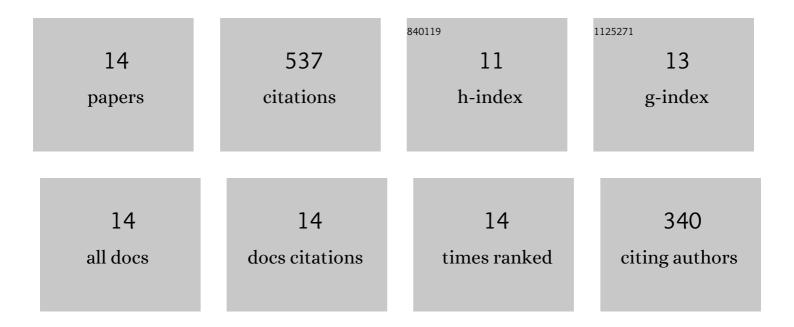
Ying-Chieh Chan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4404643/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Experimental and simulation analysis of daylight glare probability inÂoffices with dynamic window shades. Building and Environment, 2015, 87, 244-254.	3.0	142
2	Efficient venetian blind control strategies considering daylight utilization and glare protection. Solar Energy, 2013, 98, 241-254.	2.9	122
3	A systematic method for selecting roller shade properties for glare protection. Energy and Buildings, 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. Solar Energy, 2012, 86, 3109-3124.	2.9	47
5	View clarity index: A new metric to evaluate clarity of view through window shades. Building and Environment, 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. Energy and Buildings, 2016, 126, 396-407.	3.1	25
7	Daylighting and Energy Analysis of Multi-sectional Facades. Energy Procedia, 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. Solar Energy, 2020, 212, 241-257.	2.9	22
9	Window View Quality: Why It Matters and What We Should Do. LEUKOS - Journal of Illuminating Engineering Society of North America, 2022, 18, 259-267.	1.5	14
10	Real-time indoor localization with visual SLAM for in-building emergency response. Automation in Construction, 2022, 140, 104319.	4.8	14
11	Daylighting performance analysis of a facade combining daylight-redirecting window film and automated roller shade. Building and Environment, 2021, 191, 107596.	3.0	13
12	Evaluation of window view preference using quantitative and qualitative factors of window view content. Building and Environment, 2022, 213, 108886.	3.0	11
13	Experimental Evaluation of Solar Radiation and Solar Efficacy Models and Performance of Data-Driven Models. Journal of Architectural Engineering, 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