

MaÅ,gorzata KrÃ³l

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

297
citations

933447

10
h-index

888059

17
g-index

28
all docs

28
docs citations

28
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Full scale measurements of the operation of fire ventilation in a road tunnel. <i>Tunnelling and Underground Space Technology</i> , 2017, 70, 204-213.	6.2	50
2	Numerical investigation on fire accident and evacuation in a urban tunnel for different traffic conditions. <i>Tunnelling and Underground Space Technology</i> , 2021, 109, 103751.	6.2	28
3	Numerical modeling of air velocity distribution in a road tunnel with a longitudinal ventilation system. <i>Tunnelling and Underground Space Technology</i> , 2019, 91, 103003.	6.2	27
4	The influence of natural draught on the air flow in a tunnel with longitudinal ventilation. <i>Tunnelling and Underground Space Technology</i> , 2019, 85, 140-148.	6.2	25
5	Multi-criteria numerical analysis of factors influencing the efficiency of natural smoke venting of atria. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 170, 149-161.	3.9	23
6	Numerical studies on the wind effects on natural smoke venting of atria. <i>International Journal of Ventilation</i> , 2016, 15, 67-78.	0.4	22
7	Study on numerical modeling of jet fans. <i>Tunnelling and Underground Space Technology</i> , 2018, 73, 222-235.	6.2	22
8	Transient Analyses and Energy Balance of Air Flow in Road Tunnels. <i>Energies</i> , 2018, 11, 1759.	3.1	18
9	The factors determining the number of the endangered people in a case of fire in a road tunnel. <i>Fire Safety Journal</i> , 2020, 111, 102942.	3.1	13
10	The Design of a Metro Network Using a Genetic Algorithm. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 433.	2.5	12
11	Study on Hot Gases Flow in Case of Fire in a Road Tunnel. <i>Energies</i> , 2018, 11, 590.	3.1	10
12	On-Site Diagnostics Of The Mechanical Ventilation In Office Buildings. <i>Architecture Civil Engineering Environment</i> , 2017, 10, 145-156.	0.6	7
13	On-Site Thermal Diagnostics Of Cooling Sources For Air Conditioning Systems In Office Buildings. <i>Architecture Civil Engineering Environment</i> , 2017, 10, 157-163.	0.6	7
14	Case Study of Thermal Diagnostics of Single-Family House in Temperate Climate. <i>Energies</i> , 2019, 12, 4549.	3.1	6
15	Evacuation Simulation Focusing on Modeling of Disabled People Movement. <i>Sustainability</i> , 2021, 13, 2405.	3.2	4
16	Should We Expect a Disastrous Fire Accident in an Urban Road Tunnel? Literature Data Review and a Case Study for Selected Tunnels in Poland. <i>Sustainability</i> , 2021, 13, 6172.	3.2	4
17	A Numerical Study on Fire Development in a Confined Space Leading to Backdraft Phenomenon. <i>Energies</i> , 2020, 13, 1854.	3.1	3
18	3D Mapping of the Sprinkler Activation Time. <i>Energies</i> , 2020, 13, 1450.	3.1	3

#	ARTICLE	IF	CITATIONS
19	A Study on the Reliability of Modeling of Thermocouple Response and Sprinkler Activation during Compartment Fires. Buildings, 2022, 12, 77.	3.1	3
20	Some Tips on Numerical Modeling of Airflow and Fires in Road Tunnels. Energies, 2021, 14, 2366.	3.1	2
21	Impact of the Factors Determining the Natural Stack Effect on the Safety Conditions in a Road Tunnel. Lecture Notes in Networks and Systems, 2018, , 85-95.	0.7	2
22	WIND INFLUENCE ON A BUILDING WITH THE NATURAL SMOKE REMOVAL SYSTEM. Architecture Civil Engineering Environment, 2017, 10, 119-126.	0.6	2
23	A Stochastic Simulation Model for the Optimization of the Taxi Management System. Sustainability, 2019, 11, 3838.	3.2	1
24	Numerical Modelling of Underventilated Fire in a Compartment. Architecture Civil Engineering Environment, 2018, 11, 115-123.	0.6	1
25	A Case Study of High Power Fire and Evacuation Process in an Urban Road Tunnel. Advances in Intelligent Systems and Computing, 2020, , 202-215.	0.6	0
26	NUMERICAL STUDIES ON THE NATURAL SMOKE VENTING OF ATRIA. Architecture Civil Engineering Environment, 2020, 12, 135-144.	0.6	0