

# Sensitivity of the Human Circadian System to Short-Wa

Journal of Biological Rhythms

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Does Melanopsin Bistability Have Physiological Consequences?. Journal of Biological Rhythms, 2008, 23, 396-399.	2.6	17
2	<i>L</i>-Tryptophan: Basic Metabolic Functions, Behavioral Research and Therapeutic Indications. International Journal of Tryptophan Research, 2009, 2, IJTR.S2129.	2.3	419
3	Blue-Light Phase ShiftsPER3Gene Expression in Human Leukocytes. Chronobiology International, 2009, 26, 769-779.	2.0	23
4	Is Light-at-Night a Health Risk Factor or a Health Risk Predictor?. Chronobiology International, 2009, 26, 1069-1074.	2.0	4
5	The role of retinal photoreceptors in the regulation of circadian rhythms. Reviews in Endocrine and Metabolic Disorders, 2009, 10, 271-278.	5.7	90
6	Indirect blue light does not suppress nocturnal salivary melatonin in humans in an automobile setting. Journal of Pineal Research, 2009, 47, 143-146.	7.4	5
7	Lux vs. wavelength in light treatment of Seasonal Affective Disorder. Acta Psychiatrica Scandinavica, 2009, 120, 203-212.	4.5	95
8	Blue lightâ€“filtering intraocular lenses: Review of potential benefits and side effects. Journal of Cataract and Refractive Surgery, 2009, 35, 1281-1297.	1.5	71
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10	Working against our endogenous circadian clock: Breast cancer and electric lighting in the modern world. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 680, 106-108.	1.7	68
11	IS LIGHT-AT-NIGHT A HEALTH RISK FACTOR OR A HEALTH RISK PREDICTOR?. Chronobiology International, 2009, 26, 1069-1074.	2.0	69
12	Increased Late Night Response to Light Controls the Circadian Pacemaker in a Nocturnal Primate. Journal of Biological Rhythms, 2010, 25, 186-196.	2.6	11
14	Human Performance in Space. Reviews of Human Factors and Ergonomics, 2010, 6, 172-197.	0.5	13
15	INCREASED SENSITIVITY TO LIGHT-INDUCED MELATONIN SUPPRESSION IN PREMENSTRUAL DYSPHORIC DISORDER. Chronobiology International, 2010, 27, 1438-1453.	2.0	17
16	Intrinsically Photosensitive Retinal Ganglion Cells. Physiological Reviews, 2010, 90, 1547-1581.	28.8	343
17	Jet lag syndrome: circadian organization, pathophysiology, and management strategies. Nature and Science of Sleep, 2010, 2, 187.	2.7	41
18	Melatonin: A Multitasking Molecule. Progress in Brain Research, 2010, 181, 127-151.	1.4	520
19	Nanophosphors based on CdSe/ZnS colloidal quantum dots for daylight-quality white LEDs. , 2010, , .		0

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20	Early Visual Development: Implications for the Neonatal Intensive Care Unit and Care. Clinics in Perinatology, 2011, 38, 671-683.	2.1	32
21	Intraocular and Crystalline Lens Protection From Ultraviolet Damage. Eye and Contact Lens, 2011, 37, 250-258.	1.6	22
22	Light-emitting diodes (LED) for domestic lighting: Any risks for the eye?. Progress in Retinal and Eye Research, 2011, 30, 239-257.	15.5	319
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24	Considerations of circadian impact for defining 'shift work' in cancer studies: IARC Working Group Report. Occupational and Environmental Medicine, 2011, 68, 154-162.	2.8	319
25	Fatigue and Performance Modeling. , 2011, , 745-752.		8
26	Human Lens Transmission of Blue Light: A Comparison of Autofluorescence-Based and Direct Spectral Transmission Determination. Ophthalmic Research, 2011, 46, 118-124.	1.9	26
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36	A case-referent study: light at night and breast cancer risk in Georgia. International Journal of Health Geographics, 2013, 12, 23.	2.5	82
37	Nocturnal Light Exposure Impairs Affective Responses in a Wavelength-Dependent Manner. Journal of Neuroscience, 2013, 33, 13081-13087.	3.6	75

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38	Blue light from light-emitting diodes directed at a single eye elicits a dose-dependent suppression of melatonin in horses. <i>Veterinary Journal</i> , 2013, 196, 231-235.	1.7	37
39	Shift work and cancer risk: Potential mechanistic roles of circadian disruption, light at night, and sleep deprivation. <i>Sleep Medicine Reviews</i> , 2013, 17, 273-284.	8.5	393
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44	Boosting circadian rhythms with lighting: A model driven approach. <i>Lighting Research and Technology</i> , 2013, 45, 197-216.	2.7	13
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47	Predictors of post-traumatic pituitary failure during long-term follow-up. <i>Hormones</i> , 2014, 14, 399-409.	1.9	16
48	Quantifying light-dependent circadian disruption in humans and animal models. <i>Chronobiology International</i> , 2014, 31, 1239-1246.	2.0	21
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50	Association between light exposure at night and nighttime blood pressure in the elderly independent of nocturnal urinary melatonin excretion. <i>Chronobiology International</i> , 2014, 31, 779-786.	2.0	61
51	Aging of Non-Visual Spectral Sensitivity to Light in Humans: Compensatory Mechanisms?. <i>PLoS ONE</i> , 2014, 9, e85837.	2.5	101
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58	The Effects of Light at Night on Circadian Clocks and Metabolism. <i>Endocrine Reviews</i> , 2014, 35, 648-670.	20.1	333
59	Lighting for the 21st century with laser diodes based on non-basal plane orientations of GaN. <i>MRS Communications</i> , 2015, 5, 463-473.	1.8	68
60	Analysis of circadian properties and healthy levels of blue light from smartphones at night. <i>Scientific Reports</i> , 2015, 5, 11325.	3.3	96
61	56.3: <i>Invited Paper</i>: New Color Rendering Standards and Implications for Displays that Provide Illumination: The Promise and Peril of Solid State Lighting. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 842-845.	0.3	1
62	Solidâ€State Lighting for Illumination and Displays: Opportunities and Challenges for Color Excellence. <i>Information Display</i> , 2015, 31, 12-20.	0.2	2
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70	Directionally selective shading control in maritime sub-tropical and temperate climates: Life cycle energy implications for office buildings. <i>Building and Environment</i> , 2016, 104, 275-285.	6.9	15
71	A comparison of nocturnal primate behavior in exhibits illuminated with red and blue light. <i>Applied Animal Behaviour Science</i> , 2016, 184, 126-134.	1.9	61
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73	Effects of nighttime lights by LED and fluorescent lighting on human melatonin. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2016, 7, 837-844.	4.9	3
74	Shedding a Light on Phototherapy Studies with People having Dementia. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2016, 31, 551-563.	1.9	15
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76	Analysis of circadian stimulus allowed by daylighting in hospital rooms. <i>Lighting Research and Technology</i> , 2017, 49, 49-61.	2.7	62
77	Reducing the circadian input from self-luminous devices using hardware filters and software applications. <i>Lighting Research and Technology</i> , 2017, 49, 481-496.	2.7	17
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79	Clinical implications of the melanopsin-based non-image-forming visual system. <i>Neurology</i> , 2017, 88, 1282-1290.	1.1	48
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81	Red light at intensities above 10%lx alters sleep-wake behavior in mice. <i>Light: Science and Applications</i> , 2017, 6, e16231-e16231.	16.6	81
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85	Light color importance for circadian entrainment in a diurnal ( <i>Octodon degus</i> ) and a nocturnal ( <i>Rattus norvegicus</i> ) rodent. <i>Scientific Reports</i> , 2017, 7, 8846.	3.3	18
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96	Subadditive responses to extremely short blue and green pulsed light on visual evoked potentials, pupillary constriction and electroretinograms. Journal of Physiological Anthropology, 2017, 36, 39.	2.6	8
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132	Daily and seasonal mitochondrial protection: Unraveling common possible mechanisms involving vitamin D and melatonin. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 199, 105595.	2.5	49
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134	The effects of extended photoperiod and warmth on hair growth in ponies and horses at different times of year. <i>PLoS ONE</i> , 2020, 15, e0227115.	2.5	10
135	Which sleep hygiene factors are important? comprehensive assessment of lifestyle habits and job environment on sleep among office workers. <i>Sleep Health</i> , 2020, 6, 288-298.	2.5	28
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138	On the interaction between lighting and thermal comfort: An integrated approach to IEQ. <i>Energy and Buildings</i> , 2021, 231, 110570.	6.7	37
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146	luox: novel open-access and open-source web platform for calculating and sharing physiologically relevant quantities for light and lighting. <i>Wellcome Open Research</i> , 2021, 6, 69.	1.8	9
147	Standardizing Melanopic Effects of Ocular Light for Ecological Lighting Design of Nonresidential Buildings—An Overview of Current Legislation and Accompanying Scientific Studies. <i>Sustainability</i> , 2021, 13, 5131.	3.2	10
148	Efficacy of ethyl ascorbyl ether—containing cosmetic cream on blue light—induced skin changes. <i>Journal of Cosmetic Dermatology</i> , 2022, 21, 1270-1279.	1.6	4

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169	Quantitative Algorithm for Melatonin Suppression by Light at Night*. Progress in Biochemistry and Biophysics, 2010, 37, 686-689.	0.3	0
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177	RETINAL EXPOSURE ASSESSMENT - HORIZONTAL OR VERTICAL ALPHA IRRADIANCE OR ILLUMINANCE?. , 2019, , .		0
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184	Predicting melatonin suppression by light in humans: Unifying photoreceptor-based equivalent daylight illuminances, spectral composition, timing and duration of light exposure. Journal of Pineal Research, 2022, 72, e12786.	7.4	35
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