

# Chang Shu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9003662/publications.pdf>

Version: 2024-02-01

14  
papers

183  
citations

1040056

9  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

134  
citing authors

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