

Chang Shu

List of Publications by Year in descending order

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14
papers

183
citations

1040056

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1199594

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14
all docs

14
docs citations

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times ranked

134
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Impact Analysis of Window-Wall Ratio on Heating and Cooling Energy Consumption of Residential Buildings in Hot Summer and Cold Winter Zone in China. Journal of Engineering (United States), 2015, 2015, 1-17. | 1.0 | 29 |
| 2 | Wind tunnel tests of inter-flat pollutant transmission characteristics in a rectangular multi-storey residential building, part B: Effect of source location. Building and Environment, 2017, 114, 281-292. | 6.9 | 25 |
| 3 | Added value of convection permitting climate modelling in urban overheating assessments. Building and Environment, 2022, 207, 108415. | 6.9 | 20 |
| 4 | Air curtain effectiveness rating based on aerodynamics. Building and Environment, 2020, 169, 106582. | 6.9 | 19 |
| 5 | Wind pressure coefficients for buildings with air curtains. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 205, 104265. | 3.9 | 18 |
| 6 | Dimensional analysis of Reynolds independence and regional critical Reynolds numbers for urban aerodynamics. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 203, 104232. | 3.9 | 18 |
| 7 | Evaluation and improvement of the thermoregulatory system for the two-node bioheat model. Energy and Buildings, 2021, 249, 111235. | 6.7 | 16 |
| 8 | Effects of using different urban parametrization schemes and land-cover datasets on the accuracy of WRF model over the City of Ottawa. Urban Climate, 2021, 35, 100737. | 5.7 | 15 |
| 9 | Evaluating approaches of selecting extreme hot years for assessing building overheating conditions during heatwaves. Energy and Buildings, 2022, 254, 111610. | 6.7 | 15 |
| 10 | An exploratory study on road tunnel with semi-transparent photovoltaic canopy”From energy saving and fire safety perspectives. Building Simulation, 2022, 15, 537-548. | 5.6 | 5 |
| 11 | A field study on summertime overheating of six schools in Montreal Canada. Journal of Physics: Conference Series, 2021, 2069, 012168. | 0.4 | 2 |
| 12 | Importance of Microscale Climate Simulations in City Scale Overheating Assessments. Journal of Physics: Conference Series, 2021, 2069, 012057. | 0.4 | 1 |
| 13 | Bayesian Calibrating Educational Building Thermal Models to Hourly Indoor Air Temperature: Methodology and Case Study. , 2021, , . | | 0 |
| 14 | Assessment of the Effects of Urban Heat Island on Buildings. Advances in 21st Century Human Settlements, 2021, , 15-41. | 0.4 | 0 |