Possibility of using roof openings for natural ventilatio

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Citation Report

#	Article	IF	Citations
1	Numerical Investigation on Thermal and Fluid Dynamics Behaviors of the Exit Section Effect in Inclined Ventilated Roofs. , 2016, , .		0
2	Smoke spreading characteristics during a fire in a shallow urban road tunnel with roof openings under a longitudinal external wind blowing. Fire Safety Journal, 2017, 90, 156-168.	1.4	28
3	Natural wind utilization in the vertical shaft of a super-long highway tunnel and its energy saving effect. Building and Environment, 2018, 145, 140-152.	3.0	73
4	Driving force for preventing smoke backlayering in downhill tunnel fires using forced longitudinal ventilation. Tunnelling and Underground Space Technology, 2018, 79, 76-82.	3.0	40
5	Critical roof opening longitudinal length for complete smoke exhaustion in subway tunnel fires. International Journal of Thermal Sciences, 2018, 133, 55-61.	2.6	12
6	Research on the wind pressure coefficient in natural wind calculations for extra-long highway tunnels with shafts. Journal of Wind Engineering and Industrial Aerodynamics, 2019, 195, 104020.	1.7	14
7	Numerical study on overall smoke control using naturally ventilated shafts during fires in a road tunnel. International Journal of Thermal Sciences, 2019, 140, 491-504.	2.6	61
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9	A model test study to optimize the ventilation system of a long expressway tunnel. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 207, 104393.	1.7	12
10	Investigating safety impact of sun glare in urban tunnels based on cellular automata approach. Accident Analysis and Prevention, 2020, 148, 105821.	3.0	11
11	Analysis of calculation of fresh-air demand for road tunnel ventilation design in China. Tunnelling and Underground Space Technology, 2020, 103, 103469.	3.0	10
12	Mine Fire Behavior under Different Ventilation Conditions: Real-Scale Tests and CFD Modeling. Applied Sciences (Switzerland), 2020, 10, 3380.	1.3	14
13	Critical fan-induced pressure rise for preventing smoke flow multiplicity in longitudinally ventilated sloping tunnel fires: Potential function analysis and numerical simulations. Tunnelling and Underground Space Technology, 2020, 97, 103294.	3.0	6
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15	Plug-holing height and complete plug-holing phenomenon in naturally ventilated tunnel fires with vertical shaft. Tunnelling and Underground Space Technology, 2021, 107, 103631.	3.0	17
16	Investigation of the effect of a resistance grid on a tunnel ventilation physical distorted model. Tunnelling and Underground Space Technology, 2021, 109, 103794.	3.0	1
17	Experimental and numerical studies on the smoke extraction strategies by longitudinal ventilation with shafts during tunnel fire. Tunnelling and Underground Space Technology, 2021, 116, 104030.	3.0	8
18	Field measurements of vehicle pollutant emissions in road tunnels at different altitudes. Tunnelling and Underground Space Technology, 2021, 118, 104187.	3.0	15

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19	A theoretical explanation of natural ventilation at roof openings in urban road tunnels. Tunnelling and Underground Space Technology, 2020, 98, 103345.	3.0	4
21	Promotion Effect of Solid Screen on the Smoke Extraction of Vertical Shaft in Urban Road Tunnel Fire. Fire Technology, 0, , .	1.5	1
22	Numerical Study on Coupled Smoke Control Using Longitudinal Ventilation and Naturally Ventilated Shafts during Fires in a Road Tunnel. Fire, 2023, 6, 126.	1.2	1