

Steven W Lockley

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

17,745
citations

18482

62
h-index

14208

128
g-index

183
all docs

183
docs citations

183
times ranked

12592
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Reducing Interns' Work Hours on Serious Medical Errors in Intensive Care Units. <i>New England Journal of Medicine</i> , 2004, 351, 1838-1848.	27.0	1,589
2	The Critical Care Safety Study: The incidence and nature of adverse events and serious medical errors in intensive care*. <i>Critical Care Medicine</i> , 2005, 33, 1694-1700.	0.9	1,388
3	Measuring and using light in the melanopsin age. <i>Trends in Neurosciences</i> , 2014, 37, 1-9.	8.6	879
4	Effect of Reducing Interns' Weekly Work Hours on Sleep and Attentional Failures. <i>New England Journal of Medicine</i> , 2004, 351, 1829-1837.	27.0	843
5	High Sensitivity of the Human Circadian Melatonin Rhythm to Resetting by Short Wavelength Light. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 4502-4505.	3.6	655
6	Comparison between subjective and actigraphic measurement of sleep and sleep rhythms. <i>Journal of Sleep Research</i> , 1999, 8, 175-183.	3.2	533
7	Exposure to Room Light before Bedtime Suppresses Melatonin Onset and Shortens Melatonin Duration in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E463-E472.	3.6	393
8	Short-wavelength sensitivity for the direct effects of light on alertness, vigilance, and the waking electroencephalogram in humans. <i>Sleep</i> , 2006, 29, 161-8.	1.1	372
9	Spectral Responses of the Human Circadian System Depend on the Irradiance and Duration of Exposure to Light. <i>Science Translational Medicine</i> , 2010, 2, 31ra33.	12.4	345
10	Invited Review: Integration of human sleep-wake regulation and circadian rhythmicity. <i>Journal of Applied Physiology</i> , 2002, 92, 852-862.	2.5	330
11	Irregular sleep/wake patterns are associated with poorer academic performance and delayed circadian and sleep/wake timing. <i>Scientific Reports</i> , 2017, 7, 3216.	3.3	325
12	Sleep Disorders, Health, and Safety in Police Officers. <i>JAMA - Journal of the American Medical Association</i> , 2011, 306, 2567.	7.4	305
13	Short-Wavelength Light Sensitivity of Circadian, Pupillary, and Visual Awareness in Humans Lacking an Outer Retina. <i>Current Biology</i> , 2007, 17, 2122-2128.	3.9	296
14	High sensitivity and interindividual variability in the response of the human circadian system to evening light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12019-12024.	7.1	277
15	Tasimelteon for non-24-hour sleep-wake disorder in totally blind people (SET and RESET): two multicentre, randomised, double-masked, placebo-controlled phase 3 trials. <i>Lancet</i> , The, 2015, 386, 1754-1764.	13.7	272
16	The relationship between sleep and behavior in autism spectrum disorder (ASD): a review. <i>Journal of Neurodevelopmental Disorders</i> , 2014, 6, 44.	3.1	267
17	Breast cancer and circadian disruption from electric lighting in the modern world. <i>Ca-A Cancer Journal for Clinicians</i> , 2014, 64, 207-218.	329.8	252
18	Effects of Health Care Provider Work Hours and Sleep Deprivation on Safety and Performance. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2007, 33, 7-18.	0.7	243

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19	Human responses to bright light of different durations. <i>Journal of Physiology</i> , 2012, 590, 3103-3112.	2.9	233
20	Relationship between Melatonin Rhythms and Visual Loss in the Blind. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 3763-3770.	3.6	227
21	Human phase response curve to a 1 h pulse of bright white light. <i>Journal of Physiology</i> , 2012, 590, 3035-3045.	2.9	213
22	Efficacy of Melatonin Treatment in Jet Lag, Shift Work, and Blindness. <i>Journal of Biological Rhythms</i> , 1997, 12, 604-617.	2.6	212
23	The Impact of Shift Work on Sleep, Alertness and Performance in Healthcare Workers. <i>Scientific Reports</i> , 2019, 9, 4635.	3.3	185
24	The 3111 Clock gene polymorphism is not associated with sleep and circadian rhythmicity in phenotypically characterized human subjects. <i>Journal of Sleep Research</i> , 2002, 11, 305-312.	3.2	183
25	Melanopsin and Rod Cone Photoreceptors Play Different Roles in Mediating Pupillary Light Responses during Exposure to Continuous Light in Humans. <i>Journal of Neuroscience</i> , 2012, 32, 14242-14253.	3.6	181
26	Diurnal Spectral Sensitivity of the Acute Alerting Effects of Light. <i>Sleep</i> , 2014, 37, 271-281.	1.1	162
27	Recommendations for daytime, evening, and nighttime indoor light exposure to best support physiology, sleep, and wakefulness in healthy adults. <i>PLoS Biology</i> , 2022, 20, e3001571.	5.6	158
28	The Effects of Low-Dose 0.5-mg Melatonin on the Free-Running Circadian Rhythms of Blind Subjects. <i>Journal of Biological Rhythms</i> , 2003, 18, 420-429.	2.6	152
29	Neurobehavioral, health, and safety consequences associated with shift work in safety-sensitive professions. <i>Current Neurology and Neuroscience Reports</i> , 2009, 9, 155-164.	4.2	141
30	Visual impairment and circadian rhythm disorders. <i>Dialogues in Clinical Neuroscience</i> , 2007, 9, 301-314.	3.7	138
31	Acute Effects of Bright Light Exposure on Cortisol Levels. <i>Journal of Biological Rhythms</i> , 2010, 25, 208-216.	2.6	133
32	Circadian Disruption, Sleep Loss, and Prostate Cancer Risk: A Systematic Review of Epidemiologic Studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 1002-1011.	2.5	131
33	Human phase response curve to a single 6.5 h pulse of short wavelength light. <i>Journal of Physiology</i> , 2013, 591, 353-363.	2.9	125
34	Relationship between Napping and Melatonin in the Blind. <i>Journal of Biological Rhythms</i> , 1997, 12, 16-25.	2.6	118
35	Adverse Health Effects of Nighttime Lighting. <i>American Journal of Preventive Medicine</i> , 2013, 45, 343-346.	3.0	118
36	Common Sleep Disorders Increase Risk of Motor Vehicle Crashes and Adverse Health Outcomes in Firefighters. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 233-240.	2.6	114

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37	Objective and subjective measures of sleepiness, and their associations with on-road driving events in shift workers. <i>Journal of Sleep Research</i> , 2013, 22, 58-69.	3.2	106
38	Neurobehavioral Performance Impairment in Insomnia: Relationships with Self-Reported Sleep and Daytime Functioning. <i>Sleep</i> , 2014, 37, 107-116.	1.1	105
39	Randomized Controlled Trial of Light Therapy for Fatigue Following Traumatic Brain Injury. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 303-313.	2.9	101
40	Sleep and Activity Rhythms are Related to Circadian Phase in the Blind. <i>Sleep</i> , 1999, 22, 616-623.	1.1	96
41	Shift Work, Chronotype, and Melatonin Rhythm in Nurses. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1177-1186.	2.5	96
42	Blue Light Stimulates Cognitive Brain Activity in Visually Blind Individuals. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 2072-2085.	2.3	94
43	Alertness, mood and performance rhythm disturbances associated with circadian sleep disorders in the blind. <i>Journal of Sleep Research</i> , 2008, 17, 207-216.	3.2	93
44	Efficacy of melatonin with behavioural sleep-wake scheduling for delayed sleep-wake phase disorder: A double-blind, randomised clinical trial. <i>PLoS Medicine</i> , 2018, 15, e1002587.	8.4	92
45	Circadian Rhythm Disorders and Melatonin Production in 127 Blind Women with and without Light Perception. <i>Journal of Biological Rhythms</i> , 2014, 29, 215-224.	2.6	89
46	Plasma Melatonin Rhythms In Young and Older Humans During Sleep, Sleep Deprivation, and Wake. <i>Sleep</i> , 2007, 30, 1437-1443.	1.1	88
47	The effects of spectral tuning of evening ambient light on melatonin suppression, alertness and sleep. <i>Physiology and Behavior</i> , 2017, 177, 221-229.	2.1	87
48	How to Report Light Exposure in Human Chronobiology and Sleep Research Experiments. <i>Clocks & Sleep</i> , 2019, 1, 280-289.	2.0	82
49	Sleep Disruption Among Older Men and Risk of Prostate Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 872-879.	2.5	79
50	The Physiological Period Length of the Human Circadian Clock In Vivo Is Directly Proportional to Period in Human Fibroblasts. <i>PLoS ONE</i> , 2010, 5, e13376.	2.5	76
51	Impact of Common Diabetes Risk Variant in <i>MTNR1B</i> on Sleep, Circadian, and Melatonin Physiology. <i>Diabetes</i> , 2016, 65, 1741-1751.	0.6	75
52	Urinary Melatonin Levels, Sleep Disruption, and Risk of Prostate Cancer in Elderly Men. <i>European Urology</i> , 2015, 67, 191-194.	1.9	74
53	Timing of Sleep and Its Relationship with the Endogenous Melatonin Rhythm. <i>Frontiers in Neurology</i> , 2010, 1, 137.	2.4	73
54	Exploring the associations between shift work disorder, depression, anxiety and sick leave taken amongst nurses. <i>Journal of Sleep Research</i> , 2020, 29, e12872.	3.2	73

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55	Sleep patterns predictive of daytime challenging behavior in individuals with low-functioning autism. <i>Autism Research</i> , 2018, 11, 391-403.	3.8	72
56	When Policy Meets Physiology. <i>Clinical Orthopaedics and Related Research</i> , 2006, 449, 116-127.	1.5	71
57	Extraocular Light Exposure Does Not Suppress Plasma Melatonin in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3369-3372.	3.6	69
58	Deterioration of Neurobehavioral Performance in Resident Physicians During Repeated Exposure to Extended Duration Work Shifts. <i>Sleep</i> , 2012, 35, 1137-46.	1.1	69
59	Prevalence of Circadian Misalignment and Its Association With Depressive Symptoms in Delayed Sleep Phase Disorder. <i>Sleep</i> , 2017, 40, .	1.1	69
60	Preliminary Method for Prospective Analysis of the Circadian Efficacy of (Day)Light with Applications to Healthcare Architecture. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2008, 5, 1-26.	2.9	68
61	Effects of light on human circadian rhythms. <i>Reproduction, Nutrition, Development</i> , 1999, 39, 295-304.	1.9	66
62	A unified model of melatonin, 6-sulfatoxymelatonin, and sleep dynamics. <i>Journal of Pineal Research</i> , 2018, 64, e12474.	7.4	66
63	Endogenous circadian regulation of pro-inflammatory cytokines and chemokines in the presence of bacterial lipopolysaccharide in humans. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 4-13.	4.1	64
64	Circadian Phase and Phase Angle Disorders in Primary Insomnia. <i>Sleep</i> , 2017, 40, .	1.1	64
65	Shiftwork and Prostate-Specific Antigen in the National Health and Nutrition Examination Survey. <i>Journal of the National Cancer Institute</i> , 2013, 105, 1292-1297.	6.3	63
66	Total visual blindness is protective against breast cancer. <i>Cancer Causes and Control</i> , 2009, 20, 1753-1756.	1.8	62
67	Chronobiology of Epilepsy: Diagnostic and Therapeutic Implications of Chrono-Epileptology. <i>Journal of Clinical Neurophysiology</i> , 2011, 28, 146-153.	1.7	56
68	Associations between sleep disturbances, mental health outcomes and burnout in firefighters, and the mediating role of sleep during overnight work: A cross-sectional study. <i>Journal of Sleep Research</i> , 2019, 28, e12869.	3.2	56
69	Associations between shift work characteristics, shift work schedules, sleep and burnout in North American police officers: a cross-sectional study. <i>BMJ Open</i> , 2019, 9, e030302.	1.9	56
70	Effect on Patient Safety of a Resident Physician Schedule without 24-Hour Shifts. <i>New England Journal of Medicine</i> , 2020, 382, 2514-2523.	27.0	55
71	Use of Melatonin in the Treatment of Phase Shift and Sleep Disorders. <i>Advances in Experimental Medicine and Biology</i> , 1999, 467, 79-84.	1.6	55
72	Improved Neurobehavioral Performance during the Wake Maintenance Zone. <i>Journal of Clinical Sleep Medicine</i> , 2013, 09, 353-362.	2.6	54

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73	Randomized, Prospective Study of the Impact of a Sleep Health Program on Firefighter Injury and Disability. <i>Sleep</i> , 2017, 40, .	1.1	54
74	Increased sensitivity of the circadian system to light in delayed sleepâ€“wake phase disorder. <i>Journal of Physiology</i> , 2018, 596, 6249-6261.	2.9	54
75	Nonâ€“24-Hour Sleepâ€“Wake Rhythm Disorder in Sighted and Blind Patients. <i>Sleep Medicine Clinics</i> , 2015, 10, 495-516.	2.6	51
76	Endogenous Circadian Regulation of Female Reproductive Hormones. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 6049-6059.	3.6	51
77	Circadian Photoreception: Spotlight on the Brain. <i>Current Biology</i> , 2006, 16, R795-R797.	3.9	50
78	Modeling Neurocognitive Decline and Recovery During Repeated Cycles of Extended Sleep and Chronic Sleep Deficiency. <i>Sleep</i> , 2017, 40, .	1.1	50
79	Temporal dynamics of circadian phase shifting response to consecutive night shifts in healthcare workers: role of lightâ€“dark exposure. <i>Journal of Physiology</i> , 2018, 596, 2381-2395.	2.9	48
80	Modelling â€“non-visualâ€“ effects of daylighting in a residential environment. <i>Building and Environment</i> , 2013, 70, 138-149.	6.9	46
81	Circadian phase resetting by a single short-duration light exposure. <i>JCI Insight</i> , 2017, 2, e89494.	5.0	46
82	Does Simulator-Based Clinical Performance Correlate With Actual Hospital Behavior? The Effect of Extended Work Hours on Patient Care Provided by Medical Interns. <i>Academic Medicine</i> , 2010, 85, 1583-1588.	1.6	45
83	Effective Implementation of Work-Hour Limits and Systemic Improvements. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2007, 33, 19-29.	0.7	43
84	Suppression of Melatonin Secretion in Totally Visually Blind People by Ocular Exposure to White Light. <i>Ophthalmology</i> , 2018, 125, 1160-1171.	5.2	42
85	Functional decoupling of melatonin suppression and circadian phase resetting in humans. <i>Journal of Physiology</i> , 2018, 596, 2147-2157.	2.9	42
86	Sleep Duration and Disruption and Prostate Cancer Risk: a 23-Year Prospective Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 302-308.	2.5	41
87	Evaluation of a Single-Channel Nasal Pressure Device to Assess Obstructive Sleep Apnea Risk in Laboratory and Home Environments. <i>Journal of Clinical Sleep Medicine</i> , 2013, 09, 109-116.	2.6	40
88	Circadian clock genes and risk of fatal prostate cancer. <i>Cancer Causes and Control</i> , 2015, 26, 25-33.	1.8	39
89	Randomised controlled trial of the efficacy of a blue-enriched light intervention to improve alertness and performance in night shift workers. <i>Occupational and Environmental Medicine</i> , 2017, 74, 792-801.	2.8	39
90	Synchronizing education to adolescent biology: â€“let teens sleep, start school laterâ€“™. <i>Learning, Media and Technology</i> , 2015, 40, 210-226.	3.2	38

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91	Solid-state lighting for the International Space Station: Tests of visual performance and melatonin regulation. <i>Acta Astronautica</i> , 2013, 92, 21-28.	3.2	37
92	Sleepiness and driving events in shift workers: the impact of circadian and homeostatic factors. <i>Sleep</i> , 2019, 42, .	1.1	37
93	Learning to Live on a Mars Day: Fatigue Countermeasures during the Phoenix Mars Lander Mission. <i>Sleep</i> , 2012, 35, 1423-35.	1.1	36
94	Application of a Limit-Cycle Oscillator Model for Prediction of Circadian Phase in Rotating Night Shift Workers. <i>Scientific Reports</i> , 2019, 9, 11032.	3.3	36
95	Daytime Exposure to Short- and Medium-Wavelength Light Did Not Improve Alertness and Neurobehavioral Performance. <i>Journal of Biological Rhythms</i> , 2016, 31, 470-482.	2.6	34
96	Is 8:30 a.m. Still Too Early to Start School? A 10:00 a.m. School Start Time Improves Health and Performance of Students Aged 13â€“16. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 588.	2.0	34
97	Increased vulnerability to attentional failure during acute sleep deprivation in women depends on menstrual phase. <i>Sleep</i> , 2018, 41, .	1.1	34
98	Sleep regularity is associated with sleep-wake and circadian timing, and mediates daytime function in Delayed Sleep-Wake Phase Disorder. <i>Sleep Medicine</i> , 2019, 58, 93-101.	1.6	34
99	Timed Melatonin Treatment for Delayed Sleep Phase Syndrome: The Importance of Knowing Circadian Phase. <i>Sleep</i> , 2005, 28, 1214-1216.	1.1	33
100	Inter-Individual Differences in Neurobehavioural Impairment following Sleep Restriction Are Associated with Circadian Rhythm Phase. <i>PLoS ONE</i> , 2015, 10, e0128273.	2.5	33
101	Temporal Dynamics of Ocular Indicators of Sleepiness across Sleep Restriction. <i>Journal of Biological Rhythms</i> , 2013, 28, 412-424.	2.6	31
102	Circadian and wake-dependent changes in human plasma polar metabolites during prolonged wakefulness: A preliminary analysis. <i>Scientific Reports</i> , 2019, 9, 4428.	3.3	31
103	Self-reported Drowsiness and Safety Outcomes While Driving After an Extended Duration Work Shift in Trainee Physicians. <i>Sleep</i> , 2018, 41, .	1.1	30
104	Characterizing the temporal Dynamics of Melatonin and Cortisol Changes in Response to Nocturnal Light Exposure. <i>Scientific Reports</i> , 2019, 9, 19720.	3.3	30
105	Prediction of Cognitive Performance and Subjective Sleepiness Using a Model of Arousal Dynamics. <i>Journal of Biological Rhythms</i> , 2018, 33, 203-218.	2.6	29
106	Modeling melanopsinâ€mediated effects of light on circadian phase, melatonin suppression, and subjective sleepiness. <i>Journal of Pineal Research</i> , 2020, 69, e12681.	7.4	29
107	Analysis Method and Experimental Conditions Affect Computed Circadian Phase from Melatonin Data. <i>PLoS ONE</i> , 2012, 7, e33836.	2.5	28
108	Journal of Pineal Research guideline for authors: Measuring melatonin in humans. <i>Journal of Pineal Research</i> , 2020, 69, e12664.	7.4	28

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109	Generalizability of A Neural Network Model for Circadian Phase Prediction in Real-World Conditions. <i>Scientific Reports</i> , 2019, 9, 11001.	3.3	27
110	Pineal Gland Volume Assessed by MRI and Its Correlation with 6-Sulfatoxymelatonin Levels among Older Men. <i>Journal of Biological Rhythms</i> , 2016, 31, 461-469.	2.6	26
111	Non-24-Hour Sleep-Wake Syndrome in Sighted and Blind Patients. <i>Sleep Medicine Clinics</i> , 2009, 4, 195-211.	2.6	25
112	The wake maintenance zone shows task dependent changes in cognitive function following one night without sleep. <i>Sleep</i> , 2018, 41, .	1.1	25
113	Validation of a Light Questionnaire with Real-life Photopic Illuminance Measurements: the Harvard Light Exposure Assessment Questionnaire. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 1341-1349.	2.5	24
114	Caffeine does not entrain the circadian clock but improves daytime alertness in blind patients with non-24-hour rhythms. <i>Sleep Medicine</i> , 2015, 16, 800-804.	1.6	24
115	Circadian gene variants influence sleep and the sleep electroencephalogram in humans. <i>Chronobiology International</i> , 2016, 33, 561-573.	2.0	24
116	Chronotype Genetic Variant in PER2 is Associated with Intrinsic Circadian Period in Humans. <i>Scientific Reports</i> , 2019, 9, 5350.	3.3	24
117	Day-time naps and melatonin in blind people. <i>Lancet</i> , The, 1995, 346, 1491.	13.7	23
118	Implementing a Sleep Health Education and Sleep Disorders Screening Program in Fire Departments. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 601-609.	1.7	23
119	Behaviorally-determined sleep phenotypes are robustly associated with adaptive functioning in individuals with low functioning autism. <i>Scientific Reports</i> , 2017, 7, 14228.	3.3	23
120	Effects on resident work hours, sleep duration, and work experience in a randomized order safety trial evaluating resident-physician schedules (ROSTERS). <i>Sleep</i> , 2019, 42, .	1.1	22
121	Sleep Propensity under Forced Desynchrony in a Model of Arousal State Dynamics. <i>Journal of Biological Rhythms</i> , 2016, 31, 498-508.	2.6	21
122	Classifying attentional vulnerability to total sleep deprivation using baseline features of Psychomotor Vigilance Test performance. <i>Scientific Reports</i> , 2019, 9, 12102.	3.3	21
123	A Blue-Enriched, Increased Intensity Light Intervention to Improve Alertness and Performance in Rotating Night Shift Workers in an Operational Setting. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 647-657.	2.7	21
124	In-person vs home schooling during the COVID-19 pandemic: Differences in sleep, circadian timing, and mood in early adolescence. <i>Journal of Pineal Research</i> , 2021, 71, e12757.	7.4	21
125	Cross-sectional analysis of sleep-promoting and wake-promoting drug use on health, fatigue-related error, and near-crashes in police officers. <i>BMJ Open</i> , 2018, 8, e022041.	1.9	19
126	Relationship between melatonin and bone resorption rhythms in premenopausal women. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 60-71.	2.7	19

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127	Sleep and cognitive function of crewmembers and mission controllers working 24-h shifts during a simulated 105-day spaceflight mission. <i>Acta Astronautica</i> , 2014, 93, 230-242.	3.2	18
128	The role of sleep hygiene in the risk of Shift Work Disorder in nurses. <i>Sleep</i> , 2020, 43, .	1.1	18
129	Daytime Exposure to Short Wavelength-Enriched Light Improves Cognitive Performance in Sleep-Restricted College-Aged Adults. <i>Frontiers in Neurology</i> , 2021, 12, 624217.	2.4	18
130	Extended Work Shifts and Neurobehavioral Performance in Resident-Physicians. <i>Pediatrics</i> , 2021, 147, .	2.1	18
131	Exposure to Short Wavelength-Enriched White Light and Exercise Improves Alertness and Performance in Operational NASA Flight Controllers Working Overnight Shifts. <i>Journal of Occupational and Environmental Medicine</i> , 2021, 63, 111-118.	1.7	18
132	A Pre-Screening Questionnaire to Predict Non-24-Hour Sleep-Wake Rhythm Disorder (N24HSWD) among the Blind. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 703-710.	2.6	17
133	Light modulates oscillatory alpha activity in the occipital cortex of totally visually blind individuals with intact non-image-forming photoreception. <i>Scientific Reports</i> , 2018, 8, 16968.	3.3	17
134	Brief (< 4 hr) sleep episodes are insufficient for restoring performance in first-year resident physicians working overnight extended-duration work shifts. <i>Sleep</i> , 2019, 42, .	1.1	17
135	Menstrual phase-dependent differences in neurobehavioral performance: the role of temperature and the progesterone/estradiol ratio. <i>Sleep</i> , 2020, 43, .	1.1	17
136	Spectral sensitivity of circadian phase resetting, melatonin suppression and acute alerting effects of intermittent light exposure. <i>Biochemical Pharmacology</i> , 2021, 191, 114504.	4.4	17
137	Circadian lipid and hepatic protein rhythms shift with a phase response curve different than melatonin. <i>Nature Communications</i> , 2022, 13, 681.	12.8	17
138	Ocular exposure to blue-enriched light has an asymmetric influence on neural activity and spatial attention. <i>Scientific Reports</i> , 2016, 6, 27754.	3.3	15
139	The effectiveness of an individualized sleep and shift work education and coaching program to manage shift work disorder in nurses: a randomized controlled trial. <i>Journal of Clinical Sleep Medicine</i> , 2022, 18, 1035-1045.	2.6	15
140	Safety considerations for the use of blue-light blocking glasses in shift-workers. <i>Journal of Pineal Research</i> , 2007, 42, 210-211.	7.4	14
141	Ocular Measures of Sleepiness Are Increased in Night Shift Workers Undergoing a Simulated Night Shift Near the Peak Time of the 6-Sulfatoxymelatonin Rhythm. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 1131-1141.	2.6	14
142	Light Me up? Why, When, and How Much Light We Need. <i>Journal of Biological Rhythms</i> , 2019, 34, 573-575.	2.6	12
143	Home-based light therapy for fatigue following acquired brain injury: a pilot randomized controlled trial. <i>BMC Neurology</i> , 2021, 21, 262.	1.8	12
144	Effect of Light Perception on Menarche in Blind Women. <i>Ophthalmic Epidemiology</i> , 2009, 16, 243-248.	1.7	11

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145	Time-of-day and Meal Size Effects on Clinical Lipid Markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1373-e1379.	3.6	11
146	Design and recruitment of the randomized order safety trial evaluating resident-physician schedules (ROSTERS) study. <i>Contemporary Clinical Trials</i> , 2019, 80, 22-33.	1.8	10
147	Using a Single Daytime Performance Test to Identify Most Individuals at High-Risk for Performance Impairment during Extended Wake. <i>Scientific Reports</i> , 2019, 9, 16681.	3.3	9
148	Manipulating sleep duration perception changes cognitive performance – An exploratory analysis. <i>Journal of Psychosomatic Research</i> , 2020, 132, 109992.	2.6	9
149	Endogenous circadian regulation and phase resetting of clinical metabolic biomarkers. <i>Journal of Pineal Research</i> , 2021, 71, e12752.	7.4	8
150	Prediction of shiftworker alertness, sleep, and circadian phase using a model of arousal dynamics constrained by shift schedules and light exposure. <i>Sleep</i> , 2021, 44, .	1.1	7
151	A PERIOD3 variable number tandem repeat polymorphism modulates melatonin treatment response in delayed sleep-wake phase disorder. <i>Journal of Pineal Research</i> , 2020, 69, e12684.	7.4	6
152	The impact of the wake maintenance zone on attentional capacity, physiological drowsiness, and subjective task demands during sleep deprivation. <i>Journal of Sleep Research</i> , 2021, 30, e13312.	3.2	6
153	Light-based methods for predicting circadian phase in delayed sleep-wake phase disorder. <i>Scientific Reports</i> , 2021, 11, 10878.	3.3	6
154	Insomnia among elderly men and risk of prostate cancer.. <i>Journal of Clinical Oncology</i> , 2012, 30, 78-78.	1.6	6
155	Dynamic lighting schedules to facilitate circadian adaptation to shifted timing of sleep and wake. <i>Journal of Pineal Research</i> , 2022, 73, .	7.4	6
156	The role of circadian phase in sleep and performance during Antarctic winter expeditions. <i>Journal of Pineal Research</i> , 2022, 73, .	7.4	6
157	Effect of intern's consecutive work hours on safety, medical education and professionalism. <i>Critical Care</i> , 2005, 9, 528.	5.8	5
158	Classifying performance impairment in response to sleep loss using pattern recognition algorithms on single session testing. <i>Accident Analysis and Prevention</i> , 2013, 50, 992-1002.	5.7	5
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