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List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

654
citations

759055

12
h-index

996849

15
g-index

16
all docs

16
docs citations

16
times ranked

486
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical and experimental analysis of different ventilation systems in deep mines. Building and Environment, 2006, 41, 87-93.	3.0	141
2	CFD analysis of the human exhalation flow using different boundary conditions and ventilation strategies. Building and Environment, 2013, 62, 191-200.	3.0	70
3	Comparison of air change efficiency, contaminant removal effectiveness and infection risk as IAQ indices in isolation rooms. Energy and Buildings, 2013, 57, 210-219.	3.1	66
4	Optimization of a hospital room by means of CFD for more efficient ventilation. Energy and Buildings, 2008, 40, 849-854.	3.1	61
5	Influence of human breathing modes on airborne cross infection risk. Building and Environment, 2016, 106, 340-351.	3.0	61
6	Experimental evaluation of thermal comfort, ventilation performance indices and exposure to airborne contaminant in an airborne infection isolation room equipped with a displacement air distribution system. Energy and Buildings, 2018, 158, 209-221.	3.1	50
7	Experimental assessment of different mixing air ventilation systems on ventilation performance and exposure to exhaled contaminants in hospital rooms. Energy and Buildings, 2018, 177, 207-219.	3.1	46
8	Airflow patterns through a sliding door during opening and foot traffic in operating rooms. Building and Environment, 2016, 109, 190-198.	3.0	37
9	Extinction of premixed methane-air flames by water mist. Fire Safety Journal, 2004, 39, 581-600.	1.4	31
10	Assessment of displacement ventilation systems in airborne infection risk in hospital rooms. PLoS ONE, 2019, 14, e0211390.	1.1	31
11	Numerical model for two-phase solidification problem in a pipe. Applied Thermal Engineering, 2004, 24, 2501-2509.	3.0	24
12	Experimental study of parallel and inclined turbulent wall jets. Experimental Thermal and Fluid Science, 2008, 33, 132-139.	1.5	18
13	Experimental variation of the personal exposure in a hospital room influenced by wall heat gains. Building and Environment, 2019, 154, 252-262.	3.0	11
14	Experimental and numerical study of the influence of the plenum box on the airflow pattern generated by a swirl air diffuser. Experimental Thermal and Fluid Science, 2018, 99, 547-557.	1.5	4
15	Study of the gas velocity field generated by a multi-tuyere fluidization gas distributor in the absence of particles. Powder Technology, 1998, 98, 54-60.	2.1	3
16	Exhaled contaminant concentration data in a hospital room influenced by external heat gains. Data in Brief, 2019, 24, 103978.	0.5	0