

CITATION REPORT

List of articles citing

Light shelves: Computer assessment of daylighting performance

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Lighting Research and Technology, 1995, 27, 79-91.

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#	Paper	IF	Citations
35	Optimising daylighting in high-rise commercial developments in SE Asia and the use of computer programmes as a design tool. <i>Renewable Energy</i> , 1996 , 8, 206-209	8.1	3
34	Indoor daylight climate-comparison between light shelves and overhang performances in Madrid for hours with unit sunshine fraction and realistic values of model reflectance. <i>Solar Energy</i> , 2001 , 71, 233-239	6.8	30
33	Indoor daylight climate influence of light shelf and model reflectance on light shelf performance in Madrid for hours with unit sunshine fraction. <i>Building and Environment</i> , 2002 , 37, 587-598	6.5	47
32	Optimizing performance of the lightshelf by modifying ceiling geometry in highly luminous climates. <i>Solar Energy</i> , 2008 , 82, 343-353	6.8	41
31	A critical review of articles published on atrium geometry and surface reflectances on daylighting in an atrium and its adjoining spaces. <i>Architectural Science Review</i> , 2010 , 53, 145-156	2.6	20
30	Integration of actuatable MEMS in networked sensing systems. 2010 ,		1
29	Micro- and nano-scaled sensors and actuators for aerospace applications. 2012 ,		
28	A review on sustainable design of renewable energy systems. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 192-207	16.2	109
27	The effect of window shading design on occupant use of blinds and electric lighting. <i>Building and Environment</i> , 2013 , 64, 67-76	6.5	50
26	. 2014 ,		1
25	New static lightshelf system design of clerestory windows for Hong Kong. <i>Building and Environment</i> , 2014 , 72, 368-376	6.5	23
24	Classification of indoor daylight enhancement systems. <i>Lighting Research and Technology</i> , 2014 , 46, 245-267		25
23	Integration of a luminescent solar concentrator: Effects on daylight, correlated color temperature, illuminance level and color rendering index. <i>Solar Energy</i> , 2015 , 114, 174-182	6.8	34
22	Measured daylighting potential of a static optical louver system under real sun and sky conditions. <i>Building and Environment</i> , 2015 , 92, 347-359	6.5	25
21	Environmental Performance and Economic Analysis of Different Glazing Sunshade Systems Using Simulation Tools. <i>Journal of Computing in Civil Engineering</i> , 2016 , 30,	5	5
20	Evaluating daylight performance of light shelves combined with external blinds in south-facing classrooms in Athens, Greece. <i>Energy and Buildings</i> , 2016 , 116, 190-205	7	60
19	Shading and Daylight Systems. 2016 , 437-466		3

18	A review of daylighting design and implementation in buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 74, 959-968	16.2	85
17	Optimisation of daylight admission based on modifications of light shelf design parameters. <i>Journal of Building Engineering</i> , 2018 , 18, 195-209	5.2	29
16	Prototyping a façade-mounted, dynamic, dual-axis daylight redirection system. <i>Lighting Research and Technology</i> , 2018 , 50, 583-595	2	8
15	An investigation into the risk of night light pollution in a glazed office building: The effect of shading solutions. <i>Building and Environment</i> , 2018 , 145, 243-259	6.5	17
14	A Review of Light Shelf Designs for Daylit Environments. <i>Sustainability</i> , 2018 , 10, 71	3.6	23
13	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	10.1	18
12	A critical review of daylighting metrics for residential architecture and a new metric for cold and temperate climates. <i>Lighting Research and Technology</i> , 2019 , 51, 206-230	2	16
11	Potential annual daylighting performance of a high-efficiency daylight redirecting slat system. <i>Building Simulation</i> , 2021 , 14, 495-510	3.9	1
10	Standardization of optimization methodology of daylighting and shading strategy: a case study of an architectural design studio at the German University in Cairo, Egypt. <i>Journal of Building Performance Simulation</i> , 2021 , 14, 52-77	2.8	3
9	Estimation of daylight availability in Kolkata and approximation of indoor daylight levels for different daylighting methods. <i>International Journal of Sustainable Energy</i> , 1-29	2.7	1
8	Multi-dimensions optimization for optimum modifications of light-shelves parameters for daylighting and energy efficiency. <i>International Journal of Environmental Science and Technology</i> , 1	3.3	3
7	Sensitivity analysis linked to multi-objective optimization for adjustments of light-shelves design parameters in response to visual comfort and thermal energy performance. <i>Journal of Building Engineering</i> , 2021 , 44, 102996	5.2	5
6	Multi-objective optimization of daylight performance and thermal comfort in classrooms with light-shelves: Case studies in Tehran and Sari, Iran. <i>Energy and Buildings</i> , 2021 , 254, 111590	7	3
5	A study on the utilization status and technical development of solar tracking daylighting systems. <i>Journal of Energy Engineering</i> , 2016 , 25, 62-73		
4	Solar Lighting. <i>Green Energy and Technology</i> , 2020 , 195-212	0.6	
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