

# Hongyi Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3623426/publications.pdf>

Version: 2024-02-01

10  
papers

160  
citations

1937457

4  
h-index

1719901

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the accuracy of circadian lighting simulation with field measurement. Journal of Building Performance Simulation, 2022, 15, 575-598.	1.0	2
2	Calculating luminous flux radiated to a camera lens via high dynamic range photogrammetry. Lighting Research and Technology, 2021, 53, 119-145.	1.2	6
3	Improving High Dynamic Range Image Based Light Measurement. , 2020, , .		1
4	Selection Methods and Procedure for Evaluation of LED Roadway Luminaires. LEUKOS - Journal of Illuminating Engineering Society of North America, 2017, 13, 159-175.	1.5	4
5	Hybrid Renewable Energy System Model Analysis: Pumped Hydrogen Storage Compared to Battery-Bank Storage Systems. , 2017, , .		1
6	The impact of display angles on the legibility of Sans-Serif 5-Å5 capitalized letters. Applied Ergonomics, 2014, 45, 865-877.	1.7	11
7	High dynamic range photogrammetry for synchronous luminance and geometry measurement. Lighting Research and Technology, 2013, 45, 230-257.	1.2	33
8	Evaluating discomfort glare from non-uniform electric light sources. Lighting Research and Technology, 2013, 45, 267-294.	1.2	38
9	Improving the quality of high dynamic range images. Lighting Research and Technology, 2011, 43, 87-102.	1.2	59
10	Lighting measurement with a 360° panoramic camera: Part 2 – Applications. Lighting Research and Technology, 0, , 147715352211015.	1.2	5