

Ying-Chieh Chan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4404643/publications.pdf>

Version: 2024-02-01

14
papers

537
citations

840119

11
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and simulation analysis of daylight glare probability in offices with dynamic window shades. <i>Building and Environment</i> , 2015, 87, 244-254.	3.0	142
2	Efficient venetian blind control strategies considering daylight utilization and glare protection. <i>Solar Energy</i> , 2013, 98, 241-254.	2.9	122
3	A systematic method for selecting roller shade properties for glare protection. <i>Energy and Buildings</i> , 2015, 92, 81-94.	3.1	57
4	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.	2.9	47
5	View clarity index: A new metric to evaluate clarity of view through window shades. <i>Building and Environment</i> , 2015, 90, 206-214.	3.0	45
6	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.	3.1	25
7	Daylighting and Energy Analysis of Multi-sectional Facades. <i>Energy Procedia</i> , 2015, 78, 189-194.	1.8	22
8	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.	2.9	22
9	Window View Quality: Why It Matters and What We Should Do. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2022, 18, 259-267.	1.5	14
10	Real-time indoor localization with visual SLAM for in-building emergency response. <i>Automation in Construction</i> , 2022, 140, 104319.	4.8	14
11	Daylighting performance analysis of a facade combining daylight-redirecting window film and automated roller shade. <i>Building and Environment</i> , 2021, 191, 107596.	3.0	13
12	Evaluation of window view preference using quantitative and qualitative factors of window view content. <i>Building and Environment</i> , 2022, 213, 108886.	3.0	11
13	Experimental Evaluation of Solar Radiation and Solar Efficacy Models and Performance of Data-Driven Models. <i>Journal of Architectural Engineering</i> , 2021, 27, 04020046.	0.8	2
14	Analysis of Balance Between Modeling Accuracy and Computational Speed for a Hybrid Ray-Tracing and Radiosity Method Used in Lighting Simulation. , 2013, , .		1