

CITATION REPORT

List of articles citing

**Experimental Validation of Autodesk 3ds Max
Design 2009 and Daysim 3.0**

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of North America, 2009, 6, 7-35.**

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#	Paper	IF	Citations
90	Evaluation of Photometric Data Files for Use in Headlamp Light Distribution. 2010 ,		1
89	The daylighting dashboard – A simulation-based design analysis for daylit spaces. <i>Building and Environment</i> , 2011 , 46, 386-396	6.5	180
88	The urban canyon and building energy use: Urban density versus daylight and passive solar gains. <i>Energy and Buildings</i> , 2011 , 43, 2011-2020	7	174
87	The “adaptive zone” – A concept for assessing discomfort glare throughout daylit spaces. <i>Lighting Research and Technology</i> , 2012 , 44, 149-170	2	138
86	Using artificial neural networks to predict the impact of daylighting on building final electric energy requirements. <i>Energy and Buildings</i> , 2013 , 61, 31-38	7	39
85	Management and monitoring of public buildings through ICT based systems: Control rules for energy saving with lighting and HVAC services. <i>Frontiers of Architectural Research</i> , 2013 , 2, 147-161	2.3	26
84	A method for predicting city-wide electricity gains from photovoltaic panels based on LiDAR and GIS data combined with hourly Daysim simulations. <i>Solar Energy</i> , 2013 , 93, 127-143	6.8	175
83	Building Information Modeling with Static and Dynamic Daylight Analysis. <i>Advanced Materials Research</i> , 2013 , 855, 255-258	0.5	1
82	A novel method to model trees for building daylighting simulation using hemispherical photography. <i>Journal of Building Performance Simulation</i> , 2013 , 6, 38-52	2.8	3
81	A validation of the Radiance three-phase simulation method for modelling annual daylight performance of optically complex fenestration systems. <i>Journal of Building Performance Simulation</i> , 2013 , 6, 24-37	2.8	85
80	Visual Comfort, Discomfort Glare, and Occupant Fenestration Control: Developing a Research Agenda. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2014 , 10, 207-221	3.5	35
79	Simulating the integration of photovoltaic technology on the modern infantry soldier using modelling and simulation: scenarios and guidelines. <i>Journal of Defense Modeling and Simulation</i> , 2014 , 11, 155-173	0.4	2
78	Simulation for pre-visualizing and tuning lighting controller behavior. <i>Energy and Buildings</i> , 2014 , 70, 287-302	7	16
77	Building Information Modeling (BIM)-based daylighting simulation and analysis. <i>Energy and Buildings</i> , 2014 , 81, 391-403	7	87
76	Assessment of climate-based daylight performance in tropical office buildings: a case study. <i>International Journal of Low-Carbon Technologies</i> , 2014 , 9, 100-108	2.8	9
75	Assessing Disability Glare Potential of Reflections from New Construction: Case Study Analysis and Recommendations for the Future. <i>Transportation Research Record</i> , 2014 , 2449, 114-122	1.7	13
74	. 2015 ,		3

73	BIM and the Predesign Process: Modeling the Unknown. 2015 , 143-155		
72	Daylight Performance of Perimeter Office Façades utilizing Semi-transparent Photovoltaic Windows: A Simulation Study. <i>Energy Procedia</i> , 2015 , 78, 334-339	2.3	22
71	Comparative Analysis of Prediction Accuracy from Daylighting Simulation Tools. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2015 , 11, 49-60	3.5	8
70	Fener: A Radiance-based modelling approach to assess the thermal and daylighting performance of complex fenestration systems in office spaces. <i>Energy and Buildings</i> , 2015 , 94, 10-20	7	42
69	Analysis of the accuracy of the sky component calculation in daylighting simulation programs. <i>Solar Energy</i> , 2015 , 119, 54-67	6.8	24
68	The impact of the software choice on dynamic daylight simulations results: A comparison between Daysim and 3ds Max Design . <i>Solar Energy</i> , 2015 , 122, 249-263	6.8	25
67	Parallel Multiple-Bounce Irradiance Caching. <i>Computer Graphics Forum</i> , 2016 , 35, 57-66	2.4	4
66	S.M.O Solution: An Innovative Design Approach to Optimize the Output of BIPV Systems Located in Dense Urban Environments. <i>Energy Procedia</i> , 2016 , 91, 945-953	2.3	7
65	Sunlight availability and potential food and energy self-sufficiency in tropical generic residential districts. <i>Solar Energy</i> , 2016 , 139, 757-769	6.8	13
64	Potential advantages of a multifunctional complex fenestration system with embedded micro-mirrors in daylighting. <i>Solar Energy</i> , 2016 , 139, 412-425	6.8	23
63	Validity of simulations for lighting and brand image evaluation. <i>Lighting Research and Technology</i> , 2016 , 48, 473-490	2	7
62	Development of annual daylight simulation algorithms for prediction of indoor daylight illuminance. <i>Energy and Buildings</i> , 2016 , 118, 1-17	7	18
61	Solar shading control strategy for office buildings in cold climate. <i>Energy and Buildings</i> , 2016 , 118, 316-328	7	44
60	Analysis of circadian stimulus allowed by daylighting in hospital rooms. <i>Lighting Research and Technology</i> , 2017 , 49, 49-61	2	36
59	Light distribution in air-supported pneumatic structures: Comparison of experimental and computer calculated daylight factors. <i>Building and Environment</i> , 2017 , 119, 110-127	6.5	5
58	A daylight optimized simulation-based shading controller for venetian blinds. <i>Building and Environment</i> , 2017 , 126, 207-220	6.5	31
57	The impact of courtyard compact urban fabric on its shading: case study of Mosul city, Iraq. <i>Energy Procedia</i> , 2017 , 122, 889-894	2.3	5
56	Field data and simulations to estimate the role of standby energy use of lighting control systems in individual offices. <i>Energy and Buildings</i> , 2017 , 155, 390-403	7	12

55	Design optimisation of perforated solar faades in order to balance daylighting with thermal performance. <i>Building and Environment</i> , 2017 , 125, 383-400	6.5	35
54	A Conceptual Framework for Integration of Evidence-Based Design with Lighting Simulation Tools. <i>Buildings</i> , 2017 , 7, 82	3.2	5
53	Some simple methods for reducing daylight simulation time. <i>Architectural Science Review</i> , 2018 , 61, 234-245	2.45	
52	Overall energy assessment and integration optimization process of semitransparent PV glazing technologies. <i>Progress in Photovoltaics: Research and Applications</i> , 2018 , 26, 473-490	6.8	10
51	A comparison of two light-redirecting fenestration systems using a modified modeling technique for Radiance 3-phase method simulations. <i>Solar Energy</i> , 2018 , 161, 47-63	6.8	14
50	A review of thermal and optical characterisation of complex window systems and their building performance prediction. <i>Applied Energy</i> , 2018 , 222, 729-747	10.7	45
49	Analysis of performance of the daylight into critical liveable area of type designed dwelling unit on the basis of daylight metrics for hot and dry climate. <i>Indoor and Built Environment</i> , 2018 , 27, 129-142	1.8	1
48	State-of-the-art review of solar design tools and methods for assessing daylighting and solar potential for building-integrated photovoltaics. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 81, 1296-1328	16.2	71
47	A GIS tool for the calculation of solar irradiation on buildings at the urban scale, based on Italian standards. <i>Energy and Buildings</i> , 2018 , 158, 629-646	7	12
46	A Spatio-Temporal Decision Support System for Designing With Street Trees. <i>International Journal of E-Planning Research</i> , 2018 , 7, 1-24	1.3	3
45	The Floodlighting Design System Based on the Object's Daytime Photography. 2018 ,		
44	Investigation on the daylight and overall energy performance of semi-transparent photovoltaic facades in cold climatic regions of China. <i>Applied Energy</i> , 2018 , 232, 517-526	10.7	24
43	UAE heritage buildings converted into museums: Evaluation of daylighting effectiveness and potential risks on artifacts and visual comfort. <i>Energy and Buildings</i> , 2018 , 176, 333-359	7	18
42	The impact of room surface reflectance on corneal illuminance and rule-of-thumb equations for circadian lighting design. <i>Building and Environment</i> , 2018 , 141, 288-297	6.5	36
41	Assessment of skylight design configurations on daylighting performance in shopping malls: A case study. <i>Solar Energy</i> , 2018 , 170, 358-368	6.8	14
40	Indoor-type photovoltaics with organic solar cells through optimal design. <i>Dyes and Pigments</i> , 2018 , 159, 306-313	4.6	54
39	Daylighting design for healthy environments: Analysis of educational spaces for optimal circadian stimulus. <i>Solar Energy</i> , 2019 , 193, 584-596	6.8	20
38	Simplified vector-based model tailored for urban-scale prediction of solar irradiance. <i>Solar Energy</i> , 2019 , 183, 566-586	6.8	10

37	100 Years of daylighting: A chronological review of daylight prediction and calculation methods. <i>Solar Energy</i> , 2019 , 194, 360-390	6.8	30
36	Effects of real-time simulation feedback on design for visual comfort. <i>Journal of Building Performance Simulation</i> , 2019 , 12, 343-361	2.8	11
35	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
34	A comparative study on thermoelectric performances and energy savings of double-skin photovoltaic windows in cold regions of China. <i>Solar Energy</i> , 2020 , 206, 464-472	6.8	8
33	Luminance distribution projection method in dynamic floodlight design for architectural features. <i>Automation in Construction</i> , 2020 , 119, 103360	9.6	7
32	Simulating energy savings potential with high-resolution daylight and occupancy sensing in open-plan offices. <i>Journal of Building Performance Simulation</i> , 2020 , 13, 606-619	2.8	2
31	A review on light transport algorithms and simulation tools to model daylighting inside buildings. <i>Solar Energy</i> , 2020 , 198, 623-642	6.8	16
30	Construction of force haptic reappearance system based on Geomagic Touch haptic device. <i>Computer Methods and Programs in Biomedicine</i> , 2020 , 190, 105344	6.9	32
29	A review on machine learning algorithms to predict daylighting inside buildings. <i>Solar Energy</i> , 2020 , 202, 249-275	6.8	26
28	Self-organizing profiles to characterize representative temporal settings for daylight simulations. <i>Solar Energy</i> , 2021 , 214, 248-267	6.8	2
27	RadVR: A 6DOF Virtual Reality Daylighting Analysis Tool. <i>Automation in Construction</i> , 2021 , 125, 103623	9.6	3
26	Improvement of the electricity performance of bifacial PV module applied on the building envelope. <i>Energy and Buildings</i> , 2021 , 238, 110849	7	4
25	LED Luminaires: Many Chips Many Photometric and Lighting Simulation Issues to Solve. <i>Energies</i> , 2021 , 14, 4646	3.1	2
24	Parametric optimization of daylight, thermal and energy performance of middle school classrooms, case of hot and dry regions. <i>Building and Environment</i> , 2021 , 204, 108173	6.5	14
23	Solar shading and multi-zone thermal simulation: Parsimonious modelling at urban scale. <i>Energy and Buildings</i> , 2021 , 249, 111176	7	2
22	Energy and Daylighting Evaluation of Integrated Semitransparent Photovoltaic Windows with Internal Light Shelves in Open-Office Buildings. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-21	1.3	11
21	Designerly optimization of devices (as reflectors) to improve daylight and scrutiny of the light-well configuration. <i>Building Simulation</i> , 1	3.9	1
20	Solar Soldier: Virtual Reality Simulations and Guidelines for the Integration of Photovoltaic Technology on the Modern Infantry Soldier. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 141-154	9.4	

19	A Spatio-Temporal Decision Support System for Designing With Street Trees. 2019 , 533-560		
18	Dynamic analysis of office lighting smart controls management based on user requirements. <i>Automation in Construction</i> , 2022 , 133, 104021	9.6	1
17	Subdivided venetian blind control strategies considering visual satisfaction of occupants, daylight metrics, and energy analyses. <i>Energy and Buildings</i> , 2022 , 257, 111767	7	1
16	Integration of bifacial photovoltaics in agrivoltaic systems: A synergistic design approach. <i>Applied Energy</i> , 2022 , 309, 118475	10.7	5
15	Solar energy density as a benchmark to improve daylight availability and energy performance in buildings: A single metric for a single-objective optimization. <i>Solar Energy</i> , 2022 , 234, 304-318	6.8	0
14	Quantitative Assessment of Architectural Lighting Designs. <i>Sustainability</i> , 2022 , 14, 3934	3.6	0
13	Comprehensive analysis of electrical-optical performance and application potential for 3D concentrating photovoltaic window. <i>Renewable Energy</i> , 2022 , 189, 369-382	8.1	1
12	Study on natural lighting and electrical performance of louvered photovoltaic windows in hot summer and cold winter areas. <i>Energy and Buildings</i> , 2022 , 271, 112313	7	0
11	Optical characterization of historical coloured stained glasses in winter gardens and their modelling in daylight availability simulations. 2022 , 243, 22-34		1
10	Renovating Heritage Buildings into Daylit Enjoyable and Visually Comfortable Museums/Galleries. 2022 , 305-330		0
9	Effects of inter-reflections on the correlated colour temperature and colour rendition of the light field. 147715352211269		1
8	Parametric-Based Multi-Objective Optimization Workflow: Daylight and Energy Performance Study of Hospital Building in Algeria. 2022 , 14, 12652		0
7	AnimalDraw: Drawing Animal Cardboard Toys Design for Children's Art Education and Entertainment. 2022 ,		0
6	Selection of spatial sensitivity curve and installation location of photosensors for daylight-linked control systems in space with dynamic shading devices. 2023 , 230, 109984		0
5	Scene Editing as Teleoperation: A Case Study in 6DoF Kit Assembly. 2022 ,		0
4	Effect of semi-transparent a-Si PV glazing within double-skin façades on visual and energy performances under the UK climate condition. 2023 , 207, 601-610		1
3	Field validation of isotropic analytical models for simulating fabric shades. 2023 , 236, 110223		0
2	Implementing natural ventilation and daylighting strategies for thermal comfort and energy efficiency in office buildings in Burkina Faso. 2023 , 9, 3319-3342		0

- 1 Optimal design of inhomogeneous semi-transparent photovoltaic windows based on daylight performance and visual characters. **2023**, 283, 112808

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