

Hayder Alsaad

List of Publications by Year in descending order

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15
papers

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citations

933447

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996975

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all docs

18
docs citations

18
times ranked

182
citing authors

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