Ying-Chieh Chan

List of Publications by Year in Descending Order

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	Evaluation of window view preference using quantitative and qualitative factors of window view content. *Building and Environment*, **2022**, 213, 108886	6.5	1
12	Real-time indoor localization with visual SLAM for in-building emergency response. *Automation in Construction*, **2022**, 140, 104319	9.6	1
11	Experimental Evaluation of Solar Radiation and Solar Efficacy Models and Performance of Data-Driven Models. *Journal of Architectural Engineering*, **2021**, 27, 04020046	1.5	1
10	Daylighting performance analysis of a facade combining daylight-redirecting window film and automated roller shade. *Building and Environment*, **2021**, 191, 107596	6.5	3
9	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	6.8	7
8	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	7	19
7	Experimental and simulation analysis of daylight glare probability in offices with dynamic window shades. *Building and Environment*, **2015**, 87, 244-254	6.5	98
6	View clarity index: A new metric to evaluate clarity of view through window shades. *Building and Environment*, **2015**, 90, 206-214	6.5	34
5	Daylighting and Energy Analysis of Multi-sectional Facades. *Energy Procedia*, **2015**, 78, 189-194	2.3	14
4	A systematic method for selecting roller shade properties for glare protection. *Energy and Buildings* , **2015**, 92, 81-94	7	39
3	Efficient venetian blind control strategies considering daylight utilization and glare protection. *Solar Energy*, **2013**, 98, 241-254	6.8	100
2	Analysis of Balance Between Modeling Accuracy and Computational Speed for a Hybrid Ray-Tracing and Radiosity Method Used in Lighting Simulation **2013**,		1
1	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	6.8	42