

Chao Liang

List of Publications by Year in descending order

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14
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Numerical simulation of a novel double-duct ventilation system in poultry buildings under the winter condition. <i>Building and Environment</i> , 2022, 207, 108557. | 3.0 | 7 |
| 2 | The influence of heat source distribution on the space cooling load oriented to local thermal requirements. <i>Indoor and Built Environment</i> , 2021, 30, 264-277. | 1.5 | 4 |
| 3 | Theoretical expression for clean air volume in cleanrooms with non-uniform environments. <i>Building and Environment</i> , 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. <i>Building and Environment</i> , 2020, 167, 106442. | 3.0 | 13 |
| 5 | Direct relationship between the system cooling load and indoor heat gain in a non-uniform indoor environment. <i>Energy</i> , 2020, 191, 116490. | 4.5 | 14 |
| 6 | Dynamic simulation of thermal load and energy efficiency in poultry buildings in the cold zone of China. <i>Computers and Electronics in Agriculture</i> , 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. <i>Building and Environment</i> , 2020, 171, 106672. | 3.0 | 11 |
| 8 | A quantitative relationship between heat gain and local cooling load in a general non-uniform indoor environment. <i>Energy</i> , 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. <i>Energy and Buildings</i> , 2018, 174, 603-618. | 3.1 | 27 |
| 10 | Multi-mode ventilation: An efficient ventilation strategy for changeable scenarios and energy saving. <i>Building and Environment</i> , 2017, 115, 332-344. | 3.0 | 41 |
| 11 | Fast prediction of non-uniform temperature distribution: A concise expression and reliability analysis. <i>Energy and Buildings</i> , 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. <i>Building and Environment</i> , 2017, 124, 323-335. | 3.0 | 16 |
| 13 | An algorithm for fast prediction of the transient effect of an arbitrary initial condition of contaminant. <i>Building and Environment</i> , 2015, 85, 298-308. | 3.0 | 10 |
| 14 | Determination of Ergosterol in Alfalfa by Gas Chromatography–Mass Spectrometry. <i>Analytical Letters</i> , 2015, 48, 241-247. | 1.0 | 1 |