

Flame extension length and temperature profile in the round jet upon a horizontal plate

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Experiment investigation on the influence of low pressure on ceiling temperature profile in aircraft cargo compartment fires. Applied Thermal Engineering, 2015, 89, 526-533.	3.0	41
2	A new mathematical method for quantifying trajectory of buoyant line-source gaseous fuel jet diffusion flames in cross air flows. Fuel, 2016, 177, 107-112.	3.4	30
3	Prediction of radiant heat flux from horizontal propane jet fire. Applied Thermal Engineering, 2016, 106, 634-639.	3.0	45
4	Experimental study on virtual origins of buoyancy-controlled jet flames with sidewalls. Applied Thermal Engineering, 2016, 106, 1088-1093.	3.0	20
5	Impacts of ceiling height on the combustion behaviors of pool fires beneath a ceiling. Journal of Thermal Analysis and Calorimetry, 2016, 126, 881-889.	2.0	26
6	Thermal Radiation From Vertical Turbulent Jet Flame: Line Source Model. Journal of Heat Transfer, 2016, 138, .	1.2	35
7	Effect of tunnel cross section on gas temperatures and heat fluxes in case of large heat release rate. Applied Thermal Engineering, 2016, 93, 405-415.	3.0	57
8	Maximum temperature of thermal plume beneath an unconfined ceiling with different inclination angles induced by rectangular fire sources. Applied Thermal Engineering, 2017, 120, 239-246.	3.0	16
9	A theoretical and experimental study of flame length under a tunnel ceiling. Journal of Thermal Analysis and Calorimetry, 2017, 128, 1143-1149.	2.0	11
10	Experimental study on curved flame characteristics under longitudinal ventilation in a subway tunnel. Applied Thermal Engineering, 2017, 114, 733-743.	3.0	22
11	Experimental study on ceiling temperature profile of sidewall fires at reduced pressure in an aircraft cargo compartment. Experimental Thermal and Fluid Science, 2017, 82, 326-332.	1.5	19
12	Flame extension lengths beneath an inclined ceiling induced by rectangular-source fires. Combustion and Flame, 2017, 176, 349-357.	2.8	80
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15	Flow and heat transfer of parallel multiple jets obliquely impinging on a flat surface. Applied Thermal Engineering, 2018, 133, 588-603.	3.0	18
16	Flame extension area of unconfined thermal ceiling jets induced by rectangular-source jet fire impingement. Applied Thermal Engineering, 2018, 132, 801-807.	3.0	13
17	Radiant Heat Flux Profile of Horizontally Oriented Rectangular Source Fuel Jet Fires. Industrial & Engineering Chemistry Research, 2018, 57, 1078-1088.	1.8	7
18	Flame extension lengths beneath a confined ceiling induced by fire in a channel with longitudinal air flow. Fire Safety Journal, 2018, 97, 29-43.	1.4	20

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19	A study on the maximum temperature of ceiling jet induced by rectangular-source fires in a tunnel using ceiling smoke extraction. <i>International Journal of Thermal Sciences</i> , 2018, 127, 329-334.	2.6	153
20	Predicting the main geometrical features of horizontal rectangular source fuel jet fires. <i>Journal of the Energy Institute</i> , 2018, 91, 1153-1163.	2.7	14
21	Modelling of propane emissions from a tank containing a liquefied phase. <i>MATEC Web of Conferences</i> , 2018, 240, 01034.	0.1	0
22	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
23	Effect of ceiling centralized mechanical smoke exhaust on the critical velocity that inhibits the reverse flow of thermal plume in a longitudinal ventilated tunnel. <i>Tunnelling and Underground Space Technology</i> , 2018, 82, 191-198.	3.0	46
24	Water spray flow rate effect on smoke temperature distribution under the ceiling in tunnel fires with longitudinal ventilation. <i>Tunnelling and Underground Space Technology</i> , 2018, 79, 190-196.	3.0	15
25	Temperature profile beneath an inclined ceiling induced by plume impingement of gas fuel jet flame. <i>Fuel</i> , 2018, 223, 408-413.	3.4	30
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32	Experimental study on determination of flame height and lift-off distance of rectangular source fuel jet fires. <i>Applied Thermal Engineering</i> , 2019, 152, 430-436.	3.0	29
33	Temperature profile of thermal flow underneath an inclined ceiling induced by a wall-attached fire. <i>International Journal of Thermal Sciences</i> , 2019, 141, 133-140.	2.6	30
34	Estimating the trajectory length of buoyant turbulent jet flames issuing from a downward sloping nozzle. <i>Chemical Engineering Research and Design</i> , 2019, 132, 153-159.	2.7	22
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39	A New simplified calculation model of geometric thermal features of a vertical propane jet fire based on experimental and computational studies. <i>Chemical Engineering Research and Design</i> , 2020, 135, 301-314.	2.7	24
40	Experimental investigation on the temperature decay beneath a horizontal projection of spilled plumes from a compartment window. <i>International Journal of Thermal Sciences</i> , 2020, 154, 106409.	2.6	3
41	Numerical study on the smoke extraction efficiency and the improvement through a smoke reservoir in the naturally ventilated tunnel with vertical shaft. <i>Tunnelling and Underground Space Technology</i> , 2020, 103, 103505.	3.0	12
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52	Perspectives of big experimental database and artificial intelligence in tunnel fire research. <i>Tunnelling and Underground Space Technology</i> , 2021, 108, 103691.	3.0	39
53	Determination of Heat Transfer Coefficient for Array of Free Surface Water Jets. <i>Heat Transfer Engineering</i> , 2021, 42, 296-307.	1.2	1
54	Reduced Pressure Effect On The Flame Length Of Elevated N-Heptane Fires In An Aircraft Cargo Compartment. <i>Combustion Science and Technology</i> , 0, , 1-18.	1.2	2

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56	Flame extension area and temperature profile of horizontal jet fire impinging on a vertical plate. Chemical Engineering Research and Design, 2021, 147, 547-558.	2.7	37
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