

Steven W Lockley

List of Publications by Citations

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

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|--------------------|--------------------------|----------------|-----------------|
| 174 papers | 13,438 citations | 55 h-index | 114 g-index |
| 183 ext. papers | 15,699 ext. citations | 6.9 avg, IF | 6.31 L-index |

| # | Paper | IF | Citations |
|-----|---|-------|-----------|
| 174 | Effect of reducing interns' work hours on serious medical errors in intensive care units. <i>New England Journal of Medicine</i> , 2004 , 351, 1838-48 | 59.2 | 1312 |
| 173 | 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, 1694-700 | 1.4 | 1246 |
| 172 | Effect of reducing interns' weekly work hours on sleep and attentional failures. <i>New England Journal of Medicine</i> , 2004 , 351, 1829-37 | 59.2 | 718 |
| 171 | Measuring and using light in the melanopsin age. <i>Trends in Neurosciences</i> , 2014 , 37, 1-9 | 13.3 | 651 |
| 170 | High sensitivity of the human circadian melatonin rhythm to resetting by short wavelength light. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 4502-5 | 5.6 | 550 |
| 169 | Comparison between subjective and actigraphic measurement of sleep and sleep rhythms. <i>Journal of Sleep Research</i> , 1999 , 8, 175-83 | 5.8 | 453 |
| 168 | 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 | 359 |
| 167 | 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, E463-72 | 5.6 | 288 |
| 166 | Integration of human sleep-wake regulation and circadian rhythmicity. <i>Journal of Applied Physiology</i> , 2002 , 92, 852-62 | 3.7 | 277 |
| 165 | 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 | 17.5 | 258 |
| 164 | Short-wavelength light sensitivity of circadian, pupillary, and visual awareness in humans lacking an outer retina. <i>Current Biology</i> , 2007 , 17, 2122-8 | 6.3 | 238 |
| 163 | Sleep disorders, health, and safety in police officers. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 2567-78 | 27.4 | 224 |
| 162 | Breast cancer and circadian disruption from electric lighting in the modern world. <i>Ca-A Cancer Journal for Clinicians</i> , 2014 , 64, 207-18 | 220.7 | 197 |
| 161 | Relationship between melatonin rhythms and visual loss in the blind. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 3763-70 | 5.6 | 194 |
| 160 | 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 | 1.4 | 189 |
| 159 | Human responses to bright light of different durations. <i>Journal of Physiology</i> , 2012 , 590, 3103-12 | 3.9 | 184 |
| 158 | Efficacy of melatonin treatment in jet lag, shift work, and blindness. <i>Journal of Biological Rhythms</i> , 1997 , 12, 604-17 | 3.2 | 179 |

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|-----|--|------|-----|
| 157 | The relationship between sleep and behavior in autism spectrum disorder (ASD): a review. <i>Journal of Neurodevelopmental Disorders</i> , 2014 , 6, 44 | 4.6 | 175 |
| 156 | Irregular sleep/wake patterns are associated with poorer academic performance and delayed circadian and sleep/wake timing. <i>Scientific Reports</i> , 2017 , 7, 3216 | 4.9 | 172 |
| 155 | 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, 305-12 | 5.8 | 171 |
| 154 | Human phase response curve to a 1 h pulse of bright white light. <i>Journal of Physiology</i> , 2012 , 590, 3035-45 | 5.9 | 164 |
| 153 | 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, The</i> , 2015 , 386, 1754-64 | 4.8 | 162 |
| 152 | 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 | 11.5 | 151 |
| 151 | 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, 14242-53 | 6.6 | 135 |
| 150 | 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, 420-9 | 3.2 | 130 |
| 149 | Diurnal spectral sensitivity of the acute alerting effects of light. <i>Sleep</i> , 2014 , 37, 271-81 | 1.1 | 122 |
| 148 | Neurobehavioral, health, and safety consequences associated with shift work in safety-sensitive professions. <i>Current Neurology and Neuroscience Reports</i> , 2009 , 9, 155-64 | 6.6 | 117 |
| 147 | Visual impairment and circadian rhythm disorders. <i>Dialogues in Clinical Neuroscience</i> , 2007 , 9, 301-14 | 5.7 | 108 |
| 146 | Relationship between napping and melatonin in the blind. <i>Journal of Biological Rhythms</i> , 1997 , 12, 16-25 | 3.2 | 104 |
| 145 | Circadian disruption, sleep loss, and prostate cancer risk: a systematic review of epidemiologic studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012 , 21, 1002-11 | 4 | 103 |
| 144 | Acute effects of bright light exposure on cortisol levels. <i>Journal of Biological Rhythms</i> , 2010 , 25, 208-16 | 3.2 | 97 |
| 143 | Adverse health effects of nighttime lighting: comments on American Medical Association policy statement. <i>American Journal of Preventive Medicine</i> , 2013 , 45, 343-6 | 6.1 | 96 |
| 142 | Human phase response curve to a single 6.5 h pulse of short-wavelength light. <i>Journal of Physiology</i> , 2013 , 591, 353-63 | 3.9 | 95 |
| 141 | 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 | 5.8 | 85 |
| 140 | The Impact of Shift Work on Sleep, Alertness and Performance in Healthcare Workers. <i>Scientific Reports</i> , 2019 , 9, 4635 | 4.9 | 81 |

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|-----|---|------|----|
| 139 | Alertness, mood and performance rhythm disturbances associated with circadian sleep disorders in the blind. <i>Journal of Sleep Research</i> , 2008 , 17, 207-16 | 5.8 | 81 |
| 138 | Sleep and activity rhythms are related to circadian phase in the blind. <i>Sleep</i> , 1999 , 22, 616-23 | 1.1 | 80 |
| 137 | Neurobehavioral performance impairment in insomnia: relationships with self-reported sleep and daytime functioning. <i>Sleep</i> , 2014 , 37, 107-16 | 1.1 | 79 |
| 136 | Plasma melatonin rhythms in young and older humans during sleep, sleep deprivation, and wake. <i>Sleep</i> , 2007 , 30, 1437-43 | 1.1 | 76 |
| 135 | Randomized controlled trial of light therapy for fatigue following traumatic brain injury. <i>Neurorehabilitation and Neural Repair</i> , 2014 , 28, 303-13 | 4.7 | 75 |
| 134 | Common sleep disorders increase risk of motor vehicle crashes and adverse health outcomes in firefighters. <i>Journal of Clinical Sleep Medicine</i> , 2015 , 11, 233-40 | 3.1 | 74 |
| 133 | Blue light stimulates cognitive brain activity in visually blind individuals. <i>Journal of Cognitive Neuroscience</i> , 2013 , 25, 2072-85 | 3.1 | 71 |
| 132 | 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 | 3.7 | 64 |
| 131 | The effects of spectral tuning of evening ambient light on melatonin suppression, alertness and sleep. <i>Physiology and Behavior</i> , 2017 , 177, 221-229 | 3.5 | 63 |
| 130 | Deterioration of neurobehavioral performance in resident physicians during repeated exposure to extended duration work shifts. <i>Sleep</i> , 2012 , 35, 1137-46 | 1.1 | 62 |
| 129 | Extraocular light exposure does not suppress plasma melatonin in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3369-72 | 5.6 | 62 |
| 128 | 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 | 3.2 | 61 |
| 127 | A unified model of melatonin, 6-sulfatoxymelatonin, and sleep dynamics. <i>Journal of Pineal Research</i> , 2018 , 64, e12474 | 10.4 | 59 |
| 126 | Effects of light on human circadian rhythms. <i>Reproduction, Nutrition, Development</i> , 1999 , 39, 295-304 | | 59 |
| 125 | Timing of sleep and its relationship with the endogenous melatonin rhythm. <i>Frontiers in Neurology</i> , 2010 , 1, 137 | 4.1 | 58 |
| 124 | When policy meets physiology: the challenge of reducing resident work hours. <i>Clinical Orthopaedics and Related Research</i> , 2006 , 449, 116-27 | 2.2 | 58 |
| 123 | Total visual blindness is protective against breast cancer. <i>Cancer Causes and Control</i> , 2009 , 20, 1753-6 | 2.8 | 57 |
| 122 | Sleep disruption among older men and risk of prostate cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 872-9 | 4 | 56 |

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|-----|--|------|----|
| 121 | Impact of Common Diabetes Risk Variant in MTNR1B on Sleep, Circadian, and Melatonin Physiology. <i>Diabetes</i> , 2016 , 65, 1741-51 | 0.9 | 55 |
| 120 | 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 | 3.5 | 52 |
| 119 | Shiftwork and prostate-specific antigen in the National Health and Nutrition Examination Survey. <i>Journal of the National Cancer Institute</i> , 2013 , 105, 1292-7 | 9.7 | 51 |
| 118 | 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 | 11.6 | 50 |
| 117 | Urinary melatonin levels, sleep disruption, and risk of prostate cancer in elderly men. <i>European Urology</i> , 2015 , 67, 191-4 | 10.2 | 50 |
| 116 | How to Report Light Exposure in Human Chronobiology and Sleep Research Experiments. <i>Clocks & Sleep</i> , 2019 , 1, 280-289 | 2.9 | 49 |
| 115 | Shift Work, Chronotype, and Melatonin Rhythm in Nurses. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019 , 28, 1177-1186 | 4 | 48 |
| 114 | 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 | 16.6 | 48 |
| 113 | Chronobiology of epilepsy: diagnostic and therapeutic implications of chrono-epileptology. <i>Journal of Clinical Neurophysiology</i> , 2011 , 28, 146-53 | 2.2 | 47 |
| 112 | Sleep patterns predictive of daytime challenging behavior in individuals with low-functioning autism. <i>Autism Research</i> , 2018 , 11, 391-403 | 5.1 | 46 |
| 111 | Circadian Phase and Phase Angle Disorders in Primary Insomnia. <i>Sleep</i> , 2017 , 40, | 1.1 | 45 |
| 110 | Prevalence of Circadian Misalignment and Its Association With Depressive Symptoms in Delayed Sleep Phase Disorder. <i>Sleep</i> , 2017 , 40, | 1.1 | 43 |
| 109 | Use of melatonin in the treatment of phase shift and sleep disorders. <i>Advances in Experimental Medicine and Biology</i> , 1999 , 467, 79-84 | 3.6 | 42 |
| 108 | Effective implementation of work-hour limits and systemic improvements. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2007 , 33, 19-29 | 1.4 | 41 |
| 107 | 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, 1583-8 | 3.9 | 40 |
| 106 | Circadian photoreception: spotlight on the brain. <i>Current Biology</i> , 2006 , 16, R795-7 | 6.3 | 40 |
| 105 | Temporal dynamics of circadian phase shifting response to consecutive night shifts in healthcare workers: role of light-dark exposure. <i>Journal of Physiology</i> , 2018 , 596, 2381-2395 | 3.9 | 39 |
| 104 | Randomized, Prospective Study of the Impact of a Sleep Health Program on Firefighter Injury and Disability. <i>Sleep</i> , 2017 , 40, | 1.1 | 37 |

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|-----|--|------|----|
| 103 | Improved neurobehavioral performance during the wake maintenance zone. <i>Journal of Clinical Sleep Medicine</i> , 2013 , 9, 353-62 | 3.1 | 37 |
| 102 | Exploring the associations between shift work disorder, depression, anxiety and sick leave taken amongst nurses. <i>Journal of Sleep Research</i> , 2020 , 29, e12872 | 5.8 | 37 |
| 101 | Non-24-Hour Sleep-Wake Rhythm Disorder in Sighted and Blind Patients. <i>Sleep Medicine Clinics</i> , 2015 , 10, 495-516 | 3.6 | 36 |
| 100 | Modelling Non-visual Effects of daylighting in a residential environment. <i>Building and Environment</i> , 2013 , 70, 138-149 | 6.5 | 36 |
| 99 | Modeling Neurocognitive Decline and Recovery During Repeated Cycles of Extended Sleep and Chronic Sleep Deficiency. <i>Sleep</i> , 2017 , 40, | 1.1 | 34 |
| 98 | Increased sensitivity of the circadian system to light in delayed sleep-wake phase disorder. <i>Journal of Physiology</i> , 2018 , 596, 6249-6261 | 3.9 | 34 |
| 97 | Functional decoupling of melatonin suppression and circadian phase resetting in humans. <i>Journal of Physiology</i> , 2018 , 596, 2147-2157 | 3.9 | 30 |
| 96 | Timed melatonin treatment for delayed sleep phase syndrome: the importance of knowing circadian phase. <i>Sleep</i> , 2005 , 28, 1214-6 | 1.1 | 30 |
| 95 | 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 | 2.1 | 29 |
| 94 | 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 | 5.8 | 29 |
| 93 | Synchronizing education to adolescent biology: Let teens sleep, start school later. <i>Learning, Media and Technology</i> , 2015 , 40, 210-226 | 4.1 | 29 |
| 92 | 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 , 9, 109-16 | 3.1 | 29 |
| 91 | Daytime Exposure to Short- and Medium-Wavelength Light Did Not Improve Alertness and Neurobehavioral Performance. <i>Journal of Biological Rhythms</i> , 2016 , 31, 470-82 | 3.2 | 27 |
| 90 | Circadian phase resetting by a single short-duration light exposure. <i>JCI Insight</i> , 2017 , 2, e89494 | 9.9 | 27 |
| 89 | Circadian clock genes and risk of fatal prostate cancer. <i>Cancer Causes and Control</i> , 2015 , 26, 25-33 | 2.8 | 26 |
| 88 | Learning to live on a Mars day: fatigue countermeasures during the Phoenix Mars Lander mission. <i>Sleep</i> , 2012 , 35, 1423-35 | 1.1 | 26 |
| 87 | Effect on Patient Safety of a Resident Physician Schedule without 24-Hour Shifts. <i>New England Journal of Medicine</i> , 2020 , 382, 2514-2523 | 59.2 | 25 |
| 86 | Sleep Duration and Disruption and Prostate Cancer Risk: a 23-Year Prospective Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 302-8 | 4 | 25 |

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|----|---|-----|----|
| 85 | Solid-state lighting for the International Space Station: Tests of visual performance and melatonin regulation. <i>Acta Astronautica</i> , 2013 , 92, 21-28 | 2.9 | 25 |
| 84 | 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 13-16. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 588 | 3.3 | 25 |
| 83 | Endogenous Circadian Regulation of Female Reproductive Hormones. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 6049-6059 | 5.6 | 24 |
| 82 | Suppression of Melatonin Secretion in Totally Visually Blind People by Ocular Exposure to White Light: Clinical Characteristics. <i>Ophthalmology</i> , 2018 , 125, 1160-1171 | 7.3 | 24 |
| 81 | Application of a Limit-Cycle Oscillator Model for Prediction of Circadian Phase in Rotating Night Shift Workers. <i>Scientific Reports</i> , 2019 , 9, 11032 | 4.9 | 23 |
| 80 | Inter-Individual Differences in Neurobehavioural Impairment following Sleep Restriction Are Associated with Circadian Rhythm Phase. <i>PLoS ONE</i> , 2015 , 10, e0128273 | 3.7 | 23 |
| 79 | Analysis method and experimental conditions affect computed circadian phase from melatonin data. <i>PLoS ONE</i> , 2012 , 7, e33836 | 3.7 | 23 |
| 78 | Temporal dynamics of ocular indicators of sleepiness across sleep restriction. <i>Journal of Biological Rhythms</i> , 2013 , 28, 412-24 | 3.2 | 23 |
| 77 | 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 | 9.7 | 22 |
| 76 | Sleepiness and driving events in shift workers: the impact of circadian and homeostatic factors. <i>Sleep</i> , 2019 , 42, | 1.1 | 21 |
| 75 | Self-reported Drowsiness and Safety Outcomes While Driving After an Extended Duration Work Shift in Trainee Physicians. <i>Sleep</i> , 2018 , 41, | 1.1 | 21 |
| 74 | Implementing a Sleep Health Education and Sleep Disorders Screening Program in Fire Departments: A Comparison of Methodology. <i>Journal of Occupational and Environmental Medicine</i> , 2016 , 58, 601-9 | 2 | 21 |
| 73 | Increased vulnerability to attentional failure during acute sleep deprivation in women depends on menstrual phase. <i>Sleep</i> , 2018 , 41, | 1.1 | 21 |
| 72 | Pineal Gland Volume Assessed by MRI and Its Correlation with 6-Sulfatoxymelatonin Levels among Older Men. <i>Journal of Biological Rhythms</i> , 2016 , 31, 461-9 | 3.2 | 20 |
| 71 | Non-24-Hour Sleep-Wake Syndrome in Sighted and Blind Patients. <i>Sleep Medicine Clinics</i> , 2009 , 4, 195-211 | 3.6 | 20 |
| 70 | 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 | 3 | 20 |
| 69 | 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 | 4.6 | 19 |
| 68 | Day-time naps and melatonin in blind people. <i>Lancet, The</i> , 1995 , 346, 1491 | 4.0 | 19 |

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|----|--|------|----|
| 67 | Circadian gene variants influence sleep and the sleep electroencephalogram in humans. <i>Chronobiology International</i> , 2016 , 33, 561-73 | 3.6 | 19 |
| 66 | Circadian and wake-dependent changes in human plasma polar metabolites during prolonged wakefulness: A preliminary analysis. <i>Scientific Reports</i> , 2019 , 9, 4428 | 4.9 | 18 |
| 65 | 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, 800-4 | 4.6 | 16 |
| 64 | Generalizability of A Neural Network Model for Circadian Phase Prediction in Real-World Conditions. <i>Scientific Reports</i> , 2019 , 9, 11001 | 4.9 | 15 |
| 63 | Behaviorally-determined sleep phenotypes are robustly associated with adaptive functioning in individuals with low functioning autism. <i>Scientific Reports</i> , 2017 , 7, 14228 | 4.9 | 15 |
| 62 | 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, 1341-9 | 4 | 15 |
| 61 | Sleep Propensity under Forced Desynchrony in a Model of Arousal State Dynamics. <i>Journal of Biological Rhythms</i> , 2016 , 31, 498-508 | 3.2 | 15 |
| 60 | Relationship between melatonin and bone resorption rhythms in premenopausal women. <i>Journal of Bone and Mineral Metabolism</i> , 2019 , 37, 60-71 | 2.9 | 15 |
| 59 | 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 | 14 |
| 58 | Prediction of Cognitive Performance and Subjective Sleepiness Using a Model of Arousal Dynamics. <i>Journal of Biological Rhythms</i> , 2018 , 33, 203-218 | 3.2 | 14 |
| 57 | The wake maintenance zone shows task dependent changes in cognitive function following one night without sleep. <i>Sleep</i> , 2018 , 41, | 1.1 | 14 |
| 56 | Modeling melanopsin-mediated effects of light on circadian phase, melatonin suppression, and subjective sleepiness. <i>Journal of Pineal Research</i> , 2020 , 69, e12681 | 10.4 | 13 |
| 55 | Characterizing the temporal Dynamics of Melatonin and Cortisol Changes in Response to Nocturnal Light Exposure. <i>Scientific Reports</i> , 2019 , 9, 19720 | 4.9 | 13 |
| 54 | Chronotype Genetic Variant in PER2 is Associated with Intrinsic Circadian Period in Humans. <i>Scientific Reports</i> , 2019 , 9, 5350 | 4.9 | 12 |
| 53 | Brief (. <i>Sleep</i> , 2019 , 42, | 1.1 | 12 |
| 52 | Journal of Pineal Research guideline for authors: Measuring melatonin in humans. <i>Journal of Pineal Research</i> , 2020 , 69, e12664 | 10.4 | 12 |
| 51 | 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 | 2.9 | 12 |
| 50 | Classifying attentional vulnerability to total sleep deprivation using baseline features of Psychomotor Vigilance Test performance. <i>Scientific Reports</i> , 2019 , 9, 12102 | 4.9 | 11 |

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| 49 | 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, 1131-41 | 3.1 | 11 |
| 48 | Safety considerations for the use of blue-light blocking glasses in shift-workers. <i>Journal of Pineal Research</i> , 2007 , 42, 210-1 | 10.4 | 11 |
| 47 | 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, 703-10 | 3.1 | 11 |
| 46 | Ocular exposure to blue-enriched light has an asymmetric influence on neural activity and spatial attention. <i>Scientific Reports</i> , 2016 , 6, 27754 | 4.9 | 11 |
| 45 | The role of sleep hygiene in the risk of Shift Work Disorder in nurses. <i>Sleep</i> , 2020 , 43, | 1.1 | 10 |
| 44 | 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 | 3 | 10 |
| 43 | Effect of Light Perception on Menarche in Blind Women. <i>Ophthalmic Epidemiology</i> , 2009 , 16, 243-248 | 1.9 | 9 |
| 42 | 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 | 4.9 | 9 |
| 41 | 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 | 10.4 | 9 |
| 40 | Light Me up? Why, When, and How Much Light We Need. <i>Journal of Biological Rhythms</i> , 2019 , 34, 573-575 | 5.2 | 8 |
| 39 | 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 | 4.9 | 7 |
| 38 | Design and recruitment of the randomized order safety trial evaluating resident-physician schedules (ROSTERS) study. <i>Contemporary Clinical Trials</i> , 2019 , 80, 22-33 | 2.3 | 6 |
| 37 | Extended Work Shifts and Neurobehavioral Performance in Resident-Physicians. <i>Pediatrics</i> , 2021 , 147, | 7.4 | 6 |
| 36 | Manipulating sleep duration perception changes cognitive performance - An exploratory analysis. <i>Journal of Psychosomatic Research</i> , 2020 , 132, 109992 | 4.1 | 5 |
| 35 | 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 | 2 | 5 |
| 34 | Home-based light therapy for fatigue following acquired brain injury: a pilot randomized controlled trial. <i>BMC Neurology</i> , 2021 , 21, 262 | 3.1 | 5 |
| 33 | Shift Work Disorder 2012 , 378-389 | | 4 |
| 32 | Effect of intern's consecutive work hours on safety, medical education and professionalism. <i>Critical Care</i> , 2005 , 9, 528-30; author reply 528-30 | 10.8 | 4 |

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| 31 | Light-based methods for predicting circadian phase in delayed sleep-wake phase disorder. <i>Scientific Reports</i> , 2021 , 11, 10878 | 4.9 | 4 |
| 30 | 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 , 13, 647-657 | 3.6 | 4 |
| 29 | Daytime Exposure to Short Wavelength-Enriched Light Improves Cognitive Performance in Sleep-Restricted College-Aged Adults. <i>Frontiers in Neurology</i> , 2021 , 12, 624217 | 4.1 | 4 |
| 28 | Spectral sensitivity of circadian phase resetting, melatonin suppression and acute alerting effects of intermittent light exposure. <i>Biochemical Pharmacology</i> , 2021 , 191, 114504 | 6 | 4 |
| 27 | 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 | 6.1 | 3 |
| 26 | 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 | 10.4 | 3 |
| 25 | Menstrual phase-dependent differences in neurobehavioral performance: the role of temperature and the progesterone/estradiol ratio. <i>Sleep</i> , 2020 , 43, | 1.1 | 3 |
| 24 | Endogenous circadian regulation and phase resetting of clinical metabolic biomarkers. <i>Journal of Pineal Research</i> , 2021 , 71, e12752 | 10.4 | 3 |
| 23 | Time-of-day and Meal Size Effects on Clinical Lipid Markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e1373-e1379 | 5.6 | 3 |
| 22 | Law-based arguments and messages to advocate for later school start time policies in the United States. <i>Sleep Health</i> , 2017 , 3, 486-497 | 4 | 2 |
| 21 | Spectral Sensitivity of Circadian, Neuroendocrine and Neurobehavioral Effects of Light. <i>Journal of the Human-Environment System</i> , 2008 , 11, 43-49 | 0.4 | 2 |
| 20 | Development of a Home-Based Light Therapy for Fatigue Following Traumatic Brain Injury: Two Case Studies. <i>Frontiers in Neurology</i> , 2021 , 12, 651498 | 4.1 | 2 |
| 19 | 0969 Attentional Failures Are Correlated With Serious Medical Errors In Resident Physicians. <i>Sleep</i> , 2019 , 42, A390-A390 | 1.1 | 1 |
| 18 | 0995 Schedule Re-design and Patient Safety: the Randomized Order Safety Trial Evaluating Resident-Physician Schedules (ROSTERS). <i>Sleep</i> , 2019 , 42, A400-A401 | 1.1 | 1 |
| 17 | Visual Impairment and Circadian Rhythm Sleep Disorders ? 2017 , | | 1 |
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