

Heangwoo Lee

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

258
citations

933447

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996975

15
g-index

24
all docs

24
docs citations

24
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of a perforated light shelf for energy saving. Energy and Buildings, 2017, 144, 144-151.	6.7	33
2	Energy-saving performance of light shelves under the application of user-awareness technology and light-dimming control. Sustainable Cities and Society, 2019, 44, 582-596.	10.4	27
3	A preliminary study on the performance of an awning system with a built-in light shelf. Building and Environment, 2018, 131, 255-263.	6.9	24
4	Performance evaluation of a light shelf with a solar module based on the solar module attachment area. Building and Environment, 2019, 159, 106161.	6.9	20
5	Daylighting performance improvement of a light-shelf using diffused reflection. Indoor and Built Environment, 2017, 26, 717-726.	2.8	17
6	Improvement of light-shelf performance through the use of a diffusion sheet. Building and Environment, 2018, 144, 248-258.	6.9	17
7	Study on movable light-shelf system with location-awareness technology for lighting energy saving. Indoor and Built Environment, 2017, 26, 796-812.	2.8	16
8	Development of a Dimming Lighting Control System Using General Illumination and Location-Awareness Technology. Energies, 2018, 11, 2999.	3.1	11
9	Preliminary Study on the Performance Evaluation of a Light Shelf Based on Reflector Curvature. Energies, 2019, 12, 4295.	3.1	11
10	A Study of Optimal Specifications for Light Shelves with Photovoltaic Modules to Improve Indoor Comfort and Save Building Energy. International Journal of Environmental Research and Public Health, 2021, 18, 2574.	2.6	11
11	Evaluation of a light shelf based on energy consumption for lighting and air conditioning. Indoor and Built Environment, 2018, 27, 1405-1414.	2.8	10
12	Performance Evaluation of External Light Shelves by Applying a Prism Sheet. Energies, 2020, 13, 4618.	3.1	10
13	Performance Evaluation of Light-Shelf based on Light Environment and Air Conditioner Environment. KIEAE Journal, 2016, 16, 47-55.	0.3	8
14	Development and Performance Evaluation of Light Shelves Using Width-Adjustable Reflectors. Advances in Civil Engineering, 2018, 2018, 1-9.	0.7	7
15	Effects on Heart Rate Variability of Stress Level Responses to the Properties of Indoor Environmental Colors: A Preliminary Study. International Journal of Environmental Research and Public Health, 2021, 18, 9136.	2.6	6
16	Light Shelf Development Using Folding Technology and Photovoltaic Modules to Increase Energy Efficiency in Building. Buildings, 2022, 12, 81.	3.1	6
17	A Basic Study on the Performance Evaluation of a Movable Light Shelf with a Rolling Reflector That Can Change Reflectivity to Improve the Visual Environment. International Journal of Environmental Research and Public Health, 2020, 17, 8338.	2.6	5
18	Study on the application of PV modules to curved light shelves. Building and Environment, 2022, 207, 108481.	6.9	5

#	ARTICLE	IF	CITATIONS
19	Research on Lighting Performance Evaluation for Different Curvature Reflection Rate in Residential Space. Korean Journal of Air-Conditioning and Refrigeration Engineering, 2015, 27, 328-336.	0.1	4
20	A study on the application of solar modules to light shelves to improve generation and daylighting efficiency. Energy and Buildings, 2022, 261, 111976.	6.7	4
21	Development of Window-Mounted Air Cap Roller Module. Energies, 2018, 11, 1909.	3.1	3
22	Development of a wall module employing aircap layers. Energy and Buildings, 2018, 177, 413-422.	6.7	2
23	Development of Rolling Type Light-Shelf with Adjustable Reflectivity. KIEAE Journal, 2016, 16, 57-64.	0.3	1