

Yasushi Oka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9241587/publications.pdf>

Version: 2024-02-01

13
papers

281
citations

1307594

7
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of smoke layer thickness using vertical temperature distribution in tunnel fires under natural ventilation. <i>Tunnelling and Underground Space Technology</i> , 2022, 119, 104257.	6.2	7
2	Proposal for alert threshold for "stop activity" to improve firefighters' occupational safety based on heart rate variability analysis. <i>Safety Science</i> , 2021, 144, 105449.	4.9	3
3	Temperature and velocity distributions of a ceiling-jet along a flat-ceilinged tunnel with natural ventilation. <i>Fire Safety Journal</i> , 2020, 112, 102969.	3.1	10
4	Applicability of the Reflection Index of Respiration Based on Heart Rate Variability Analysis to Firefighting Activity. <i>Fire Science and Technology</i> , 2020, 39, 1-15.	0.5	3
5	Experimental Study of Fire Plume Above a Fire Source with Simple Harmonic Oscillation in Horizontal Direction. <i>Fire Technology</i> , 2019, 55, 875-902.	3.0	1
6	Proposal of index for alerting firefighting activity continuation based on metabolic index for respiratory circulation to improve firefighters' occupational safety. <i>Safety Science</i> , 2019, 113, 298-309.	4.9	3
7	Numerical analysis on plume temperature properties formed above a harmonically oscillating fire source. <i>Fire Safety Journal</i> , 2017, 88, 56-66.	3.1	4
8	Velocity and temperature attenuation of a ceiling-jet along a horizontal tunnel with a flat ceiling and natural ventilation. <i>Tunnelling and Underground Space Technology</i> , 2016, 56, 79-89.	6.2	62
9	Ceiling-jet thickness and vertical distribution along flat-ceilinged horizontal tunnel with natural ventilation. <i>Tunnelling and Underground Space Technology</i> , 2016, 53, 68-77.	6.2	73
10	Temperature distribution within a ceiling jet propagating in an inclined flat-ceilinged tunnel with natural ventilation. <i>Fire Safety Journal</i> , 2015, 71, 20-33.	3.1	58
11	Temperature and velocity distributions of a ceiling jet along an inclined ceiling " Part 1: Approximation with exponential function. <i>Fire Safety Journal</i> , 2014, 65, 41-52.	3.1	47
12	Decrease of carbon dioxide concentration and entrainment of horizontally spreading ceiling jet. <i>Fire Safety Journal</i> , 2014, 63, 37-42.	3.1	8
13	Detection of Spontaneous Combustion of Plastic Waste by "Odor"-Evaluation on Odor Intensity and Quality from Plastics Waste in Pre-combustion Condition-. <i>Fire Science and Technology</i> , 2010, 29, 1-14.	0.5	1