

An-Seop Choi

List of Publications by Year in Descending Order

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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.

31
papers

310
citations

9
h-index

16
g-index

32
ext. papers

371
ext. citations

5
avg, IF

3.37
L-index

#	Paper	IF	Citations
31	Simulation-based analysis of luminous environment of OLED lighting-integrated blinds for PVLED blind systems. <i>Building and Environment</i> , 2022 , 211, 108765	6.5	
30	Cloud-based lighting control systems: Fatigue analysis and recommended luminous environments. <i>Building and Environment</i> , 2022 , 214, 108947	6.5	1
29	A method to facilitate affordance perception and actualization for improving the usability of smart plugs. <i>Building and Environment</i> , 2022 , 217, 109095	6.5	
28	Recommendation of indoor luminous environment for occupants using big data analysis based on machine learning. <i>Building and Environment</i> , 2021 , 198, 107835	6.5	3
27	Platform design for lifelog-based smart lighting control. <i>Building and Environment</i> , 2020 , 185, 107267	6.5	9
26	High-Performance Accuracy of Daylight-Responsive Dimming Systems with Illuminance by Distant Luminaires for Energy-Saving Buildings. <i>Energies</i> , 2019 , 12, 731	3.1	6
25	Evaluation of UR-UVGI System for Sterilization Effect on Microorganism Contamination in Negative Pressure Isolation Ward. <i>Sustainability</i> , 2018 , 10, 3192	3.6	8
24	Accuracy evaluation of a calculation tool based on the spectral colour property of indoor luminous environments. <i>Building and Environment</i> , 2018 , 139, 157-169	6.5	6
23	Evaluation of the visibility of colored objects under led lighting with various correlated color temperatures. <i>Color Research and Application</i> , 2017 , 42, 78-88	1.3	7
22	Development of a Colour Quality Assessment Tool for indoor luminous environments affecting the circadian rhythm of occupants. <i>Building and Environment</i> , 2017 , 126, 252-265	6.5	26
21	Development and verification of a slat control method for a bi-directional PV blind. <i>Applied Energy</i> , 2017 , 206, 1321-1333	10.7	10
20	Toward the accuracy of prediction for energy savings potential and system performance using the daylight responsive dimming system. <i>Energy and Buildings</i> , 2016 , 133, 271-280	7	14
19	Simulation and perceptual evaluation of fashion shop lighting design with application of exhibition lighting techniques. <i>Building Simulation</i> , 2016 , 9, 641-658	3.9	7
18	Analysis of UGR Values and Results of UGR Calculations in Commercial Lighting Simulation Software. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2015 , 11, 141-154	3.5	3
17	A preliminary Study and suggested Evaluation Methodology for the Improved Fashion Shop Lighting Design using Museum Lighting Design. <i>Journal of the Korean Institute of Illuminating and Electrical Installation Engineers</i> , 2015 , 29, 37-46	0	1
16	Evaluation of optimized PV power generation and electrical lighting energy savings from the PV blind-integrated daylight responsive dimming system using LED lighting. <i>Solar Energy</i> , 2014 , 107, 746-757	6.8	33
15	Applying micro genetic algorithm to numerical model for luminous intensity distribution of planar prism LED luminaire. <i>Optics Communications</i> , 2013 , 293, 22-30	2	8

14	Development of a Numerical Model for the Luminous Intensity Distribution of a Planar Prism LED Luminaire for Applying an Optimization Algorithm. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2012 , 9, 57-72	3.5	1
13	Energy Saving Potentials of a 100% Outdoor Air System Integrated with Indirect and Direct Evaporative Coolers for Clean Rooms. <i>Journal of Asian Architecture and Building Engineering</i> , 2012 , 11, 399-405	1	2
12	Overall Heat Transfer Coefficient of a Korean Traditional Building Envelope Estimated Through Heat Flux Measurement. <i>Journal of Asian Architecture and Building Engineering</i> , 2011 , 10, 263-270	1	3
11	Performance of integrated systems of automated roller shade systems and daylight responsive dimming systems. <i>Building and Environment</i> , 2011 , 46, 747-757	6.5	19
10	A Preliminary Study on the Performance of Daylight Responsive Dimming Systems with Improved Closed-Loop Control Algorithm. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2011 , 8, 41-59	3.5	3
9	Luminous Characteristics of Shading Materials for Office Buildings: Perforated Panels vs. Fabric Blinds. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2010 , 6, 227-240	3.5	0
8	A Preliminary Quantitative Approach to the Measurement of Advertising Effects for Architectural Outdoor Lighting. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2008 , 4, 187-199	3.5	1
7	Rational-design process and evaluation of street-lighting design for apartment complexes. <i>Building and Environment</i> , 2007 , 42, 3001-3013	6.5	7
6	Preliminary study on luminous intensity distribution modeling of the dome pendent prismatic luminaire and application of optimization techniques. <i>Building and Environment</i> , 2007 , 42, 1173-1182	6.5	5
5	Application of the space syntax theory to quantitative street lighting design. <i>Building and Environment</i> , 2006 , 41, 355-366	6.5	18
4	The characteristics of photosensors and electronic dimming ballasts in daylight responsive dimming systems. <i>Building and Environment</i> , 2005 , 40, 39-50	6.5	48
3	Practical applications of form factor computation in lighting calculations. <i>Building and Environment</i> , 2002 , 37, 1107-1115	6.5	8
2	Development of a daylight responsive dimming system and preliminary evaluation of system performance. <i>Building and Environment</i> , 2000 , 35, 663-676	6.5	15
1	A Comparison of the Visual Comfort Probability and Unified Glare Rating Systems. <i>Leukos</i> , 1999 , 28, 94-101		8