

# Peng Xue

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

859  
citations

516710  
16  
h-index

501196  
28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

618  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of daylighting and human behavior on luminous comfort in residential buildings: A questionnaire survey. <i>Building and Environment</i> , 2014, 81, 51-59.	6.9	113
2	Numerical investigation of unsteady airflow in subway influenced by piston effect based on dynamic mesh. <i>Tunnelling and Underground Space Technology</i> , 2014, 40, 174-181.	6.2	98
3	Optimization of window-to-wall ratio with sunshades in China low latitude region considering daylighting and energy saving requirements. <i>Applied Energy</i> , 2019, 233-234, 62-70.	10.1	86
4	Evidence for lack of transmission by close contact and surface touch in a restaurant outbreak of COVID-19. <i>Journal of Infection</i> , 2021, 83, 207-216.	3.3	60
5	A structured approach to overall environmental satisfaction in high-rise residential buildings. <i>Energy and Buildings</i> , 2016, 116, 181-189.	6.7	55
6	Mathematical modeling and sensitive analysis of the train-induced unsteady airflow in subway tunnel. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 171, 67-78.	3.9	50
7	Experimental and numerical investigation of braking energy on thermal environment of underground subway station in China's northern severe cold regions. <i>Energy</i> , 2016, 116, 880-893.	8.8	49
8	Quantification of luminous comfort with dynamic daylight metrics in residential buildings. <i>Energy and Buildings</i> , 2016, 117, 99-108.	6.7	48
9	Effects of Human Behavior Changes During the Coronavirus Disease 2019 (COVID-19) Pandemic on Influenza Spread in Hong Kong. <i>Clinical Infectious Diseases</i> , 2021, 73, e1142-e1150.	5.8	48
10	New static lightshelf system design of clerestory windows for Hong Kong. <i>Building and Environment</i> , 2014, 72, 368-376.	6.9	29
11	Weakening personal protective behavior by Chinese university students after COVID-19 vaccination. <i>Building and Environment</i> , 2021, 206, 108367.	6.9	24
12	Post-occupancy evaluation of sunshades and balconies's effects on luminous comfort through a questionnaire survey. <i>Building Services Engineering Research and Technology</i> , 2016, 37, 51-65.	1.8	21
13	Analysis of efficacy of intervention strategies for COVID-19 transmission: A case study of Hong Kong. <i>Environment International</i> , 2021, 156, 106723.	10.0	21
14	New indicators for air quality and distribution characteristics of pollutants in China. <i>Building and Environment</i> , 2020, 172, 106723.	6.9	20
15	Regional applicability of thermochromic windows based on dynamic radiation spectrum. <i>Renewable Energy</i> , 2022, 196, 15-27.	8.9	19
16	Balancing energy and daylighting performances for envelope design: A new index and proposition of a case study in Hong Kong. <i>Applied Energy</i> , 2017, 205, 13-22.	10.1	18
17	A preliminary investigation of water usage behavior in single-family homes. <i>Building Simulation</i> , 2017, 10, 949-962.	5.6	16
18	COVID-19 Vaccination Did Not Change the Personal Protective Behaviors of Healthcare Workers in China. <i>Frontiers in Public Health</i> , 2021, 9, 777426.	2.7	14

#	ARTICLE	IF	CITATIONS
19	A review of removing SO <sub>2</sub> and NO <sub>x</sub> by wet scrubbing. Sustainable Energy Technologies and Assessments, 2021, 47, 101451.	2.7	13
20	Multizone modeling of pressure difference control analyses for an infectious disease hospital. Building and Environment, 2021, 206, 108341.	6.9	11
21	The influence of envelope features on interunit dispersion around a naturally ventilated multi-story building. Building Simulation, 2018, 11, 1245-1253.	5.6	9
22	Quantitative effects of PM concentrations on spectral distribution of global normal irradiance. Solar Energy, 2021, 220, 1099-1108.	6.1	9
23	Optimal pitch angle of jet fans based on air age evaluation for highway tunnel ventilation. Journal of Wind Engineering and Industrial Aerodynamics, 2022, 228, 105088.	3.9	8
24	Experimental and Theoretical Study on the Heat Transfer Coefficients of Building External Surfaces in the Tropical Island Region. Applied Sciences (Switzerland), 2019, 9, 1063.	2.5	7
25	Review and development of the contribution ratio of indoor climate (CRI). Energy and Built Environment, 2022, 3, 412-423.	5.9	6
26	How to choose a better envelope design? A balance between energy and daylighting performance. Procedia Engineering, 2017, 205, 1027-1033.	1.2	4
27	A Grey Box Modeling Method for Fast Predicting Buoyancy-Driven Natural Ventilation Rates through Multi-Opening Atriums. Sustainability, 2019, 11, 3239.	3.2	2
28	Study on Effect of Different Wall Insulation Structures on Building Energy Consumption in Low Latitude Region: A Case Study in Qionghai, China. Environmental Science and Engineering, 2020, , 1285-1293.	0.2	1
29	The Effect of Adjacent Room Heat Transfer on Household Heat Metering. Environmental Science and Engineering, 2020, , 865-874.	0.2	0
30	A Primary Study of New Indexes for Air Pollutant. Environmental Science and Engineering, 2020, , 1053-1061.	0.2	0
31	Optimization of Corrugated Sheet Packing Structure Based on Analysis of Falling Film Flow Characteristics. Sustainability, 2022, 14, 5861.	3.2	0