

Jianlin Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1470997/publications.pdf>

Version: 2024-02-01

29
papers

1,354
citations

393982

19
h-index

500791

28
g-index

30
all docs

30
docs citations

30
times ranked

678
citing authors

#	ARTICLE	IF	CITATIONS
1	CFD simulation of the wind environment around an isolated high-rise building: An evaluation of SRANS, LES and DES models. <i>Building and Environment</i> , 2016, 96, 91-106.	3.0	169
2	A new method to assess spatial variations of outdoor thermal comfort: Onsite monitoring results and implications for precinct planning. <i>Building and Environment</i> , 2015, 91, 263-270.	3.0	148
3	Investigation into the differences among several outdoor thermal comfort indices against field survey in subtropics. <i>Sustainable Cities and Society</i> , 2019, 44, 676-690.	5.1	142
4	Effects of lift-up design on pedestrian level wind comfort in different building configurations under three wind directions. <i>Building and Environment</i> , 2017, 117, 84-99.	3.0	101
5	New criteria for assessing low wind environment at pedestrian level in Hong Kong. <i>Building and Environment</i> , 2017, 123, 23-36.	3.0	90
6	Evaluation of a multi-nodal thermal regulation model for assessment of outdoor thermal comfort: Sensitivity to wind speed and solar radiation. <i>Building and Environment</i> , 2018, 132, 45-56.	3.0	67
7	Combining measured thermal parameters and simulated wind velocity to predict outdoor thermal comfort. <i>Building and Environment</i> , 2016, 105, 185-197.	3.0	59
8	Detached eddy simulation of pedestrian-level wind and gust around an elevated building. <i>Building and Environment</i> , 2017, 125, 168-179.	3.0	59
9	LES for pedestrian level wind around an idealized building array—Assessment of sensitivity to influencing parameters. <i>Sustainable Cities and Society</i> , 2019, 44, 406-415.	5.1	59
10	Understanding differences in thermal comfort between urban and rural residents in hot summer and cold winter climate. <i>Building and Environment</i> , 2019, 165, 106393.	3.0	56
11	Investigation into the thermal comfort of university students conducting outdoor training. <i>Building and Environment</i> , 2019, 149, 26-38.	3.0	49
12	Experimental study on convective heat transfer coefficients for the human body exposed to turbulent wind conditions. <i>Building and Environment</i> , 2020, 169, 106533.	3.0	42
13	Outdoor thermal sensation and logistic regression analysis of comfort range of meteorological parameters in Hong Kong. <i>Building and Environment</i> , 2019, 155, 175-186.	3.0	41
14	Pedestrian-level wind and gust around buildings with a “lift-up” design: Assessment of influence from surrounding buildings by adopting LES. <i>Building Simulation</i> , 2019, 12, 1107-1118.	3.0	35
15	Analysis of thermal comfort during movement in a semi-open transition space. <i>Energy and Buildings</i> , 2020, 225, 110312.	3.1	31
16	Field measurement of the urban pedestrian level wind turbulence. <i>Building and Environment</i> , 2021, 194, 107713.	3.0	31
17	Effects of building layouts and envelope features on wind flow and pollutant exposure in height-asymmetric street canyons. <i>Building and Environment</i> , 2021, 205, 108177.	3.0	31
18	Delayed detached eddy simulation of pedestrian-level wind around a building array “The potential to save computing resources. <i>Building and Environment</i> , 2019, 152, 28-38.	3.0	30

#	ARTICLE	IF	CITATIONS
19	Development of a multi-nodal thermal regulation and comfort model for the outdoor environment assessment. <i>Building and Environment</i> , 2020, 176, 106809.	3.0	26
20	Assessment of macroclimate and microclimate effects on outdoor thermal comfort via artificial neural network models. <i>Urban Climate</i> , 2022, 42, 101134.	2.4	21
21	Convective heat loss from computational thermal manikin subject to outdoor wind environments. <i>Building and Environment</i> , 2021, 188, 107469.	3.0	20
22	Pedestrian-level gust wind flow and comfort around a building array—Influencing assessment on the pocket park. <i>Sustainable Cities and Society</i> , 2022, 83, 103953.	5.1	20
23	Recent advances in modeling turbulent wind flow at pedestrian-level in the built environment. , 2022, 1, .		10
24	Assessment on the expectation for outdoor usage and its influencing factors. <i>Urban Climate</i> , 2022, 42, 101132.	2.4	6
25	Physics-based stitching of multi-FOV PIV measurements for urban wind fields. <i>Building and Environment</i> , 2021, 205, 108306.	3.0	4
26	Pedestrian Level Turbulent Wind Flow around an Elevated Building. <i>Procedia Engineering</i> , 2017, 205, 1004-1010.	1.2	3
27	Assessment on Seasonal Variations of Outdoor Thermal Comfort with On-site Monitoring in a Precinct. <i>Procedia Engineering</i> , 2017, 198, 321-331.	1.2	2
28	Impact Assessment of Waste Odor Source Locations on Pedestrian-Level Exposure Risk. <i>Buildings</i> , 2022, 12, 528.	1.4	1
29	Simulated Analysis of Exploiting Space Flow Field on the Environmental Wind Influence in the Open Pit Mine. <i>Advanced Materials Research</i> , 2012, 610-613, 1078-1082.	0.3	0