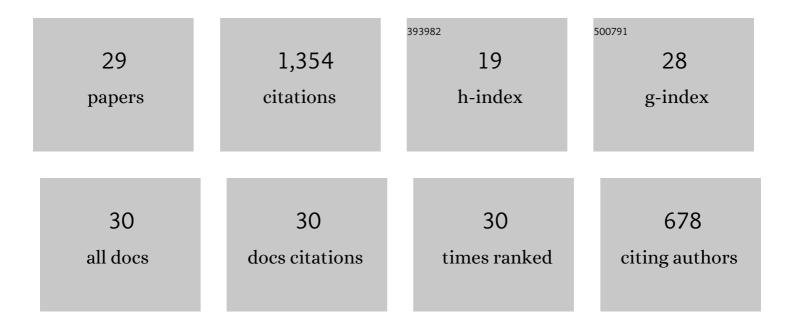
## Jianlin Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1470997/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	CFD simulation of the wind environment around an isolated high-rise building: An evaluation of SRANS, LES and DES models. Building and Environment, 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. Building and Environment, 2015, 91, 263-270.	3.0	148
3	Investigation into the differences among several outdoor thermal comfort indices against field survey in subtropics. Sustainable Cities and Society, 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. Building and Environment, 2017, 117, 84-99.	3.0	101
5	New criteria for assessing low wind environment at pedestrian level in Hong Kong. Building and Environment, 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. Building and Environment, 2018, 132, 45-56.	3.0	67
7	Combining measured thermal parameters and simulated wind velocity to predict outdoor thermal comfort. Building and Environment, 2016, 105, 185-197.	3.0	59
8	Detached eddy simulation of pedestrian-level wind and gust around an elevated building. Building and Environment, 2017, 125, 168-179.	3.0	59
9	LES for pedestrian level wind around an idealized building array—Assessment of sensitivity to influencing parameters. Sustainable Cities and Society, 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. Building and Environment, 2019, 165, 106393.	3.0	56
11	Investigation into the thermal comfort of university students conducting outdoor training. Building and Environment, 2019, 149, 26-38.	3.0	49
12	Experimental study on convective heat transfer coefficients for the human body exposed to turbulent wind conditions. Building and Environment, 2020, 169, 106533.	3.0	42
13	Outdoor thermal sensation and logistic regression analysis of comfort range of meteorological parameters in Hong Kong. Building and Environment, 2019, 155, 175-186.	3.0	41
14	Pedestrian-level wind and gust around buildings with a â€~lift-up' design: Assessment of influence from surrounding buildings by adopting LES. Building Simulation, 2019, 12, 1107-1118.	3.0	35
15	Analysis of thermal comfort during movement in a semi-open transition space. Energy and Buildings, 2020, 225, 110312.	3.1	31
16	Field measurement of the urban pedestrian level wind turbulence. Building and Environment, 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. Building and Environment, 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. Building and Environment, 2019, 152, 28-38.	3.0	30

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