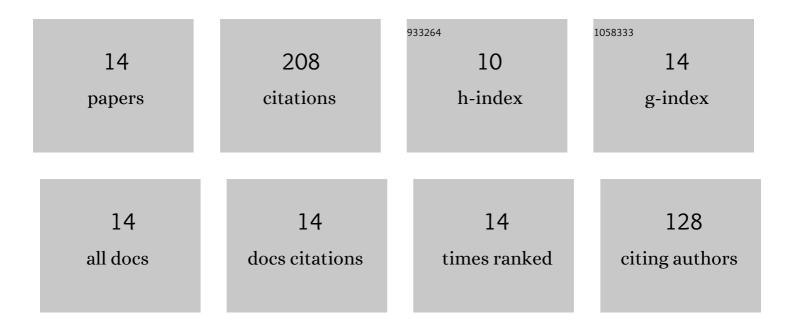
## Chao Liang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2357211/publications.pdf Version: 2024-02-01



CHAOLIANC

#	Article	IF	CITATIONS
1	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
2	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
3	Theoretical expression for clean air volume in cleanrooms with non-uniform environments. Building and Environment, 2021, 204, 108168.	3.0	6
4	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
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	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
7	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
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	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
10	Multi-mode ventilation: An efficient ventilation strategy for changeable scenarios and energy saving. Building and Environment, 2017, 115, 332-344.	3.0	41
11	Fast prediction of non-uniform temperature distribution: A concise expression and reliability analysis. Energy and Buildings, 2017, 141, 295-307.	3.1	33
12	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
13	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
14	Determination of Ergosterol in Alfalfa by Gas Chromatography–Mass Spectrometry. Analytical Letters, 2015, 48, 241-247.	1.0	1