Nils Johansson

List of Publications by Year
in descending order

23 papers	213 citations	933447 10 h-index	1058476 14 g-index
24 all docs	24 docs citations	24 times ranked	188 citing authors

#	Article	IF	Citations
1	Evaluation of a zone model for fire safety engineering in large spaces. Fire Safety Journal, 2021, 120, 103122.	3.1	3
2	A Round Robin of fire modelling for performanceâ€ based design. Fire and Materials, 2020, , .	2.0	0
3	A fire safety assessment approach for evacuation analysis in underground physics research facilities. Fire Safety Journal, 2019, 108, 102839.	3.1	12
4	Review of the Use of Fire Dynamics Theory in Fire Service Activities. Fire Technology, 2019, 55, 81-103.	3.0	19
5	Variation in Results Due to User Effects in a Simulation with FDS. Fire Technology, 2018, 54, 97-116.	3.0	11
6	A Case Study of Far-Field Temperatures in Progressing Fires. Journal of Physics: Conference Series, 2018, 1107, 042018.	0.4	3
7	Response of stone woolâ€"insulated building barriers under severe heating exposures. Journal of Fire Sciences, 2018, 36, 315-341.	2.0	6
8	Uncertainties in modelling heat transfer in fire resistance tests: A case study of stone wool sandwich panels. Fire and Materials, 2017, 41, 799-807.	2.0	9
9	The effectiveness of specific fire prevention measures for different population groups. Fire Safety Journal, 2017, 91, 1044-1050.	3.1	23
10	A case study of fires in structural elements. MATEC Web of Conferences, 2016, 46, 06001.	0.2	0
11	How could the fire fatalities have been prevented? An analysis of 144 cases during 2011â€"2014 in Sweden: An analysis. Journal of Fire Sciences, 2016, 34, 515-527.	2.0	31
12	An evaluation of two methods to predict temperatures in multi-room compartment fires. Fire Safety Journal, 2015, 77, 46-58.	3.1	11
13	A Study of Reproducibility of a Full-Scale Multi-Room Compartment Fire Experiment. Fire Technology, 2015, 51, 645-665.	3.0	9
14	Numerical experiments in fire science: a study of ceiling jets. Fire and Materials, 2015, 39, 533-544.	2.0	16
15	Numerical experiments and compartment fires. Fire Science Reviews, 2014, 3, .	0.9	11
16	A correlation for predicting smoke layer temperature in a room adjacent to a room involved in a preâ€flashover fire. Fire and Materials, 2014, 38, 182-193.	2.0	10
17	A Simplified Relation Between Hot Layer Height and Opening Mass Flow. Fire Safety Science, 2014, 11, 432-443.	0.3	8
18	A New Method for Quantifying Fire Growth Rates Using Statistical and Empirical Data – Applied to Determine the Effect of Arson. Fire Safety Science, 2014, 11, 517-530.	0.3	4

#	Article	IF	Citations
19	Technical Measures to Prevent and Mitigate the Consequences of Arson in School Buildings. Fire Safety Science, 2014, 11, 531-543.	0.3	1
20	A Monte Carlo analysis of the effect of heat release rate uncertainty on available safe egress time. Journal of Fire Protection Engineering, 2013, 23, 5-29.	0.8	15
21	FaÃ§ade fires in Swedish school buildings. MATEC Web of Conferences, 2013, 9, 03006.	0.2	1
22	Detection of a typical arson fire scenario - comparison between experiments and simulations. Journal of Fire Protection Engineering, 2012, 22, 23-44.	0.8	5
23	Combining Statistics and Case Studies to Identify and Understand Deficiencies in Fire Protection. Fire Technology, 2012, 48, 945-960.	3.0	5