

# Yingchun Ji

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8618946/publications.pdf>

Version: 2024-02-01

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	Experimental study on the triaxial mechanical behaviors of the Cemented Paste Backfill: Effect of curing time, drainage conditions and curing temperature. <i>Journal of Environmental Management</i> , 2022, 301, 113828.	7.8	26
2	Evaluating the perception of thermal environment in naturally ventilated schools in a warm and humid climate in Nigeria. <i>Building Services Engineering Research and Technology</i> , 2021, 42, 5-25.	1.8	9
3	Urban cooling: Which façade orientation has the most impact on a microclimate?. <i>Sustainable Cities and Society</i> , 2021, 64, 102547.	10.4	14
4	The effects of dry and wet rock surfaces on shear behavior of the interface between rock and cemented paste backfill. <i>Powder Technology</i> , 2021, 381, 324-337.	4.2	17
5	Loading rate effect on the uniaxial compressive strength (UCS) behavior of cemented paste backfill (CPB). <i>Construction and Building Materials</i> , 2021, 271, 121526.	7.2	45
6	An analytical model for the triaxial compressive Stress-strain relationships of Cemented Pasted Backfill (CPB) with different curing time. <i>Construction and Building Materials</i> , 2021, 313, 125554.	7.2	14
7	Experimental investigation on liquefaction and post-liquefaction deformation of stratified saturated sand under cyclic loading. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 2313-2324.	3.5	14
8	Dynamic thermal simulation of advanced natural ventilation in buildings: current and future usage, UK exemplar. <i>Architectural Engineering and Design Management</i> , 2020, 16, 293-309.	1.7	1
9	Analyzing the Deformation of Multilayered Saturated Sandy Soils under Large Building Foundation. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 3764-3776.	1.9	1
10	Building dynamic thermal model calibration using the Energy House facility at Salford. <i>Energy and Buildings</i> , 2019, 191, 224-234.	6.7	15
11	Retrofit modelling of existing dwellings in the UK: the Salford Energy House case study. <i>International Journal of Building Pathology and Adaptation</i> , 2019, 37, 344-360.	1.3	5
12	Assessing the requirements from “BS101” 2006 and 2018 for a naturally ventilated preparatory school in the UK. <i>Building Services Engineering Research and Technology</i> , 2019, 40, 638-659.	1.8	3
13	Thermal responses of single zone offices on existing near-extreme summer weather data. <i>Building Simulation</i> , 2018, 11, 15-35.	5.6	5
14	Domestic building fabric performance: Closing the gap between the in situ measured and modelled performance. <i>Energy and Buildings</i> , 2017, 150, 307-317.	6.7	56
15	Design summer year weather “ outdoor warmth ranking metrics and their numerical verification. <i>Building Services Engineering Research and Technology</i> , 2016, 37, 639-663.	1.8	3
16	Assessing overheating of the UK existing dwellings “ A case study of replica Victorian end terrace house. <i>Building and Environment</i> , 2014, 77, 1-11.	6.9	45
17	The role of diffusion on the interface thickness in a ventilated filling box. <i>Journal of Fluid Mechanics</i> , 2010, 652, 195-205.	3.4	22
18	Hybrid ventilation for low energy building design in south China. <i>Building and Environment</i> , 2009, 44, 2245-2255.	6.9	62

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19	Resilience of naturally ventilated buildings to climate change: Advanced natural ventilation and hospital wards. <i>Energy and Buildings</i> , 2009, 41, 629-653.	6.7	84
20	Nodal network and CFD simulation of airflow and heat transfer in double skin facades with blinds. <i>Building Services Engineering Research and Technology</i> , 2008, 29, 45-59.	1.8	13
21	CFD modelling of naturally ventilated double-skin facades with Venetian blinds. <i>Journal of Building Performance Simulation</i> , 2008, 1, 185-196.	2.0	23
22	Numerical studies of displacement natural ventilation in multi-storey buildings connected to an atrium. <i>Building Services Engineering Research and Technology</i> , 2007, 28, 207-222.	1.8	30
23	Assessing low energy school buildings using the new Building Bulletin 101. <i>WEENTECH Proceedings in Energy</i> , 0, , 43-52.	0.0	0