermally-driven vortex resulting from the linear heat wires of different shapes under cross wind. <i>Applied Thermal Engineering</i> , 2019, 163, 114495.	6.0	5
15	A Model Considering the Flame Volume for Prediction of Thermal Radiation from Pool Fire. <i>Fire Technology</i> , 2019, 55, 129-148.	3.0	19
16	Experimental research on the burning behavior of dragon juniper tree. <i>Fire and Materials</i> , 2018, 42, 173-182.	2.0	4
17	Validity evaluation on temperature correction methods by thermocouples with different bead diameters and application of corrected temperature. <i>International Journal of Thermal Sciences</i> , 2018, 125, 305-312.	4.9	14
18	Analysis for Fire Plume Temperature in Developing Area and Radiation Heat Flux Distribution in Small-scale Pool Fire. <i>Procedia Engineering</i> , 2018, 211, 606-613.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Prediction of Flame Length of Horizontal Hydrogen Jet Fire during High-pressure Leakage Process. <i>Procedia Engineering</i> , 2018, 211, 471-478.	1.2	13
20	A theoretical framework for calculating full-scale jet fires induced by high-pressure hydrogen/natural gas transient leakage. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 22765-22775.	7.1	22
21	Prediction of state property, flow parameter and jet flame size during transient releases from hydrogen storage systems. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 12565-12573.	7.1	16
22	Generalization of the radiative fraction correlation for hydrogen and hydrocarbon jet fires in subsonic and choked flow regimes. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 9870-9876.	7.1	20
23	Fire Whirls. , 2018, , 1-9.		1
24	Prediction of radiant heat flux from horizontal propane jet fire. <i>Applied Thermal Engineering</i> , 2016, 106, 634-639.	6.0	45
25	Effect of Wind on Fire Whirl Over a Line Fire. <i>Fire Technology</i> , 2016, 52, 865-875.	3.0	20
26	Thermal Radiation From Vertical Turbulent Jet Flame: Line Source Model. <i>Journal of Heat Transfer</i> , 2016, 138, .	2.1	35
27	Experimental Study of Firebrand Transport. <i>Fire Technology</i> , 2015, 51, 785-799.	3.0	13
28	Thermal Radiation from Fire Whirls: Revised Solid Flame Model. <i>Fire Technology</i> , 2014, 50, 1573-1587.	3.0	30
29	Effect of flow circulation on combustion dynamics of fire whirl. <i>Proceedings of the Combustion Institute</i> , 2013, 34, 2617-2624.	3.9	64
30	CFD Study of Termination of Fire Whirls in Urban Fires. <i>Procedia Engineering</i> , 2013, 62, 1040-1049.	1.2	3