

Yu Huang

List of Publications by Year in descending order

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16
papers

289
citations

1163117

8
h-index

996975

15
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16
all docs

16
docs citations

16
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of super-insulating translucent silica aerogel glazing system on commercial building envelope of humid subtropical climates – Impact on space cooling load. <i>Energy</i> , 2015, 83, 316-325.	8.8	83
2	Energy and visual performance of the silica aerogel glazing system in commercial buildings of Hong Kong. <i>Construction and Building Materials</i> , 2015, 94, 57-72.	7.2	69
3	A study on occupant behaviour related to air-conditioning usage in residential buildings. <i>Energy and Buildings</i> , 2019, 203, 109446.	6.7	40
4	Definition of typical commercial building for South China's Pearl River Delta: Local data statistics and model development. <i>Energy and Buildings</i> , 2019, 190, 119-131.	6.7	19
5	Change of climate data over 37 years in Hong Kong and the implications on the simulation-based building energy evaluations. <i>Energy and Buildings</i> , 2020, 222, 110062.	6.7	16
6	Cobalt-based Catalysts Modified Cathode for Enhancing Bioelectricity Generation and Wastewater Treatment in Air-breathing Cathode Microbial Fuel Cells. <i>Electroanalysis</i> , 2019, 31, 1465-1476.	2.9	14
7	Investigation on spatial distribution and thermal properties of typical residential buildings in South China's Pearl River Delta. <i>Energy and Buildings</i> , 2020, 206, 109555.	6.7	10
8	Investigation on spatial distributions and occupant schedules of typical residential districts in South China's Pearl River Delta. <i>Energy and Buildings</i> , 2020, 209, 109710.	6.7	9
9	A study of the skylight coverage ratio for air-conditioned atriums in the hot and humid regions. <i>International Journal of Low-Carbon Technologies</i> , 2021, 16, 946-955.	2.6	8
10	A novel method for fast sky conditions identification from global solar radiation measurements. <i>Renewable Energy</i> , 2020, 161, 77-90.	8.9	6
11	Optimizing the beam and sky diffuse radiation calculations under random obstructions of urban environments. <i>Building and Environment</i> , 2021, 196, 107806.	6.9	4
12	Radiance of the circumsolar and background parts of skydome for buildings under random obstructions. <i>Energy and Buildings</i> , 2021, 236, 110796.	6.7	3
13	An all-sky luminance and radiance distribution model for built environment studies. <i>Renewable Energy</i> , 2022, 190, 822-835.	8.9	3
14	A Framework of Community Pedestrian Network Design Based on Urban Network Analysis. <i>Buildings</i> , 2022, 12, 819.	3.1	3
15	Parametric optimization procedure for efficient window design of educational buildings in the Pearl River Delta of China. <i>International Journal of Low-Carbon Technologies</i> , 2022, 17, 394-410.	2.6	2
16	Analysis on the Influencing Factors of Typical Residential District Model in South China's Pearl River Delta. <i>Environmental Science and Engineering</i> , 2020, , 639-648.	0.2	0