Yingchun Ji

List of Publications by Year
in descending order

23 papers	507 citations	687363 13 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	511 citing authors

#	Article	IF	Citations
1	Resilience of naturally ventilated buildings to climate change: Advanced natural ventilation and hospital wards. Energy and Buildings, 2009, 41, 629-653.	6.7	84
2	Hybrid ventilation for low energy building design in south China. Building and Environment, 2009, 44, 2245-2255.	6.9	62
3	Domestic building fabric performance: Closing the gap between the in situ measured and modelled performance. Energy and Buildings, 2017, 150, 307-317.	6.7	56
4	Assessing overheating of the UK existing dwellings â€“ A case study of replica Victorian end terrace house. Building and Environment, 2014, 77, 1-11.	6.9	45
5	Loading rate effect on the uniaxial compressive strength (UCS) behavior of cemented paste backfill (CPB). Construction and Building Materials, 2021, 271, 121526.	7.2	45
6	Numerical studies of displacement natural ventilation in multi-storey buildings connected to an atrium. Building Services Engineering Research and Technology, 2007, 28, 207-222.	1.8	30
7	Experimental study on the triaxial mechanical behaviors of the Cemented Paste Backfill: Effect of curing time, drainage conditions and curing temperature. Journal of Environmental Management, 2022, 301, 113828.	7.8	26
8	CFD modelling of naturally ventilated double-skin facades with Venetian blinds. Journal of Building Performance Simulation, 2008, 1, 185-196.	2.0	23
9	The role of diffusion on the interface thickness in a ventilated filling box. Journal of Fluid Mechanics, 2010, 652, 195-205.	3.4	22
10	The effects of dry and wet rock surfaces on shear behavior of the interface between rock and cemented paste backfill. Powder Technology, 2021, 381, 324-337.	4.2	17
11	Building dynamic thermal model calibration using the Energy House facility at Salford. Energy and Buildings, 2019, 191, 224-234.	6.7	15
12	Experimental investigation on liquefaction and post-liquefaction deformation of stratified saturated sand under cyclic loading. Bulletin of Engineering Geology and the Environment, 2020, 79, 2313-2324.	3.5	14
13	Urban cooling: Which faÃ§ade orientation has the most impact on a microclimate?. Sustainable Cities and Society, 2021, 64, 102547.	10.4	14
14	An analytical model for the triaxial compressive Stress-strain relationships of Cemented Pasted Backfill (CPB) with different curing time. Construction and Building Materials, 2021, 313, 125554.	7.2	14
15	Nodal network and CFD simulation of airflow and heat transfer in double skin facades with blinds. Building Services Engineering Research and Technology, 2008, 29, 45-59.	1.8	13
16	Evaluating the perception of thermal environment in naturally ventilated schools in a warm and humid climate in Nigeria. Building Services Engineering Research and Technology, 2021, 42, 5-25.	1.8	9
17	Thermal responses of single zone offices on existing near-extreme summer weather data. Building Simulation, 2018, 11, 15-35.	5.6	5
18	Retrofit modelling of existing dwellings in the UK: the Salford Energy House case study. International Journal of Building Pathology and Adaptation, 2019, 37, 344-360.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Design summer year weather â€“ outdoor warmth ranking metrics and their numerical verification. Building Services Engineering Research and Technology, 2016, 37, 639-663.	1.8	3
20	Assessing the requirements from â€˜BB101â€™ 2006 and 2018 for a naturally ventilated preparatory school in the UK. Building Services Engineering Research and Technology, 2019, 40, 638-659.	1.8	3
21	Analyzing the Deformation of Multilayered Saturated Sandy Soils under Large Building Foundation. KSCE Journal of Civil Engineering, 2019, 23, 3764-3776.	1.9	1
22	Dynamic thermal simulation of advanced natural ventilation in buildings: current and future usage, UK exemplar. Architectural Engineering and Design Management, 2020, 16, 293-309.	1.7	1
23	Assessing low energy school buildings using the new Building Bulletin 101. WEENTECH Proceedings in Energy, 0, , 43-52.	0.0	0