

CITATION REPORT

List of articles citing

Light as a circadian stimulus for architectural lighting

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#	Paper	IF	Citations
125	Color characterization of multicolor multichip LED luminaire for indoor. 2018 , 18, 19-32		13
124	Non-visual effects of light: how to use light to promote circadian entrainment and elicit alertness. <i>Lighting Research and Technology</i> , 2018 , 50, 38-62	2	68
123	A Simplified Approach for the Annual and Spatial Evaluation of the Comfort Classes of Daylight Glare Using Vertical Illuminances. 2018 , 8, 171		14
122	Morning boost on individuals' psychophysiological wellbeing indicators with supportive, dynamic lighting in windowless open-plan workplace in Malaysia. 2018 , 13, e0207488		6
121	Smart IoT desk for personalizing indoor environmental conditions. 2018 ,		10
120	Spatial and spectral illumination design for energy-efficient circadian lighting. 2018 , 146, 216-225		23
119	Linking the non-visual effects of light exposure with occupational health. 2019 , 48, 1393-1397		8
118	How to Report Light Exposure in Human Chronobiology and Sleep Research Experiments. 2019 , 1, 280-289		49
117	Light in the built environment: The ceiling is not the limit. 2019 , 157, A1-A2		
116	Smart Desks to Promote Comfort, Health, and Productivity in Offices: A Vision for Future Workplaces. 2019 , 5,		10
115	Evaluation of Indoor Daylight Focused on the Human Circadian System. 2019 , 887, 511-518		
114	Impact of Building Design Parameters on Daylighting Metrics Using an Analysis, Prediction, and Optimization Approach Based on Statistical Learning Technique. 2019 , 11, 1474		19
113	Effect of White Light Devoid of "Cyan" Spectrum Radiation on Nighttime Melatonin Suppression Over a 1-h Exposure Duration. 2019 , 34, 195-204		15
112	A photobiological approach to biophilic design in extreme climates. 2019 , 154, 211-226		16
111	Case Studies: Natural Light in Interior Spaces. 2019 , 101-155		
110	Dynamic color control in multiprimary tunable LED lighting systems. 2019 , 27, 570-580		4
109	Evaluation of Artificial Light with Respect to Human Health. 2019 , 57-100		1

108	Conclusions and Possible Guidelines for Circadian Lighting Design. 2019 , 257-277		2
107	Nocturnal Melatonin Suppression by Adolescents and Adults for Different Levels, Spectra, and Durations of Light Exposure. 2019 , 34, 178-194		23
106	Effects of adjustable dynamic bedroom lighting in a maternity ward. 2019 , 62, 59-66		3
105	Effects of a Tailored Lighting Intervention on Sleep Quality, Rest-Activity, Mood, and Behavior in Older Adults With Alzheimer Disease and Related Dementias: A Randomized Clinical Trial. 2019 , 15, 1757-1767 ⁴³		
104	Light Pollution, Circadian Photoreception, and Melatonin in Vertebrates. 2019 , 11, 6400		61
103	Towards a user preference model for interior lighting, Part 3: An alternative model. <i>Lighting Research and Technology</i> , 2020 , 52, 189-201	2	1
102	The effectiveness of light-emitting diode lighting for providing circadian stimulus in office spaces while minimizing energy use. <i>Lighting Research and Technology</i> , 2020 , 52, 167-188	2	6
101	Light, entrainment and alertness: A case study in offices. <i>Lighting Research and Technology</i> , 2020 , 52, 736-750	2	13
100	Full Spectrum Phosphors for White LEDs and Virtual Windows for Light and Health Applications. 2020 , 9, 016023		3
99	New Museum Lighting for People and Paintings. 2020 , 16, 1-5		9
98	Circadian stimulus \square A computation model with photometric and colorimetric quantities. <i>Lighting Research and Technology</i> , 2020 , 52, 751-762	2	6
97	WITHDRAWN: Development of a circadian illuminometer to measure the intra-daily non-visual circadian illuminance. 2020 , 112688		
96	The potential of circadian lighting in office buildings using a fibre optics daylighting system in Beijing. 2020 , 182, 107118		10
95	Red light: A novel, non-pharmacological intervention to promote alertness in shift workers. 2020 , 74, 169-177		6
94	Improving the daylighting performance of residential light wells by reflecting and redirecting approaches. 2020 , 207, 1434-1444		5
93	Optimization of Lighting Projects Including Photopic and Circadian Criteria: A Simplified Action Protocol. 2020 , 10, 8068		9
92	Circadian metric \square Computation of circadian stimulus using illuminance, correlated colour temperature and colour rendering index. 2020 , 184, 107146		9
91	The Spectral Optimization of a Commercializable Multi-Channel LED Panel With Circadian Impact. 2020 , 8, 136498-136511		10

90	Long-Term, All-Day Exposure to Circadian-Effective Light Improves Sleep, Mood, and Behavior in Persons with Dementia. 2020 , 4, 297-312		11
89	73-3: Invited Paper: Influences of Circadian Illuminances from Lighting and TV on the Human Locomotor Activity, Sleep Disorder, EEG, HRV, and Melatonin Secretion. 2020 , 51, 1094-1097		
88	Luminous and Melanopic Efficiency Performance of Phosphor-Converted LEDs with Tunable Spectral Characteristics. 2020 , 10, 6198		
87	Predictions of melatonin suppression during the early biological night and their implications for residential light exposures prior to sleeping. 2020 , 10, 14114		8
86	The Circadian Effect Versus Mesopic Vision Effect in Road Lighting Applications. 2020 , 10, 6975		4
85	Energy impact of human health and wellness lighting recommendations for office and classroom applications. 2020 , 226, 110365		16
84	The Impact of Optimized Daylight and Views on the Sleep Duration and Cognitive Performance of Office Workers. 2020 , 17,		22
83	Circadian Potency Spectrum with Extended Exposure to Polychromatic White LED Light under Workplace Conditions. 2020 , 35, 405-415		6
82	Efficient circadian daylighting: A proposed equation, experimental validation, and the consequent importance of room surface reflectance. 2020 , 210, 109784		14
81	Change of circadian effect with colour temperature and eye spectral transmittance at different ages. <i>Lighting Research and Technology</i> , 2021 , 53, 41-53	2	2
80	Long-term visual quality evaluations correlate with climate-based daylighting metrics in tropical offices [A field study. <i>Lighting Research and Technology</i> , 2021 , 53, 5-29	2	7
79	Biophilic, photobiological and energy-efficient design framework of adaptive building façades for Northern Canada. 2021 , 30, 665-691		6
78	Human-centric lighting: Myth, magic or metaphor?. <i>Lighting Research and Technology</i> , 2021 , 53, 97-118	2	33
77	Non-visual effects of indoor light environment on humans: A review. 2021 , 228, 113195		14
76	Quantitative effects of PM concentrations on spectral distribution of global normal irradiance. 2021 , 220, 1099-1108		1
75	Identifying supportive daytime lighting characteristics for enhancing individuals' psychophysiological wellbeing in windowless workplace in tropical Malaysia. 2021 , 30, 298-312		3
74	Melanopic Limits of Metamer Spectral Optimisation in Multi-Channel Smart Lighting Systems. 2021 , 14, 527		8
73	Human-Centric Lighting: Foundational Considerations and a Five-Step Design Process. 2021 , 12, 630553		23

72	Modeling Circadian Phototransduction: Quantitative Predictions of Psychophysical Data. 2021 , 15, 615322	14
71	"Shedding Light on Light": A Review on the Effects on Mental Health of Exposure to Optical Radiation. 2021 , 18,	2
70	Modeling Circadian Phototransduction: Retinal Neurophysiology and Neuroanatomy. 2020 , 14, 615305	13
69	Modelling the effect of light through commercially available blue-blocking lenses on the human circadian system. 2021 , 1-6	1
68	Relative light sensitivities of four retinal hemi-fields for suppressing the synthesis of melatonin at night. 2021 , 10, 100066	4
67	PupilEXT: Flexible Open-Source Platform for High-Resolution Pupillometry in Vision Research. 2021 , 15, 676220	3
66	Pandemic of Childhood Myopia. Could New Indoor LED Lighting Be Part of the Solution?. 2021 , 14, 3827	1
65	Evaluation of Visual and Nonvisual Levels of Daylight from Spectral Power Distributions Considering Orientation and Seasonality. 2021 , 11, 5996	2
64	Achieving Integrated Daylighting and Electric Lighting Systems: Current State of the Art and Needed Research. 2021 , 14, 3833	2
63	Effects Of Spectral Tuning Of White Light on Attention Level And Sleep Quality. 2021 , 93-99	1
62	Lighting scheme recommendation for interior workplace to adjust the phase-advance jet lag. 2021 , 198, 107913	4
61	Lighting and Alzheimer's disease and related dementias: Spotlight on sleep and depression. <i>Lighting Research and Technology</i> , 2021 , 53, 405-422	2 0
60	Correlated color temperature and light intensity: Complementary features in non-visual light field. 2021 , 16, e0254171	1
59	Measurement of Circadian Effectiveness in Lighting for Office Applications. 2021 , 11, 6936	3
58	Natural Lighting in Historic Houses during Times of Pandemic. The Case of Housing in the Mediterranean Climate. 2021 , 18,	6
57	Effectiveness of Light Source Efficiency for Characterization of Colored Surface Luminance. 1-13	
56	Indoor lighting design for healthier workplaces: natural and electric light assessment for suitable circadian stimulus. 2021 , 29, 29899-29917	5
55	Unsupervised Clustering Pipeline to Obtain Diversified Light Spectra for Subject Studies and Correlation Analyses. 2021 , 11, 9062	1

54	Photopic illuminance-based black-box model for regulation of human circadian rhythm via daylight control. 2021 , 203, 108069		2
53	An integrative health framework for wellbeing in the built environment. 2021 , 205, 108253		3
52	A low-cost and portable device for measuring spectrum of light source as a stimulus for the human circadian system. 2021 , 252, 111386		
51	Questionnaires and simulations to assess daylighting in Italian university classrooms for IEQ and energy issues. 2021 , 252, 111433		3
50	Comparing performance of discomfort glare metrics in high and low adaptation levels. 2021 , 206, 108335		11
49	The Importance of Light in Our Lives. 2021 , 239-256		1
48	Personal lighting conditions of office workers: An exploratory field study. <i>Lighting Research and Technology</i> , 2021 , 53, 285-310	2	5
47	The influence of multi-way sources of illumination of monitor screens and changes in the color temperature on the excretion of melatonin metabolite. 2021 , 853, 012009		
46	Toward a Connected System Understanding the Contribution of Light from Different Sources on Occupants Circadian Rhythms. 2021 , 11, 9939		0
45	Role of Architectural Design in Creating Circadian-Effective Interior Settings. 2021 , 14, 6731		1
44	A field test of a simplified method of estimating circadian stimulus. <i>Lighting Research and Technology</i> , 147715352110446	2	3
43	Visuelle Kommunikation bei Veranstaltungen. 2021 , 201-230		
42	A 24-hour lighting scheme to promote alertness and circadian entrainment in railroad dispatchers on rotating shifts: A field study. <i>Lighting Research and Technology</i> , 147715352110409	2	0
41	IMPACT OF DAYLIGHT EXPOSURE ON HEALTH, WELL-BEING AND SLEEP OF OFFICE WORKERS BASED ON ACTIGRAPHY, SURVEYS, AND COMPUTER SIMULATION. 2020 , 15, 19-42		3
40	The impact of daylight presence on cooling strategies: energy simulations of a test room in Austin, Texas, and Geneva, Switzerland. 2021 , 2042, 012118		
39	A Study of Lightings for Elder with Dementia. 2020 ,		
38	Electroencephalographic Study of Human Brain: Chromatic Light Impact on Biological Rhythms. 2020 ,		
37	Ergonomic lighting considerations for the home office workplace.. 2022 ,		1

36	Development and Testing of a Modular Sunlight Transport System Employing Free-Form Mirrors. 2022 , 15, 406		0
35	Processing RGB Color Sensors for Measuring the Circadian Stimulus of Artificial and Daylight Light Sources. 2022 , 12, 1132		1
34	Diurnal Circadian Lighting Accumulation Model: A Predictor of the Human Circadian Phase Shift Phenotype. 2022 , 2, 50		0
33	Optimizing daylight glare and circadian entrainment in a Daylight-Artificial Light Integrated scheme. 2022 , 1-1		0
32	Quantitative Assessment of Architectural Lighting Designs. 2022 , 14, 3934		0
31	Effect of Ambient Bright Light on Behavioral and Psychological Symptoms in People with Dementia: A Systematic Review.		1
30	A method and tool to determine the colorimetric and photobiological properties of light transmitted through glass and other optical materials. 2022 , 215, 108957		0
29	The Calculated Circadian Effects of Light Exposure from Commuting. 2021 , 11, 11846		
28	Computation of the greenery-sky-view factor in daylit buildings. 1-20		
27	Study protocol for measuring the impact of (quasi-)monochromatic light on post-awakening cortisol secretion under controlled laboratory conditions.. 2022 , 17, e0267659		
26	The effects of lamp types and surface reflectance combinations on the subjective perception of a simulated lit hospital ward environment. 2022 , ahead-of-print,		
25	Adjustable lighting system based on circadian rhythm for human comfort. <i>Journal of Optics (India)</i> ,	1.3	0
24	Preparation of Phosphorescent Eu 2+ , Dy 3+ -Doped Strontium Aluminate Nanoparticles by Laser Vaporization for the Modification of Therapeutic Contact Lenses. <i>Advanced Photonics Research</i> , 2200013 ^{1,9}		
23	Improving the accuracy of circadian lighting simulation with field measurement. <i>Journal of Building Performance Simulation</i> , 2022 , 15, 575-598	2.8	1
22	Determining Critical Points To Control Electric Lighting To Meet Circadian Lighting Requirements And Minimize Energy Use. 2022 ,		
21	Improving the quantitative features of architectural lighting at the design stage using the modified design algorithm. 2022 , 8, 10582-10593		1
20	Extending the lighting design objectives procedure for holistic lighting solutions. 147715352110610		1
19	The circadian stimulus-oscillator model: Improvements to Kronauer's model of the human circadian pacemaker. 16,		0

18	An Approach for Lighting Calculations in Indoor Mirrored Facilities Based on Virtual Twin-Spaces. 2022 , 14, 11837	0
17	A Multi-Objective Optimisation Mathematical Model with Constraints Conducive to the Healthy Rhythm for Lighting Control Strategy. 2022 , 10, 3471	0
16	Correspondence: Designing and specifying light for melatonin suppression, non-visual responses and integrative lighting solutions Establishing a proper bright day, dim night metrology. 147715352211203	0
15	High circadian stimulus lighting therapy for depression: Meta-analysis of clinical trials. 16,	0
14	Active interventions of dynamic lighting on human circadian rhythm and sleep quality in confined spaces. 2022 , 109766	0
13	On the estimation of Circadian Stimulus based on illuminance, correlated color temperature, and color rendering index. 2022 , 109765	1
12	Epic flux models based on the five fundus photoreceptors for prediction of light-induced melatonin suppression. 2022 , 109767	0
11	Correlated color temperature is not a suitable proxy for the biological potency of light. 2022 , 12,	3
10	A Proposal on Residential Lighting Design Considering Visual Requirements, Circadian Factors and Energy Performance of Lighting.	0
9	Towards intelligent illumination systems: from the basics of light science to its application.	0
8	Real-Time Investigations and Simulation on the Impact of Lighting Ambience on Circadian Stimulus.	0
7	A Simplified Computational Model for Circadian Stimulus Based on Illuminance, Correlated Color Temperature, and Color Rendering Index. 2022 , 14, 1-10	0
6	Circadian stimulus calculators as environmental building design tools: Early results of a critical review. 2022 , 1123, 012035	0
5	The Impact of Evaluated Daylight to the Total Light Ratio on the Comfort Level in Office Buildings. 2022 , 12, 2161	0
4	Diurnal effects of dynamic lighting on alertness, cognition, and mood of mentally fatigued individuals in a daylight deprived environment. 147715352211385	0
3	Compromising circadian performance and color gamut Rec. 2020 for achieving healthy LED displays. 2023 , 170864	0
2	Therapeutic lighting in the elderly living spaces via a daylight and artificial lighting integrated scheme. 2023 , 285, 112886	0
1	Exploring view access for biophilic arctic architecture through immersive visualization of integrative lighting. 2023 , 69, 106249	0

