

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
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24
all docs

24
docs citations

24
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on the application of PV modules to curved light shelves. <i>Building and Environment</i> , 2022, 207, 108481.	6.9	5
2	Light Shelf Development Using Folding Technology and Photovoltaic Modules to Increase Energy Efficiency in Building. <i>Buildings</i> , 2022, 12, 81.	3.1	6
3	A study on the application of solar modules to light shelves to improve generation and daylighting efficiency. <i>Energy and Buildings</i> , 2022, 261, 111976.	6.7	4
4	A Study of Optimal Specifications for Light Shelves with Photovoltaic Modules to Improve Indoor Comfort and Save Building Energy. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2574.	2.6	11
5	Effects on Heart Rate Variability of Stress Level Responses to the Properties of Indoor Environmental Colors: A Preliminary Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9136.	2.6	6
6	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. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8338.	2.6	5
7	Performance Evaluation of External Light Shelves by Applying a Prism Sheet. <i>Energies</i> , 2020, 13, 4618.	3.1	10
8	Performance evaluation of a light shelf with a solar module based on the solar module attachment area. <i>Building and Environment</i> , 2019, 159, 106161.	6.9	20
9	Preliminary Study on the Performance Evaluation of a Light Shelf Based on Reflector Curvature. <i>Energies</i> , 2019, 12, 4295.	3.1	11
10	Energy-saving performance of light shelves under the application of user-awareness technology and light-dimming control. <i>Sustainable Cities and Society</i> , 2019, 44, 582-596.	10.4	27
11	A preliminary study on the performance of an awning system with a built-in light shelf. <i>Building and Environment</i> , 2018, 131, 255-263.	6.9	24
12	Development of a Dimming Lighting Control System Using General Illumination and Location-Awareness Technology. <i>Energies</i> , 2018, 11, 2999.	3.1	11
13	Development of Window-Mounted Air Cap Roller Module. <i>Energies</i> , 2018, 11, 1909.	3.1	3
14	Development of a wall module employing aircap layers. <i>Energy and Buildings</i> , 2018, 177, 413-422.	6.7	2
15	Evaluation of a light shelf based on energy consumption for lighting and air conditioning. <i>Indoor and Built Environment</i> , 2018, 27, 1405-1414.	2.8	10
16	Development and Performance Evaluation of Light Shelves Using Width-Adjustable Reflectors. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-9.	0.7	7
17	Improvement of light-shelf performance through the use of a diffusion sheet. <i>Building and Environment</i> , 2018, 144, 248-258.	6.9	17
18	Daylighting performance improvement of a light-shelf using diffused reflection. <i>Indoor and Built Environment</i> , 2017, 26, 717-726.	2.8	17

#	ARTICLE	IF	CITATIONS
19	Effectiveness of a perforated light shelf for energy saving. Energy and Buildings, 2017, 144, 144-151.	6.7	33
20	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
21	Performance Evaluation of Light-Shelf based on Light Environment and Air Conditioner Environment. KIEAE Journal, 2016, 16, 47-55.	0.3	8
22	Development of Rolling Type Light-Shelf with Adjustable Reflectivity. KIEAE Journal, 2016, 16, 57-64.	0.3	1
23	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