

Ying-Chieh Chan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

360
citations

7
h-index

14
g-index

14
ext. papers

447
ext. citations

5.9
avg, IF

4.04
L-index

#	Paper	IF	Citations
13	Efficient venetian blind control strategies considering daylight utilization and glare protection. <i>Solar Energy</i> , 2013 , 98, 241-254	6.8	100
12	Experimental and simulation analysis of daylight glare probability in offices with dynamic window shades. <i>Building and Environment</i> , 2015 , 87, 244-254	6.5	98
11	A hybrid ray-tracing and radiosity method for calculating radiation transport and illuminance distribution in spaces with venetian blinds. <i>Solar Energy</i> , 2012 , 86, 3109-3124	6.8	42
10	A systematic method for selecting roller shade properties for glare protection. <i>Energy and Buildings</i> , 2015 , 92, 81-94	7	39
9	View clarity index: A new metric to evaluate clarity of view through window shades. <i>Building and Environment</i> , 2015 , 90, 206-214	6.5	34
8	Estimating detailed optical properties of window shades from basic available data and modeling implications on daylighting and visual comfort. <i>Energy and Buildings</i> , 2016 , 126, 396-407	7	19
7	Daylighting and Energy Analysis of Multi-sectional Facades. <i>Energy Procedia</i> , 2015 , 78, 189-194	2.3	14
6	Evaluation of the effectiveness of a multi-sectional facade with Venetian blinds and roller shades with automated shading control strategies. <i>Solar Energy</i> , 2020 , 212, 241-257	6.8	7
5	Daylighting performance analysis of a facade combining daylight-redirecting window film and automated roller shade. <i>Building and Environment</i> , 2021 , 191, 107596	6.5	3
4	Analysis of Balance Between Modeling Accuracy and Computational Speed for a Hybrid Ray-Tracing and Radiosity Method Used in Lighting Simulation 2013 ,		1
3	Experimental Evaluation of Solar Radiation and Solar Efficacy Models and Performance of Data-Driven Models. <i>Journal of Architectural Engineering</i> , 2021 , 27, 04020046	1.5	1
2	Evaluation of window view preference using quantitative and qualitative factors of window view content. <i>Building and Environment</i> , 2022 , 213, 108886	6.5	1
1	Real-time indoor localization with visual SLAM for in-building emergency response. <i>Automation in Construction</i> , 2022 , 140, 104319	9.6	1