

Chao Liang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2357211/publications.pdf>

Version: 2024-02-01

14
papers

208
citations

933264

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h-index

1058333

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g-index

14
all docs

14
docs citations

14
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-mode ventilation: An efficient ventilation strategy for changeable scenarios and energy saving. Building and Environment, 2017, 115, 332-344.	3.0	41
2	Fast prediction of non-uniform temperature distribution: A concise expression and reliability analysis. Energy and Buildings, 2017, 141, 295-307.	3.1	33
3	Cooling load for the design of air terminals in a general non-uniform indoor environment oriented to local requirements. Energy and Buildings, 2018, 174, 603-618.	3.1	27
4	Energy saving potential of heat removal using natural cooling water in the top zone of buildings with large interior spaces. Building and Environment, 2017, 124, 323-335.	3.0	16
5	Direct relationship between the system cooling load and indoor heat gain in a non-uniform indoor environment. Energy, 2020, 191, 116490.	4.5	14
6	Numerical analysis of the methods for reducing the energy use of air-conditioning systems in non-uniform indoor environments. Building and Environment, 2020, 167, 106442.	3.0	13
7	Dynamic simulation of thermal load and energy efficiency in poultry buildings in the cold zone of China. Computers and Electronics in Agriculture, 2020, 168, 105127.	3.7	13
8	A quantitative relationship between heat gain and local cooling load in a general non-uniform indoor environment. Energy, 2019, 182, 412-423.	4.5	12
9	Quantitative effects of supply air and contaminant sources on steady contaminant distribution in ventilated space with air recirculation. Building and Environment, 2020, 171, 106672.	3.0	11
10	An algorithm for fast prediction of the transient effect of an arbitrary initial condition of contaminant. Building and Environment, 2015, 85, 298-308.	3.0	10
11	Numerical simulation of a novel double-duct ventilation system in poultry buildings under the winter condition. Building and Environment, 2022, 207, 108557.	3.0	7
12	Theoretical expression for clean air volume in cleanrooms with non-uniform environments. Building and Environment, 2021, 204, 108168.	3.0	6
13	The influence of heat source distribution on the space cooling load oriented to local thermal requirements. Indoor and Built Environment, 2021, 30, 264-277.	1.5	4
14	Determination of Ergosterol in Alfalfa by Gas Chromatography-Mass Spectrometry. Analytical Letters, 2015, 48, 241-247.	1.0	1