

CITATION REPORT

List of articles citing

Useful daylight illuminances: A replacement for daylight factors

DOI: 10.1016/j.enbuild.2006.03.013
Energy and Buildings, 2006, 38, 905-913.

Source: <https://exaly.com/paper-pdf/40459070/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
430	Dynamic Daylight Performance Metrics for Sustainable Building Design. 2006 , 3, 7-31		377
429	Assessment and prediction of daylight performance in high-rise office buildings. 2008 , 17, 953-976		7
428	Graphical Representation of Climate-Based Daylight Performance to Support Architectural Design. 2008 , 5, 39-61		31
427	An intuitive daylighting performance analysis and optimization approach. 2008 , 36, 593-607		36
426	Daylight metrics and energy savings. 2009 , 41, 261-283		179
425	Developing a transparent shading device as a daylighting system. 2009 , 37, 148-163		14
424	Application of high-density daylight for indoor illumination. 2010 , 35, 2654-2666		27
423	Daylighting performance evaluation of a bottom-up motorized roller shade. 2010 , 84, 2120-2131		13
422	A Study on Daylight Distribution and the Associated Heat Gain of a Typical Flat in Hong Kong Commercial Buildings. 2010 , 34, 105-110		
421	Indoor Daylight Simulation Using Radiosity Method. 2011 ,		1
420	Illuminance measurements through HDR imaging photometry in scholastic environment. <i>Energy and Buildings</i> , 2011 , 43, 2843-2849	7	6
419	A personalized measure of thermal comfort for building controls. 2011 , 46, 3-11		114
418	Assessment of the thermal and visual efficiency of solar shades. 2011 , 46, 1489-1496		84
417	ThermalOpt: A methodology for automated BIM-based multidisciplinary thermal simulation for use in optimization environments. 2011 , 4, 293-313		64
416	The daylighting dashboard – A simulation-based design analysis for daylit spaces. 2011 , 46, 386-396		180
415	Illuminance-based slat angle selection model for automated control of split blinds. 2011 , 46, 786-796		41
414	Lighting in indoor environments: Visual and non-visual effects of light sources with different spectral power distributions. 2011 , 46, 1984-1992		136

413	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
412	Designing energy efficient commercial buildingsâ systems framework. <i>Energy and Buildings</i> , 2011 , 43, 2329-2343	7	28
411	The relationship between wall reflectance and daylight factor in real rooms. 2011 , 54, 329-334		9
410	Visual Comfort Analysis of Innovative Interior and Exterior Shading Systems for Commercial Buildings using High Resolution Luminance Images. 2011 , 7, 167-188		14
409	A Comparison of Lighting Energy Modeling Methods to Simulate Annual Energy Use and Peak Demand. 2012 , 9, 109-126		
408	Comprehensive annual daylight design through a goal-based approach. 2012 , 40, 154-173		18
407	BIM-Centric Daylight Profiler for Simulation (BDP4SIM): A methodology for automated product model decomposition and recomposition for climate-based daylighting simulation. 2012 , 58, 114-134		31
406	Energy Saving Through the Sun: Analysis of Visual Comfort and Energy Consumption in Office Space. 2012 , 30, 693-703		16
405	Introduction of a New Daylighting Quality Benchmarking Method. 2012 ,		
404	Occupancy pattern based intelligent control for improving energy efficiency in buildings. 2012 ,		7
403	Daylighting and thermal performance of automated split-controlled blinds. 2012 , 56, 127-138		49
402	Considerations on design optimization criteria for windows providing low energy consumption and high visual comfort. 2012 , 95, 238-245		189
401	A statistical approach for the evaluation of thermal and visual comfort in free-running buildings. <i>Energy and Buildings</i> , 2012 , 47, 402-410	7	47
400	Thermal and lighting behavior of office buildings in Santiago of Chile. <i>Energy and Buildings</i> , 2012 , 47, 441-449	7	55
399	Daylighting and energy analysis of private offices with automated interior roller shades. 2012 , 86, 681-704		88
398	External perforated Solar Screens for daylighting in residential desert buildings: Identification of minimum perforation percentages. 2012 , 86, 1929-1940		36
397	Towards an analysis of the performance of lightwell skylights under overcast sky conditions. <i>Energy and Buildings</i> , 2013 , 64, 10-16	7	12
396	Optimizing the configuration of a faade module for office buildings by means of integrated thermal and lighting simulations in a total energy perspective. 2013 , 108, 515-527		106

395	Visual comfort assessment of smart photovoltachromic windows. <i>Energy and Buildings</i> , 2013 , 65, 137-145		40
394	Dynamic daylight performance data for plants in four-sided atria. 2013 , 45, 521-537		
393	Manually-operated window shade patterns in office buildings: A critical review. 2013 , 60, 319-338		150
392	The city and urban heat islands: A review of strategies to mitigate adverse effects. 2013 , 25, 749-758		296
391	See-through amorphous silicon solar cells with selectively transparent and conducting photonic crystal back reflectors for building integrated photovoltaics. 2013 , 103, 221109		20
390	A double-pane window with enclosed horizontal slats for daylighting in buildings in the tropics. <i>Energy and Buildings</i> , 2013 , 62, 27-36	7	11
389	Comparative control strategies for roller shades with respect to daylighting and energy performance. 2013 , 67, 179-192		91
388	Sensitivity analysis on daylighting and energy performance of perimeter offices with automated shading. 2013 , 59, 303-314		81
387	An Expert System Based on OpenStudio Platform for Evaluation of Daylighting System Design. 2013 ,		3
386	Energy matrices of the building by incorporating daylight concept for composite climateâAn experimental study. 2014 , 6, 053122		10
385	Integral energy performance characterization of semi-transparent photovoltaic elements for building integration under real operation conditions. <i>Energy and Buildings</i> , 2014 , 68, 280-291	7	60
384	Genetic optimization of external fixed shading devices. <i>Energy and Buildings</i> , 2014 , 72, 431-440	7	72
383	Study of harmonics issued from electronic ballast used to reduce energy consumption in Thailand's building. 2014 ,		
382	Automated Vertical Blinds for Daylighting in Tropical Region. 2014 , 52, 278-286		14
381	Energy saving potential of semi-transparent photovoltaic elements for building integration. 2014 , 76, 572-583		65
380	Winter and summer analysis of daylight characteristics in offices. 2014 , 81, 150-161		17
379	Solar shading control strategies in cold climates âHeating, cooling demand and daylight availability in office spaces. 2014 , 107, 182-194		67
378	Measuring the dynamics of contrast & daylight variability in architecture: A proof-of-concept methodology. 2014 , 81, 320-333		31

377	Climate-based daylighting analysis for the effects of location, orientation and obstruction. 2014 , 46, 268-280		19
376	Viability of exterior shading devices for high-rise residential buildings: Case study for cooling energy saving and economic feasibility analysis. <i>Energy and Buildings</i> , 2014 , 82, 771-785	7	68
375	Importance of building orientation in determining daylighting quality in student dorm rooms: Physical and simulated daylighting parametersâvalues compared to subjective survey results. <i>Energy and Buildings</i> , 2014 , 77, 158-170	7	23
374	An innovative lighting system for residential application that optimizes visual comfort and conserves energy for different user needs. <i>Energy and Buildings</i> , 2014 , 83, 217-224	7	17
373	A study of the impact of environmental loads that penetrate a passive skylight roofing system in Malaysian buildings. 2014 , 3, 178-191		37
372	An investigation into the impact of movable solar shades on energy, indoor thermal and visual comfort improvements. 2014 , 71, 24-32		82
371	Bibliography. 2014 , 170-175		
370	Influence of WWR, WG and Glazing Properties on the Annual Heating and Cooling Energy Demand in Buildings. 2015 , 78, 2458-2463		9
369	Shaping an Origami Shading Device through Visual and Thermal Simulations. 2015 , 78, 346-351		20
368	A Study on External Shading Devices for Reducing Cooling Loads and Improving Daylighting in Office Buildings. 2015 , 14, 687-694		6
367	. 2015 ,		28
366	Methodology for Assessing Daylighting Design Strategies in Classroom with a Climate-Based Method. 2015 , 7, 880-897		19
365	Assessment of daylight in rooms with different architectural features. 2015 , 43, 222-237		17
364	Assessing the allowable daylight illuminance from skylights in single-storey buildings in Malaysia: a review. 2015 , 6, 236-248		14
363	School Building Heritage: Energy Efficiency, Thermal and Lighting Comfort Evaluation Via Virtual Tour. 2015 , 78, 3168-3173		10
362	Predicting the hourly Hong Kong representative sky from Typical Meteorological Year data for dynamic daylighting simulation. 2015 , 47, 730-739		6
361	A comparison of scale-model photometry and computer simulation in day-lit spaces using a normalized daylight performance index. <i>Energy and Buildings</i> , 2015 , 89, 76-86	7	7
360	Daylighting Systems for Sustainable Indoor Lighting. 2015 , 221-261		0

359	A systematic method for selecting roller shade properties for glare protection. <i>Energy and Buildings</i> , 2015 , 92, 81-94	7	39
358	Sustainable Indoor Lighting. 2015 ,		3
357	Adaptive façade design for the daylighting performance in an office building: the investigation of an opening design strategy with cellular automata. 2015 , 10, 313-320		6
356	Experimental and simulation analysis of daylight glare probability in offices with dynamic window shades. 2015 , 87, 244-254		98
355	Comfort considerations in Net ZEBs: theory and design. 2015 , 75-106		2
354	Multi-objective optimization of a nearly zero-energy building based on thermal and visual discomfort minimization using a non-dominated sorting genetic algorithm (NSGA-II). <i>Energy and Buildings</i> , 2015 , 104, 378-394	7	134
353	Bi-objective optimization of building enclosure design for thermal and lighting performance. 2015 , 92, 591-602		62
352	A daylight factor model under clear sky conditions for building: An experimental validation. 2015 , 115, 379-389		26
351	A review of indices for assessing visual comfort with a view to their use in optimization processes to support building integrated design. 2015 , 47, 1016-1033		179
350	Effect of internal woven roller shade and glazing on the energy and daylighting performances of an office building in the cold climate of Shillong. 2015 , 159, 317-333		41
349	Daylight availability assessment and its potential energy saving estimation – a literature review. 2015 , 52, 494-503		92
348	The impact of the software choice on dynamic daylight simulations – results: A comparison between Daysim and 3ds Max Design . 2015 , 122, 249-263		25
347	Mitigating office performance uncertainty of occupant use of window blinds and lighting using robust design. 2015 , 8, 621-636		39
346	The role of weather data files in Climate-based Daylight Modeling. 2015 , 112, 169-182		33
345	Dynamic Commercial Façades versus Traditional Construction: Energy Performance and Comparative Analysis. 2015 , 141, 04014041		11
344	Determination of Glazing Material Influence on the Energy Performance of Office Buildings Using Dynamic Simulation Techniques. 2016 , 73, 02026		
343	Daylighting Design in Classroom Based on Yearly-Graphic Analysis. 2016 , 8, 604		7
342	Impact of Manually Controlled Solar Shades on Indoor Visual Comfort. 2016 , 8, 727		13

341	Office Occupants' Mood and Preference of Task Ambient Lighting in the Tropics. 2016 , 66, 00031		0
340	Energy Efficient Passive Building: A Case Study of SODHA BERS COMPLEX. 2016 , 1, 109-183		2
339	An incorporation of contemporary daylight assessment methods into architecture and urban planning of residential areas in Poland. 2016 ,		1
338	Daylight Performance of a Naturally Ventilated Building as Parameter for Energy Management. 2016 , 90, 382-394		4
337	The Review of the Selected Challenges for an Incorporation of Daylight Assessment Methods into Urban Planning in Poland. 2016 , 161, 2191-2197		9
336	Three approaches to optimize optical properties and size of a South-facing window for spatial Daylight Autonomy. 2016 , 102, 243-256		21
335	Daylighting performance and glare calculation of a suspended particle device switchable glazing. 2016 , 132, 114-128		40
334	Daylight illuminance in urban environments for visual comfort and energy performance. 2016 , 66, 861-874		55
333	Energy analysis of the daylighting from a double-pane glazed window with enclosed horizontal slats in the tropics. <i>Energy and Buildings</i> , 2016 , 128, 413-430	7	7
332	Daylighting and energy performance of a building for composite climate: An experimental study. 2016 , 55, 3091-3100		12
331	Uncertainty and sensitivity analyses of energy and visual performances of office building with external venetian blind shading in hot-dry climate. 2016 , 184, 155-170		45
330	Towards daylight inclusive bye-law: Daylight as an energy saving route for affordable housing in India. 2016 , 34, 1-9		23
329	Optimal control and performance of photovoltachromic switchable glazing for building integration in temperate climates. 2016 , 178, 943-961		56
328	Aspects and issues of daylighting assessment: A review study. 2016 , 66, 852-860		42
327	Why are daylight-linked controls (DLCs) not so spread? A literature review. 2016 , 106, 301-312		47
326	Comparison of the overall energy performance of semi-transparent photovoltaic windows and common energy-efficient windows in Hong Kong. <i>Energy and Buildings</i> , 2016 , 128, 511-518	7	65
325	Potential advantages of a multifunctional complex fenestration system with embedded micro-mirrors in daylighting. 2016 , 139, 412-425		23
324	THE CHARACTERISTICS OF INDEXES AND CRITERIA FOR DAYLIGHTING. 2016 , 81, 1917-1927		1

323	. 2016,		2
322	Exploring Horizontal and Vertical Illuminance Daylighting Uniformity Metrics. 2016,		
321	Model-based shading and lighting controls considering visual comfort and energy use. 2016, 134, 416-428		56
320	Climate-based daylight analysis of fixed shading devices in an open-plan office. 2016, 48, 205-220		10
319	Passive performance and building form: An optimization framework for early-stage design support. 2016, 125, 161-179		118
318	Revisiting the national standard of daylighting in Indonesia: A study of five daylit spaces in Bandung. 2016, 126, 276-290		10
317	Occupant interactions with shading and lighting systems using different control interfaces: A pilot field study. 2016, 97, 177-195		86
316	Performance of Semi-transparent Photovoltaic Façades. 2016, 279-320		
315	Performance evaluation of building integrated solar thermal shading system: Building energy consumption and daylight provision. <i>Energy and Buildings</i> , 2016, 113, 189-201	7	38
314	Design optimisation for window size, orientation, and wall reflectance with regard to various daylight metrics and lighting energy demand: A case study of buildings in the tropics. 2016, 164, 211-219		111
313	Variability in dynamic daylight simulation in clear sky conditions according to selected weather file: Satellite data and land-based station data. 2017, 49, 508-520		1
312	Uncertainty in daylight calculations. 2017, 49, 829-844		9
311	Simulation-based daylighting analysis procedure for developing urban zoning rules. 2017, 45, 478-491		21
310	Optimization of thermal and daylight performance of school buildings based on a multi-objective genetic algorithm in the cold climate of China. <i>Energy and Buildings</i> , 2017, 139, 371-384	7	91
309	Integrative algorithm to optimize skylights considering fully impacts of daylight on energy. <i>Energy and Buildings</i> , 2017, 138, 655-665	7	20
308	Analysis of daylight metrics of side-lit room in Canton, south China: A comparison between daylight autonomy and daylight factor. <i>Energy and Buildings</i> , 2017, 138, 347-354	7	34
307	State of the art of advanced solar control devices for buildings. 2017, 154, 112-133		49
306	Analysis of the daylight performance of a glazing system with Parallel Slat Transparent Insulation Material (PS-TIM). <i>Energy and Buildings</i> , 2017, 139, 616-633	7	28

305	Multi-criteria analysis for the integrated performance assessment of complex fenestration systems. 2017 , 45, 926-942		6
304	Daylight performance and users' visual appraisal for green building offices in Malaysia. <i>Energy and Buildings</i> , 2017 , 141, 175-185	7	25
303	Building integration of semitransparent perovskite-based solar cells: Energy performance and visual comfort assessment. 2017 , 194, 94-107		59
302	External shading in buildings: comparative analysis of daylighting performance in static and kinetic operation scenarios. 2017 , 60, 126-136		23
301	Performance evaluation of light shelves. <i>Energy and Buildings</i> , 2017 , 140, 19-27	7	28
300	Daylight-linked synchronized shading operation using simplified model-based control. <i>Energy and Buildings</i> , 2017 , 145, 200-212	7	31
299	Assessing window area and potential for electricity savings by using daylighting and hybrid ventilation in office buildings in southern Brazil. 2017 , 93, 935-949		6
298	Optimization of an External Perforated Screen for Improved Daylighting and Thermal Performance of an Office Space. 2017 , 180, 571-581		17
297	The effectiveness of the parametric design 'Budare' blind as external shading for energy efficiency and visibility quality in Jakarta. 2017 , 13, 384-403		5
296	Daylight and thermal harvesting performance evaluation of a liquid filled prismatic façade using the Radiance five-phase method and EnergyPlus. 2017 , 126, 396-409		22
295	Development of a comprehensive method to analyse glazing systems with Parallel Slat Transparent Insulation material (PS-TIM). 2017 , 205, 951-963		27
294	Improving energy and visual performance in offices using building integrated perovskite-based solar cells: A case study in Southern Italy. 2017 , 205, 834-846		37
293	Investigation of visual comfort metrics from subjective responses in China: A study in offices with daylight. 2017 , 123, 661-671		32
292	Experimental validation of ray tracing as a means of image-based visual discomfort prediction. 2017 , 113, 131-150		31
291	Daylit offices: A comparison between measured parameters assessing light quality and users' opinions. 2017 , 113, 92-106		33
290	Effects of louvers shading devices on visual comfort and energy demand of an office building. A case of study. 2017 , 140, 207-216		22
289	Analysis of Typical Meteorological Year selection for energy simulation of building with daylight utilization. 2017 , 205, 3080-3087		8
288	Health and well-being in indoor work environments: a review of literature. 2017 ,		3

287	Evaluation of Suitability of a Parametrically Controlled Louvers for Various Orientations throughout a Year Comparing to an Existing Case. 2017 , 7, 109		9
286	Assessment of daylight performance of a commercial office space in hot, arid climate for enhanced visual comfort conditions. 2017 ,		0
285	The Impact of Shading Type and Azimuth Orientation on the Daylighting in a Classroom—Focusing on Effectiveness of Façade Shading, Comparing the Results of DA and UDI. 2017 , 10, 635		13
284	A Review of Daylighting Strategies in Schools: State of the Art and Expected Future Trends. 2017 , 7, 41		19
283	Simulation-Based Multiobjective Optimization of Timber-Glass Residential Buildings in Severe Cold Regions. 2017 , 9, 2353		14
282	Perforated Thermal Mass Shading: An Approach to Winter Solar Shading and Energy, Shading and Daylighting Performance. 2017 , 10, 1955		6
281	Overall energy assessment and integration optimization process of semitransparent PV glazing technologies. 2018 , 26, 473-490		10
280	A comparative study of various daylighting systems in office buildings for improving energy efficiency in Egypt. 2018 , 18, 360-376		4
279	Bayesian classification and inference of occupant visual preferences in daylit perimeter private offices. <i>Energy and Buildings</i> , 2018 , 166, 505-524	7	17
278	A comparison of two light-redirecting fenestration systems using a modified modeling technique for Radiance 3-phase method simulations. 2018 , 161, 47-63		14
277	Multi-disciplinary and multi-objective optimization problem re-formulation in computational design exploration: A case of conceptual sports building design. 2018 , 92, 242-269		27
276	A review of thermal and optical characterisation of complex window systems and their building performance prediction. 2018 , 222, 729-747		45
275	Comfort and energy performance analysis of different glazing systems coupled with three shading control strategies. 2018 , 24, 545-558		20
274	Prototyping a façade-mounted, dynamic, dual-axis daylight redirection system. 2018 , 50, 583-595		8
273	“Out of Sight, Out of Mind?”—The Role of Physical Stressors, Cognitive Appraisal, and Positive Emotions in Employees’ Health. 2018 , 50, 86-115		9
272	Glazing systems with Parallel Slats Transparent Insulation Material (PS-TIM): Evaluation of building energy and daylight performance. <i>Energy and Buildings</i> , 2018 , 159, 213-227	7	18
271	Daylight characteristics of a polymer dispersed liquid crystal switchable glazing. 2018 , 174, 572-576		37
270	Effects of daylight design features on visitors’ satisfaction of museums. 2018 , 27, 1341-1356		11

269	Estudo piloto para elementos de controle solar desenvolvidos com modelagem paramétrica e fabricação digital. 2018 , 18, 67-82	2
268	Integrated Daylighting Design by Combining Passive Method with DaySim in a Classroom. 2018 , 11, 3168	8
267	The Effects of Natural Daylight on Length of Hospital Stay. 2018 , 12, 1178630218812817	7
266	Daylight Performance of Classrooms in a Mediterranean School Heritage Building. 2018 , 10, 3705	32
265	Innovative electrochromic devices: Energy savings and visual comfort effects. 2018 , 148, 900-907	10
264	A Simplified Approach for the Annual and Spatial Evaluation of the Comfort Classes of Daylight Glare Using Vertical Illuminances. 2018 , 8, 171	14
263	New Daylighting Metrics. 2018 ,	1
262	Deducing the Optimal Control Method for Electrochromic Triple Glazing through an Integrated Evaluation of Building Energy and Daylight Performance. 2018 , 11, 2205	12
261	Integrated semi-transparent cadmium telluride photovoltaic glazing into windows: Energy and daylight performance for different architecture designs. 2018 , 231, 972-984	48
260	Application of Climate Based Daylight Modelling to the Refurbishment of a School Building in Sicily. 2018 , 10, 2653	21
259	Experimental Assessment of the Energy Performance of a Double-Skin Semi-Transparent PV Window in the Hot-Summer and Cold-Winter Zone of China. 2018 , 11, 1700	8
258	Smart lighting system using ANN-IMC for personalized lighting control and daylight harvesting. 2018 , 139, 170-180	51
257	Energy savings due to building integration of innovative solid-state electrochromic devices. 2018 , 225, 975-985	40
256	Determination of appropriate metrics for indicating indoor daylight availability and lighting energy demand using genetic algorithm. 2018 , 170, 1074-1086	17
255	Application of High-Dynamic Range Imaging Techniques in Architecture: A Step toward High-Quality Daylit Interiors?. 2018 , 4, 19	10
254	Evaluation of the thermal and optical performance of thermochromic windows for office buildings in China. <i>Energy and Buildings</i> , 2018 , 176, 216-231	7 41
253	Photometric measurements of lighting quality: An overview. 2018 , 138, 42-52	51
252	Influência de métricas dinâmicas na avaliação do aproveitamento da luz natural em clima tropical. 2018 , 18, 29-47	2

251	Numerical investigation of a novel vacuum photovoltaic curtain wall and integrated optimization of photovoltaic envelope systems. 2018 , 229, 1048-1060		25
250	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
249	Optical aspects and energy performance of switchable ethylene-tetrafluoroethylene (ETFE) foil cushions. 2018 , 229, 335-351		21
248	Prediction of climate-based daylight metrics by simulating monthly median illuminance. 2019 ,		
247	A Review of Daylighting System: For Prototype Systems Performance and Development. 2019 , 12, 2863		14
246	Split-pane electrochromic window control based on an embedded photometric device with real-time daylighting computing. 2019 , 161, 106229		1
245	Environmental performance of window systems in patient rooms: a case study in the Belgian context. 2019 , 323, 012151		
244	Exploring blind spots in collaborative value creation in building design: a creativity perspective. 2019 , 1-18		3
243	Strategic Office Lighting. 2019 , 183-214		
242	Energy optimization of high-rise commercial buildings integrated with photovoltaic facades in urban context. 2019 , 172, 1-17		37
241	Smart perovskite-based technologies for building integration:. 2019 , 441-466		1
240	An investigation of the impact of Building Azimuth on energy consumption in sizhai traditional dwellings. 2019 , 180, 594-614		8
239	Daylighting characteristics and experimental validation of a novel concentrating photovoltaic/daylighting system. 2019 , 186, 264-276		9
238	Numerical investigation on the impact of an on-top sunspace passive heating approach for typical rural buildings in northern China. 2019 , 186, 300-310		14
237	Daylighting Strategies in Tropical Coastal Area. 2019 , 7, 75-91		1
236	An exploration of the combined effects of NIR and VIS spectrally selective thermochromic materials on building performance. <i>Energy and Buildings</i> , 2019 , 201, 149-162	7	14
235	Full-scale experimental testing of integrated dynamically-operated roller shades and lighting in perimeter office spaces. 2019 , 186, 17-28		12
234	Impact of Building Design Parameters on Daylighting Metrics Using an Analysis, Prediction, and Optimization Approach Based on Statistical Learning Technique. 2019 , 11, 1474		19

233	Multi-objective energy and daylight optimization of amorphous shading devices in buildings. 2019 , 185, 100-111		51
232	. 2019 , 7, 28478-28486		1
231	The impact of glazing ratio and window configuration on occupants's comfort and energy demand: The case study of a school building in Eskisehir, Turkey. 2019 , 47, 101483		33
230	On optimal and near-optimal shapes of external shading of windows in apartment buildings. 2019 , 14, e0212710		4
229	An early-stage design optimization for office buildings's facade providing high-energy performance and daylight. 2019 , 28, 1350-1367		17
228	Dynamic evaluation of daylight availability in a highly-dense Chinese residential area with a cold climate. <i>Energy and Buildings</i> , 2019 , 193, 139-159	7	7
227	Minimum Daylight Autonomy: A New Concept to Link Daylight Dynamic Metrics with Daylight Factors. 2019 , 15, 251-269		9
226	O novo ambiente de trabalho: diversidade ambiental e flexibilidade do espaç. 2019 , 26, e161676		
225	Skylight Sizing based on balancing Daylighting Performance and Visual Comfort in Atrium Buildings. 2019 , 556, 012051		
224	Simulation and control of shading systems for glazed facades. 2019 , 352, 012069		0
223	Investigation of day light levels in a room within a building. 2019 , 640, 012013		
222	100 Years of daylighting: A chronological review of daylight prediction and calculation methods. 2019 , 194, 360-390		30
221	. 2019 ,		0
220	Daylighting and Visual Comfort Performance of Integrated Dynamic Roller Shades and Lighting Controls. 2019 ,		0
219	Facade form-finding with swarm intelligence. 2019 , 99, 140-151		10
218	Overall energy assessment of semi-transparent photovoltaic insulated glass units for building integration under different climate conditions. 2019 , 134, 818-827		13
217	A 3D spatial data model of the solar rights associated with individual residential properties. 2019 , 74, 88-99		14
216	Does typical weather data allow accurate predictions of daylight quality and daylight-responsive control system performance. <i>Energy and Buildings</i> , 2019 , 184, 72-87	7	8

215	Optimization of window-to-wall ratio with sunshades in China low latitude region considering daylighting and energy saving requirements. 2019 , 233-234, 62-70	45
214	Investigation of Mg-Y coated gasochromic smart windows for building applications. 2019 , 12, 99-112	9
213	Assessing the effectiveness of dynamic metrics in predicting daylight availability and visual comfort in classrooms. 2019 , 134, 669-680	22
212	Development of experimental methods for quantifying the human response to chromatic glazing. 2019 , 147, 199-210	9
211	Effects of real-time simulation feedback on design for visual comfort. 2019 , 12, 343-361	11
210	Analysis of the daylight performance of window integrated photovoltaics systems. 2020 , 145, 153-163	23
209	Comprehensive evaluation of window-integrated semi-transparent PV for building daylight performance. 2020 , 145, 1399-1411	35
208	A simulation-aided approach in improving thermal-visual comfort and power efficiency in buildings. 2020 , 27, 100936	16
207	The use of lighting simulation in the evidence-based design process: A case study approach using visual comfort analysis in offices. 2020 , 13, 141-153	7
206	Influence of indoor temperature and daylight illuminance on visual perception. 2020 , 52, 350-370	16
205	Carbon counter electrode mesoscopic ambient processed & characterised perovskite for adaptive BIPV fenestration. 2020 , 145, 2151-2158	28
204	Selecting lighting system based on workers's cognitive performance using fuzzy best-worst method and QUALIFLEX. 2020 , 22, 641-652	5
203	Investigation of illuminance-based metrics in predicting occupants' visual comfort (case study: Architecture design studios). 2020 , 197, 111-125	17
202	Thermal and visual comfort analysis of adaptive vacuum integrated switchable suspended particle device window for temperate climate. 2020 , 156, 1361-1372	32
201	Investigation on the potential of improving daylight efficiency of office buildings by curved facade optimization. 2020 , 13, 287-303	6
200	Multi-criterion optimization of integrated photovoltaic facade with inter-building effects in diverse neighborhood densities. 2020 , 248, 119269	5
199	Development of a Climate-Based Multicriteria Approach to support the Choice of Shading Devices to Achieve a Well Daylit Space: the case study of University Classrooms. 2020 ,	
198	A state-of-art review on concepts, criteria, methods and factors for reaching "thermal-daylighting balance" 2020 , 186, 107330	9

197	GLANCE (GLare ANnual Classes Evaluation): An approach for a simplified spatial glare evaluation. 2020 , 186, 107375		9
196	Daylighting and overall energy performance of a novel semi-transparent photovoltaic vacuum glazing in different climate zones. 2020 , 276, 115414		20
195	Application of climate-based daylight simulation to assess lighting conditions of space and artworks in historical buildings: the case study of cetacean gallery of the Monumental Charterhouse of Calci. 2020 , 46, 193-206		6
194	Daylighting Analysis: A Contribution to the Urban Planning of the City of Marilândia - ES (Brazil). 2020 , 503, 012082		
193	Characterization of the acceptable daylight quality in typical residential buildings in Hong Kong. 2020 , 182, 107094		3
192	An empirical validation of daylighting tools: Assessing radiance parameters and simulation settings in Ladybug and Honeybee against field measurements. 2020 , 207, 1021-1036		15
191	The effect of lighting environment on task performance in buildings – A review. <i>Energy and Buildings</i> , 2020 , 226, 110394	7	19
190	Impact of Building Orientation on Daylight Availability and Energy Savings Potential in an Academic Classroom. 2020 , 13, 4916		0
189	Quantitative effects of glass roof system parameters on energy and daylighting performances: A bi-objective optimal design using response surface methodology. 2020 , 1420326X2094122		3
188	Liquid Thermo-Responsive Smart Window Derived from Hydrogel. 2020 , 4, 2458-2474		85
187	Cross-seasonal Experimental Study on the Comprehensive Performance of C-Si PV Window. 2020 , 13, 5684		1
186	Testing the residential daylight score: Comparing climate-based daylighting metrics for 2444 individual dwelling units in temperate climates. 2020 , 52, 991-1008		1
185	Towards a Sustainable Indoor Lighting Design: Effects of Artificial Light on the Emotional State of Adolescents in the Classroom. 2020 , 12, 4263		11
184	Association between architectural parameters and burden of tuberculosis in three resettlement colonies of M-East Ward, Mumbai, India. 2020 , 4, 303-320		5
183	Evaluating the Influence of Varied External Shading Elements on Internal Daylight Illuminances. 2020 , 10, 22		3
182	A review of automatic control strategies based on simulations for adaptive facades. 2020 , 175, 106801		21
181	Field comparison test study of external shading effect on thermal-optical performance of ultralow-energy buildings in cold regions of China. 2020 , 180, 106926		8
180	A dimensionality reduction method to select the most representative daylight illuminance distributions. 2020 , 13, 122-135		5

179	Ancient Romans and daylighting: the case of Villa of the mysteries in Pompeii. 2020 , 43, 204-218	5	
178	An Extensive Collection of Evaluation Indicators to Assess Occupants' Health and Comfort in Indoor Environment. 2020 , 11, 90	21	
177	Optimizing thermal and visual efficiency using parametric configuration of skylights in heritage buildings. 2020 , 31, 101385	8	
176	A review on machine learning algorithms to predict daylighting inside buildings. 2020 , 202, 249-275	26	
175	The Challenge for Building Integration of Highly Transparent Photovoltaics and Photoelectrochromic Devices. 2020 , 13, 1929	18	
174	An Evaluation of the Ceiling Depth's Impact on Skylight Energy Performance Predictions Through a Building Simulation. 2020 , 12, 3117		
173	Occupant-centered optimization framework to evaluate and design new dynamic shading typologies. 2020 , 15, e0231554	1	
172	Many-Objective Optimization Design of a Public Building for Energy, Daylighting and Cost Performance Improvement. 2020 , 10, 2435	10	
171	Multi-objective optimization for energy consumption, daylighting and thermal comfort performance of rural tourism buildings in north China. 2020 , 176, 106841	28	
170	Energy savings and daylighting evaluation of dynamic venetian blinds and lighting through full-scale experimental testing. 2020 , 197, 117190	16	
169	Electric-driven windows for historical buildings retrofit: Energy and visual sensitivity analysis for different control logics. 2020 , 31, 101398	12	
168	Long-term visual quality evaluations correlate with climate-based daylighting metrics in tropical offices – A field study. 2021 , 53, 5-29	7	
167	Assessing the glare potential of side-lit indoor spaces: a simulation-based approach. 2021 , 64, 139-152	1	
166	Impact of perforated solar screens on daylight availability and low energy use in offices. 2021 , 15, 117-141	4	
165	Daylight performance assessment of atrium skylight with integrated semi-transparent photovoltaic for different climate zones in China. 2021 , 190, 107299	9	
164	Multi-objective optimization (MOO) of a skylight roof system for structure integrity, daylight, and material cost. 2021 , 34, 102056	2	
163	An automated louver with innovative parametrically-angled reflective slats: Prototyping and validation via using parametric control in Grasshopper along with Arduino board. <i>Energy and Buildings</i> , 2021 , 231, 110614	7	3
162	Assessment of angular visual transmittance of Perforated Masonry Walls patterns employed as solar shading systems. 2021 , 213, 361-382		0

161	Standardization of optimization methodology of daylighting and shading strategy: a case study of an architectural design studio at the German University in Cairo, Egypt. 2021 , 14, 52-77	3
160	Indoor Daylighting and Thermal Response of a Passive Solar Building to Selective Components of Solar Radiation. 2021 , 11, 34	3
159	Thermal performance and energy consumption analysis of retail buildings through daylighting: A numerical model with experimental validation. 2021 , 4, 367-382	0
158	Comparative Analysis of Algorithm based Automatic Efficacy Enhancement of Lighting Control System. 2021 ,	
157	Fast computation of yearly averages of useful quantities for solar engineering. 2021 , 214, 409-420	
156	A Dynamic Analysis Of The Impact Of Air Pollution On The daylight Availability In An Open-plan Office In London. 2021 , 94-103	
155	Multi-Criteria Performance Assessment for Semi-Transparent Photovoltaic Windows in Different Climate Contexts. 2021 , 13, 2198	5
154	A data-driven optimized daylight pattern for responsive facades design. 1-12	0
153	Self-shaping building skin: Comparative environmental performance investigation of shape-memory-alloy (SMA) response and artificial-intelligence (AI) kinetic control. 2021 , 35, 102113	5
152	Correlations between building performances and design parameters of double-skin facade utilizing perforated screen. 2021 , 4, 533-544	0
151	Overall outdoor experiments on daylighting performance of a self-regulating photovoltaic/daylighting system in different seasons. 2021 , 286, 116548	4
150	Testing the adequacy of luminous change descriptors to represent dynamic attributes in outdoor views. 2021 , 191, 107591	2
149	Building Impulse Toolkit (BIT): A novel IoT system for capturing the influence of facades on occupant perception and occupant-facade interaction. 2021 , 193, 107656	5
148	Integrated energy, daylighting and visual comfort analysis of window systems in patient rooms. 2021 , 27, 1040-1055	0
147	Multi-dimensions optimization for optimum modifications of light-shelves parameters for daylighting and energy efficiency. 1	3
146	Passive Solar and Conventional Housing Design: A Comparative Study of Daylighting Energy Efficiency Potential. 2021 , 9,	0
145	Re-coding environmental regulation a new simplified metric for daylighting verification during the window and indoor space design process. 1-24	2
144	Electrically actuated visible and near-infrared regulating switchable smart window for energy positive building: A review. 2021 , 301, 126854	41

143	A daylight-oriented multi-objective optimisation of complex fenestration systems. 2021 , 197, 107828	2
142	Decision-Making Processes in Controlling Exposure to Sunlight Supported by Simulation Tools: A Case Study in Warm Weather. 2021 , 14, 4100	
141	Experimental study on the comprehensive performance of building curtain wall integrated compound parabolic concentrating photovoltaic. 2021 , 227, 120507	0
140	An optimization approach to photovoltaic building integration towards low energy buildings in different climate zones. 2021 , 295, 117017	9
139	Optimization of Daylight and Thermal Performance of Building Façade: A Case Study of Office Buildings in Nanjing. 2022 , 168-178	0
138	Estudio de las discrepancias en los tipos de cielo para análisis dinámico de la luz natural según los archivos climáticos disponibles. Caso Colombia.	
137	Partial Daylight Autonomy (DAP): A New Lighting Dynamic Metric to Optimize the Design of Windows for Seasonal Use Spaces. 2021 , 11, 8228	3
136	Daylighting Design for Refurbishment of Built Heritage: A Case Study. 2022 , 341-351	0
135	Optimum external shading system for counterbalancing glare probability and daylight illuminance in Sydney's residential buildings. 2021 , ahead-of-print,	2
134	Effect of thermal, acoustic, and lighting environment in underground space on human comfort and work efficiency: A review. 2021 , 786, 147537	6
133	Numerical investigation of a smart window system with thermotropic Parallel Slat Transparent Insulation Material for building energy conservation and daylight autonomy. 2021 , 203, 108048	6
132	Experimental investigation of a building-integrated, transparent, concentrating photovoltaic and thermal collector. 2021 , 176, 617-634	8
131	Impact of building morphology and outdoor environment on light and thermal environment in campus buildings in cold region during winter. 2021 , 204, 108074	1
130	Parametric optimization of daylight, thermal and energy performance of middle school classrooms, case of hot and dry regions. 2021 , 204, 108173	14
129	Intelligent optimization: A novel framework to automatize multi-objective optimization of building daylighting and energy performances. 2021 , 43, 102804	4
128	A comprehensive method for optimizing the design of a regular architectural space to improve building performance. 2021 , 7, 981-996	15
127	Predictive models for daylight performance of general floorplans based on CNN and GAN: A proof-of-concept study. 2021 , 206, 108346	3
126	Multi-objective building design optimization considering the effects of long-term climate change. 2021 , 44, 102904	5

125	Sensitivity analysis linked to multi-objective optimization for adjustments of light-shelves design parameters in response to visual comfort and thermal energy performance. 2021 , 44, 102996	5
124	Comprehensive investigation on the luminous and energy-saving performance of the double-skin ventilated window integrated with CdTe cells. 2022 , 238, 121757	5
123	The Importance of Light in Our Lives. 2021 , 239-256	1
122	Multiscale Daylight Modeling for Urban Environments. 159-190	3
121	Encyclopedia of Sustainability Science and Technology. 2012 , 2804-2846	1
120	Sustainable Built Environments. 2013 , 69-111	2
119	Transparent Building Envelope: Windows and Shading Devices Typologies for Energy Efficiency Refurbishments. 2014 , 61-118	9
118	Field Experimental Study on Energy Performance of Aerogel Glazings with Hollow Silica: Preliminary Results in Mid-Season Conditions. 2020 , 185-197	3
117	A prediction model coupling occupant lighting and shading behaviors in private offices. <i>Energy and Buildings</i> , 2020 , 216, 109939	7 9
116	Simulação computacional integrada para a consideração da luz natural na avaliação do desempenho energético de edificações. 2010 , 10, 139-154	6
115	Avaliação de sistemas de janela para suporte a decisões de projeto quanto ao equilíbrio de ganhos de luz e calor. 2015 , 15, 117-133	4
114	Daylighting Performance of Manual Solar Shades. 2018 , 99-104	3
113	A COMPARISON OF FOUR DAYLIGHTING METRICS IN ASSESSING THE DAYLIGHTING PERFORMANCE OF THREE SHADING SYSTEMS. 2017 , 12, 39-53	10
112	OPTIMIZING WINDOW TO WALL RATIO FOR CONSERVING ENERGY IN OFFICE BUILDINGS FOR COOLING DOMINANT CLIMATES WITH AND WITHOUT DAYLIGHT UTILIZATION. 2019 , 14, 129-142	3
111	IDENTIFYING OCCUPANTS' APPROPRIATE SEATING POSITION AND VIEW DIRECTION IN OFFICE BUILDINGS: A STOCHASTIC SHADE CONTROL BASED MULTIOBJECTIVE VISUAL COMFORT OPTIMIZATION. 2020 , 15, 15-36	2
110	Evaluation of Lighting Energy Saving Rate in a Small Office Space. 2012 , 32, 50-58	1
109	Investigation of indoor environment and thermal comfort of building installed with bifacial PV modules. 2022 , 76, 103463	0
108	Comprehensive building envelope optimization: Improving energy, daylight, and thermal comfort performance of the dwelling unit. 2021 , 44, 103418	5

- 107 Ergonomic and Economic Daylight for Workplaces in Iran. **2010**, 4, 42-49
- 106 Research Context. **2013**, 9-22
- 105 Application of New Metrics to Detailed Case Studies. **2013**, 69-80
- 104 A influência das prateleiras de luz no aproveitamento da luz natural sob obstrução externa.. **2014**, 16, 105-113
- 103 The Geometric Arrangement of Solar Cells to Improve Solar Energy Utilization. **2016**, 6, 165-172
- 102 Energy Saving Effect by Exterior Shading in Public Office Building. **2017**, 10, 153-158
- 101 Improving Lighting Quality by Practical Measurements of the Luminance Distribution. **2019**, 190-198
- 100 Análise da influência da malha de pontos em índices de avaliação de desempenho da luz natural. **2019**, 19, 317-333
- 99 The Simple Way to Upgrade the Daylight Standard for Tropical Vietnam. **2020**, 60-69
- 98 Condicionantes solares como princípio orientador da forma urbana: estudo de caso contextualizado no Distrito Federal. **2020**, 20, 591-609
- 97 Simulation-based optimization for an origami-shaped canopy. 11, e020013 0
- 96 Energy and daylighting performance of building integrated spirooxazine photochromic films. **2021**, 3
- 95 Sombreamento com iluminação: desenvolvimento e teste de modelo paramétrico para facilitar o projeto de proteções solares. **2020**, 20, 59-77
- 94 Revisiting Urban Heat Island Effects in Coastal Regions: Mitigation Strategies for the Megacity of Istanbul. **2021**, 277-307
- 93 Facade Optimization For An Education Building Using Multi-objective Evolutionary Algorithms. **2020**, 41-50 0
- 92 Assessment of building daylight systems considering sunscreens under real conditions of the sky. **2020**, 180-200
- 91 The Impact of Ceiling Geometry and its Sensitivity on Daylighting and Energy Performance of Skylights. 505, 012011
- 90 Key control variables affecting interior visual comfort for automated louver control in open-plan office -- a study using machine learning. **2021**, 108565 2

89	Designing louvers toward optimum daylight performance in Indonesia: a parametric study. 2021 , 907, 012012		1
88	Impact of active façade control parameters and sensor network complexity on comfort and efficiency: A residential Italian case-study. <i>Energy and Buildings</i> , 2021 , 255, 111650	7	1
87	Research on Optimization of Climate Responsive Indoor Space Design in Residential Buildings. 2022 , 12, 59		2
86	Switching daylight: Performance prediction of climate adaptive ETFE foil façades. 2022 , 209, 108650		1
85	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
84	Dynamic façades – An exploratory campaign to assess occupant multi-domain environmental satisfaction and façade interaction. 2022 , 211, 108703		0
83	Development of an Integrated Performance Design Platform for Residential Buildings Based on Climate Adaptability. 2021 , 14, 8223		3
82	Design Optimization of Hyperboloid Wooden House Concerning Structural, Cost, and Daylight Performance. 2022 , 12, 110		1
81	Energy performance of a reversible window integrated with photovoltaic blinds in Harbin. 2022 , 108861		3
80	A novel productive double skin façades for residential buildings: Concept, design and daylighting performance investigation. 2022 , 212, 108817		6
79	Advanced control strategy to maximize view and control discomforting glare: a complex adaptive façade. 1-21		1
78	Optimization of Window-to-Wall Ratio Based on Visual Requirement and Energy Saving in Guangzhou.		
77	INTRODUCTION OF NEW DAYLIGHTING METRICS FOR HEALTH, WELLBEING, AND FEASIBILITY: A STUDY OF THE INDOOR BUILDING ENVIRONMENT. 2022 , 17, 105-126		
76	INTRODUCTION OF NEW DAYLIGHTING METRICS FOR HEALTH, WELLBEING, AND FEASIBILITY: A STUDY OF THE INDOOR BUILDING ENVIRONMENT. 2022 , 17, 105-126		1
75	Towards the Scale-Up of Solid-State, Low-Emissive Electrochromic Films with Novel Electrolyte Formulations, Fabricated at Room Temperature.		
74	Integrating internet of things and mixed reality to teach performance-based architectural design: a case study of shading devices. 1		0
73	Delightful Daylighting: A Framework for Describing the Experience of Daylighting in Nordic Homes and Coupling It with Quantitative Assessments. 2022 , 15, 1815		
72	Current Trajectories and New Challenges for Visual Comfort Assessment in Building Design and Operation: A Critical Review. 2022 , 12, 3018		

71	IEQ Assessment in Free-Running University Classrooms. 1-21		2
70	Analysis of dynamic louver control with prism redirecting fenestrations for office daylighting optimization. <i>Energy and Buildings</i> , 2022 , 262, 112019	7	0
69	Fenestration integrated BIPV (FIPV): A review. 2022 , 237, 213-230		1
68	Investigation into the daylight performance of expanded-metal shading through parametric design and multi-objective optimisation in Japan. 2022 , 51, 104241		0
67	Machine learning-based real-time daylight analysis in buildings. 2022 , 52, 104374		0
66	Theoretical Impact of Building Façade Thickness on Daylight Metrics and Lighting Energy Demand in Buildings: A Case Study of the Tropics. 2021 , 11, 656		0
65	Efficient Shading Device as an Important Part of Daylightophil Architecture; a Designerly Framework of High-Performance Architecture for an Office Building in Tehran. 2021 , 14, 8272		1
64	Investigating the optimization potential of daylight, energy and occupant satisfaction performance in classrooms using innovative photovoltaic integrated light shelf systems. 1-16		1
63	Investigating the energy-saving performance of a CdTe-based semi-transparent photovoltaic combined hybrid vacuum glazing window system. 2022 , 124019		3
62	Dynamic solar screens for high-performance buildings – a critical review of perforated external shading systems. 1-15		1
61	Building energy analysis using EC and PDLC based smart switchable window in Oman. 2022 , 237, 301-312		2
60	Multi-objective optimization of transparent building envelope of rural residences in cold climate zone, China. 2022 , 34, 102052		1
59	Towards the scale-up of solid-state, low-emissive electrochromic films, fabricated on a single substrate with novel electrolyte formulations. 2022 , 241, 111760		0
58	Efficient Simulation for Visual Comfort Evaluations. <i>Energy and Buildings</i> , 2022 , 267, 112141	7	0
57	New paradigms in bioclimatic design toward climatic change in arid environments. <i>Energy and Buildings</i> , 2022 , 266, 112100	7	0
56	Using Smart Colored Windows for Improving Users' Comfort in Buildings. 2021 ,		
55	Optimizing daylight, energy and occupant comfort performance of classrooms with photovoltaic integrated vertical shading devices. 1-25		0
54	DIFFERENCES IN PERCEPTION OF DAYLIGHTING SUFFICIENCY RELATED TO THE GEOGRAPHICAL LOCATION IN THE CONTEXT OF UNIVERSITY CLASSROOMS. 2022 , 17, 181-209		

53	On the Interaction between the Depth and Elevation of External Shading Devices in Tropical Daylit Classrooms with Symmetrical Bilateral Openings. 2022 , 12, 818	1
52	A Study on Parametric Design Method for Optimization of Daylight in Commercial Building's Atrium in Cold Regions. 2022 , 14, 7667	4
51	A Novel Framework for Optimizing Indoor Illuminance and Discovering Association of Involved Variables. 2022 , 12, 878	1
50	The Effect of Smart Colored Windows on Visual Performance of Buildings. 2022 , 12, 861	2
49	Design and performance investigation of a novel double-skin ventilated window integrated with air-purifying blind. 2022 , 254, 124476	1
48	Dynamic faades design typologies, technologies, measurement techniques, and physical performances across thermal, optical, ventilation, and electricity generation outlooks. 2022 , 167, 112647	1
47	Solution of Window-to-Wall Ratio: Quantitative Visual.	
46	Solution of Glass Curtain Wall Building Structure: Quantitative Visual.	
45	Comparison of Daylight Performance in Three Different Sky Conditions for Various Window Shading Types. 2022 , 1058, 012010	
44	Method for Determining Sensor Location for Automated Shading Control in Office Building. 2022 , 15, 4931	
43	Design of thermo-chromic glazing windows considering energy consumption and visual comfort for cellular offices. 2022 , 241, 637-649	0
42	Modern Mimari Yapılarından Konut ve Villalarda Gelecekte Kullanılacaklar	
41	Achieving realtime daylight factor computation for modular buildings in generative design. 2022 , 15, 848-865	
40	Dynamical daylight performance oriented design optimizations for contemporary reading room represented deep open-plan spaces. 2022 , 105145	1
39	Simulation analysis of appropriate solutions to demands of light and heat in winter from the perspective of keeping health culture. 2022 , 224, 109525	0
38	Multi-objective parametric optimization of the composite external shading for the classroom based on lighting, energy consumption, and visual comfort. 2022 , 275, 112441	0
37	Daylighting performance improvements using of split louver with parametrically incremental slat angle control. 2022 , 274, 112444	1
36	Current Overhang Research Methodology. 2022 , 25-54	0

- 35 Evaluation of the Natural Lighting Performance of Rooftop Daylight Installations for Multi-purpose Sports Hall in Seoul. **2022**, 22, 21-34 ○
- 34 Facade Photometry: Linking Annual Daylight Performance to Facade Design. **2022**, 12, 1556 ○
- 33 Exploring the environmental performance of liquid glass coating using Sol-Gel technology and responsive Venetian blinds in the tropics. **2022**, 105329 ○
- 32 Building PV integration according to regional climate conditions: BIPV regional adaptability extending Köppen-Geiger climate classification against urban and climate-related temperature increases. **2022**, 169, 112950 ○
- 31 Renovating Heritage Buildings into Daylit Enjoyable and Visually Comfortable Museums/Galleries. **2022**, 305-330 ○
- 30 Effect of Glazing Materials and Shading Position on the Energy Consumption Pattern and Indoor Visual Comfort of Office Building. **2023**, 291-302 ○
- 29 Optimizing Window Configuration Counterbalancing Energy Saving and Indoor Visual Comfort for Sydney Dwellings. **2022**, 12, 1823 3
- 28 Sensitivity Analysis for Decisive Design Parameters for Energy and Indoor Visual Performances of a Glazed Façade Office Building. **2022**, 14, 14163 ○
- 27 Design, fabrication and computational simulation of a bio-kinetic façade inspired by the mechanism of the Lupinus Succulentus plant for daylight and energy efficiency. **2022**, 28, 1456-1471 ○
- 26 Multi-objective optimization for energy consumption, visual and thermal comfort performance of educational building (case study: Qeshm Island, Iran). **2022**, 54, 102872 ○
- 25 Consideration of occupant preferences and habits during the establishment of occupant-centric buildings: A critical review. **2023**, 280, 112720 ○
- 24 Study on the impact of partition photovoltaic electrochromic windows on building lighting environment and energy saving. **2023**, 280, 112722 ○
- 23 New computational methods with Sunlight, Daylight, and Quality Views for Regenerative Design. **2022**, 362, 01004 ○
- 22 A review of research on the impact of the classroom physical environment on schoolchildren's health. **2022**, 105430 ○
- 21 Dynamic Concentrated Solar Building Skin Design Based on Multiobjective Optimization. **2022**, 12, 2026 1
- 20 Quantifying the Effect of Index-Based Operation Logic for Building Environmental Control Systems—Taking Shading as Example. **2022**, 12, 2043 ○
- 19 Daylight oriented optimization of photovoltaic integrated skylights for railway station waiting hall represented large space buildings in China. **2023**, 112777 ○
- 18 Selection of spatial sensitivity curve and installation location of photosensors for daylight-linked control systems in space with dynamic shading devices. **2023**, 230, 109984 ○

- 17 Louver configuration comparison in three Canadian cities utilizing NSGA-II. **2023**, 229, 109939 ○
- 16 Examination of energy and visual comfort performance of thermo-chromic coatings for cellular offices. **2023**, 267, 126517 ○
- 15 A comprehensive optimization framework for the design of high-performance building systems. **2023**, 65, 105709 ○
- 14 Exploitation of indoor illumination for typical flat dwellings in the Mediterranean area. **2023**, 9, 1473-1489 ○
- 13 Continuous Overcast Daylight Autonomy (DAo.con): A New Dynamic Metric for Sensor-Less Lighting Smart Controls. 1-25 ○
- 12 Curve Optimization for the Anidolic Daylight System Counterbalancing Energy Saving, Indoor Visual and Thermal Comfort for Sydney Dwellings. **2023**, 16, 1090 1
- 11 Daylighting and energy performance of the combination of optical fiber based translucent concrete walls and windows. **2023**, 67, 105959 ○
- 10 Effect of Interior Space and Window Geometry on Daylighting Performance for Terrace Classrooms of Universities in Severe Cold Regions: A Case Study of Shenyang, China. **2023**, 13, 603 ○
- 9 A study on daylighting metrics related to the subjective evaluation of daylight and visual comfort of students in China. **2023**, 287, 113001 ○
- 8 Near-optimal adaptive predictive control model study for roller shades in office spaces. **2023**, 68, 105998 ○
- 7 Implementing natural ventilation and daylighting strategies for thermal comfort and energy efficiency in office buildings in Burkina Faso. **2023**, 9, 3319-3342 ○
- 6 Methods to Predict Energy Use for Lighting Systems: An Overview and an Application on a Real Case Study. **2022**, ○
- 5 Modular responsive facade proposals based on semi-regular and demi-regular tessellation: daylighting and visual comfort. **2023**, ○
- 4 Applications of thermochromic and electrochromic smart windows: Materials to buildings. **2023**, 101370 ○
- 3 Effect of typical meteorological year selection on integrated daylight modeling and building energy simulation. **2023**, 1, ○
- 2 Passive Intelligent Kinetic External Dynamic Shade Design for Improving Indoor Comfort and Minimizing Energy Consumption. **2023**, 13, 1090 ○
- 1 Study on the impact of photovoltaic electrochromic modular smart window on indoor environment. **2023**, 238, 110381 ○