

Zhengrong Li

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

419
citations

1039880

9
h-index

887953

17
g-index

20
all docs

20
docs citations

20
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	Passive design optimization of newly-built residential buildings in Shanghai for improving indoor thermal comfort while reducing building energy demand. <i>Energy and Buildings</i> , 2018, 169, 484-506.	3.1	197
2	Climate responsive strategies of traditional dwellings located in an ancient village in hot summer and cold winter region of China. <i>Building and Environment</i> , 2015, 86, 151-165.	3.0	83
3	A new anisotropic diffuse radiation model. <i>Energy Conversion and Management</i> , 2015, 95, 304-313.	4.4	28
4	A comparative study on energy saving and economic efficiency of different cooling terminals based on exergy analysis. <i>Journal of Building Engineering</i> , 2020, 30, 101224.	1.6	15
5	Flow field around a surface-mounted cubic building with louver blinds. <i>Building Simulation</i> , 2019, 12, 141-151.	3.0	13
6	Comparison of Anisotropic Diffuse Sky Radiance Models for Irradiance Estimation on Building Facades. <i>Procedia Engineering</i> , 2017, 205, 779-786.	1.2	11
7	The influence of exterior louver blinds' geometric and thermal attributes on the convective heat transfer at building facades. <i>Solar Energy</i> , 2019, 193, 654-665.	2.9	10
8	Correlations for the forced convective heat transfer at a windward building facade with exterior louver blinds. <i>Solar Energy</i> , 2020, 209, 709-723.	2.9	10
9	Criterion based selection of sky diffuse radiation models. <i>Sustainable Cities and Society</i> , 2019, 50, 101692.	5.1	9
10	A mathematical model for calculating total transmission of solar radiation through shuttle louvers and experimental verification. <i>Energy and Buildings</i> , 2018, 172, 159-169.	3.1	8
11	A simplified model exploration research of new anisotropic diffuse radiation model. <i>Energy Conversion and Management</i> , 2016, 126, 724-735.	4.4	7
12	A model of heat gain calculation for buildings with shuttle louvers: Verification and a case study. <i>Journal of Building Engineering</i> , 2020, 29, 101101.	1.6	7
13	Assessment of the Potential to Achieve very Low Energy Use in Public Buildings in China with Advanced Window and Shading Systems. <i>Buildings</i> , 2015, 5, 668-699.	1.4	6
14	Accuracy analysis and improvement of the Blind Enclosure Model to calculate the longwave radiative heat transfer for a facade with louver blinds. <i>Energy and Buildings</i> , 2017, 140, 98-109.	3.1	4
15	Experimental Study on Thermal Response Characteristics of Indoor Environment with Modular Radiant Cooling System. <i>Energies</i> , 2020, 13, 5012.	1.6	4
16	The effect of louver blinds on the wind-driven cross ventilation of multi-storey buildings. <i>Journal of Building Engineering</i> , 2022, 54, 104614.	1.6	4
17	An all-sky luminance and radiance distribution model for built environment studies. <i>Renewable Energy</i> , 2022, 190, 822-835.	4.3	3
18	A case study of low carbon energy plan analysis. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Reply to "On the correct use of the Gueymard diffuse radiation model for tilted surfaces" by Christian A. Gueymard. Energy Conversion and Management, 2015, 101, 789-794.	4.4	0
20	Calculation of Escaped Solar Energy in Glazing Façade Buildings. Heat Transfer Engineering, 2018, 39, 1636-1642.	1.2	0