Hayder Alsaad

List of Publications by Year
in descending order

15	244	933447 10	996975 15
papers	citations	h-index	g-index

18	18	18	182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance assessment of a ductless personalized ventilation system using a validated CFD model. Journal of Building Performance Simulation, 2018, 11, 689-704.	2.0	32
2	Simulating the human body's microclimate using automatic coupling of CFD and an advanced thermoregulation model. Indoor Air, 2018, 28, 415-425.	4.3	30
3	Qualitative evaluation of the flow supplied by personalized ventilation using schlieren imaging and thermography. Building and Environment, 2020, 167, 106450.	6.9	29
4	The spread of breathing air from wind instruments and singers using schlieren techniques. Indoor Air, 2021, 31, 1798-1814.	4.3	24
5	Could the ductless personalized ventilation be an alternative to the regular ducted personalized ventilation?. Indoor Air, 2021, 31, 99-111.	4.3	22
6	The potential of facade greening in mitigating the effects of heatwaves in Central European cities. Building and Environment, 2022, 216, 109021.	6.9	20
7	The Scales Project, a cross-national dataset on the interpretation of thermal perception scales. Scientific Data, 2019, 6, 289.	5.3	19
8	Addressing a systematic error correcting for free and mixed convection when measuring mean radiant temperature with globe thermometers. Scientific Reports, 2022, 12, 6473.	3.3	13
9	A data-driven ray tracing simulation for mean radiant temperature and spatial variations in the indoor radiant field with experimental validation. Energy and Buildings, 2022, 254, 111585.	6.7	12
10	ENVI-met validation data accompanied with simulation data of the impact of facade greening on the urban microclimate. Data in Brief, 2022, 42, 108200.	1.0	11
11	Performance evaluation of ductless personalized ventilation in comparison with desk fans using numerical simulations. Indoor Air, 2020, 30, 776-789.	4.3	9
12	The effect of a living wall system designated for greywater treatment on the hygrothermal performance of the facade. Energy and Buildings, 2022, 255, 111711.	6.7	9
13	Exhalation Spreading During Nasal High-Flow Therapy at Different Flow Rates. Critical Care Medicine, 2021, 49, e693-e700.	0.9	4
14	Hygrothermal simulation data of a living wall system for decentralized greywater treatment. Data in Brief, 2022, 40, 107741.	1.0	3
15	Influence of wearing masks on exhaled air aerodynamics. Journal of Medical Engineering and Technology, 2022, 46, 231-242.	1.4	2