

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