

Steven W Lockley

List of Publications by Year in Descending Order

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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.

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	Circadian lipid and hepatic protein rhythms shift with a phase response curve different than melatonin.. <i>Nature Communications</i> , 2022 , 13, 681	17.4	0
173	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
172	The CLASS Study (Circadian Light in Adolescence, Sleep and School): protocol for a prospective, longitudinal cohort to assess sleep, light, circadian timing and academic performance in adolescence.. <i>BMJ Open</i> , 2022 , 12, e055716	3	0
171	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
170	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	5.8	
169	The Effect of Blue-Enriched Lighting on Medical Error Rate in a University Hospital ICU. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2021 , 47, 165-175	1.4	1
168	Exploratory assessment of pineal gland volume, composition, and urinary 6-sulfatoxymelatonin levels on prostate cancer risk. <i>Prostate</i> , 2021 , 81, 487-496	4.2	0
167	Light-based methods for predicting circadian phase in delayed sleep-wake phase disorder. <i>Scientific Reports</i> , 2021 , 11, 10878	4.9	4
166	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
165	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	1
164	Endogenous circadian regulation and phase resetting of clinical metabolic biomarkers. <i>Journal of Pineal Research</i> , 2021 , 71, e12752	10.4	3
163	Factors Associated With Response to Pilot Home-Based Light Therapy for Fatigue Following Traumatic Brain Injury and Stroke. <i>Frontiers in Neurology</i> , 2021 , 12, 651392	4.1	0
162	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
161	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
160	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
159	Extended Work Shifts and Neurobehavioral Performance in Resident-Physicians. <i>Pediatrics</i> , 2021 , 147,	7.4	6
158	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

157	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
156	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
155	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
154	Manipulating sleep duration perception changes cognitive performance - An exploratory analysis. <i>Journal of Psychosomatic Research</i> , 2020 , 132, 109992	4.1	5
153	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
152	Journal of Pineal Research guideline for authors: Measuring melatonin in humans. <i>Journal of Pineal Research</i> , 2020 , 69, e12664	10.4	12
151	The role of sleep hygiene in the risk of Shift Work Disorder in nurses. <i>Sleep</i> , 2020 , 43,	1.1	10
150	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
149	The impact of structured sleep schedules prior to an in-laboratory study: Individual differences in sleep and circadian timing. <i>PLoS ONE</i> , 2020 , 15, e0236566	3.7	1
148	Menstrual phase-dependent differences in neurobehavioral performance: the role of temperature and the progesterone/estradiol ratio. <i>Sleep</i> , 2020 , 43,	1.1	3
147	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
146	Endogenous Circadian Regulation of Female Reproductive Hormones. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 6049-6059	5.6	24
145	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
144	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
143	Shift Work, Chronotype, and Melatonin Rhythm in Nurses. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019 , 28, 1177-1186	4	48
142	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
141	0146 Model-based Predictions Of Neurobehavioral Performance Of Resident Physicians In A Randomized Order Safety Trial Evaluating Resident-physician Schedules (rosters). <i>Sleep</i> , 2019 , 42, A60-A60	1.1	1
140	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

139	0971 Methods and Schedule-Related Differences in a Multi-center Trial of Rapidly Cycling versus Extended Duration Work Rosters. <i>Sleep</i> , 2019 , 42, A391-A391	1.1	
138	0969 Attentional Failures Are Correlated With Serious Medical Errors In Resident Physicians. <i>Sleep</i> , 2019 , 42, A390-A390	1.1	1
137	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
136	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
135	Sleepiness and driving events in shift workers: the impact of circadian and homeostatic factors. <i>Sleep</i> , 2019 , 42,	1.1	21
134	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
133	The Impact of Shift Work on Sleep, Alertness and Performance in Healthcare Workers. <i>Scientific Reports</i> , 2019 , 9, 4635	4.9	81
132	Chronotype Genetic Variant in PER2 is Associated with Intrinsic Circadian Period in Humans. <i>Scientific Reports</i> , 2019 , 9, 5350	4.9	12
131	Brief (. <i>Sleep</i> , 2019 , 42,	1.1	12
130	0970 Resident Physician Work Hours Decreased and Sleep Duration Increased Following Elimination of Scheduled Extended Duration Shifts. <i>Sleep</i> , 2019 , 42, A390-A391	1.1	
129	Generalizability of A Neural Network Model for Circadian Phase Prediction in Real-World Conditions. <i>Scientific Reports</i> , 2019 , 9, 11001	4.9	15
128	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
127	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
126	How to Report Light Exposure in Human Chronobiology and Sleep Research Experiments. <i>Clocks & Sleep</i> , 2019 , 1, 280-289	2.9	49
125	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
124	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
123	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
122	Light Me up? Why, When, and How Much Light We Need. <i>Journal of Biological Rhythms</i> , 2019 , 34, 573-575.2	3.2	8

121	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
120	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
119	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
118	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
117	A unified model of melatonin, 6-sulfatoxymelatonin, and sleep dynamics. <i>Journal of Pineal Research</i> , 2018 , 64, e12474	10.4	59
116	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
115	Functional decoupling of melatonin suppression and circadian phase resetting in humans. <i>Journal of Physiology</i> , 2018 , 596, 2147-2157	3.9	30
114	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
113	Sleep patterns predictive of daytime challenging behavior in individuals with low-functioning autism. <i>Autism Research</i> , 2018 , 11, 391-403	5.1	46
112	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
111	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
110	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
109	The wake maintenance zone shows task dependent changes in cognitive function following one night without sleep. <i>Sleep</i> , 2018 , 41,	1.1	14
108	Increased vulnerability to attentional failure during acute sleep deprivation in women depends on menstrual phase. <i>Sleep</i> , 2018 , 41,	1.1	21
107	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
106	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
105	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
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

103	Prevalence of Circadian Misalignment and Its Association With Depressive Symptoms in Delayed Sleep Phase Disorder. <i>Sleep</i> , 2017 , 40,	1.1	43
102	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
101	Modeling Neurocognitive Decline and Recovery During Repeated Cycles of Extended Sleep and Chronic Sleep Deficiency. <i>Sleep</i> , 2017 , 40,	1.1	34
100	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
99	Circadian Phase and Phase Angle Disorders in Primary Insomnia. <i>Sleep</i> , 2017 , 40,	1.1	45
98	Visual Impairment and Circadian Rhythm Sleep Disorders ? 2017 ,		1
97	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
96	Circadian phase resetting by a single short-duration light exposure. <i>JCI Insight</i> , 2017 , 2, e89494	9.9	27
95	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
94	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
93	Impact of Common Diabetes Risk Variant in MTNR1B on Sleep, Circadian, and Melatonin Physiology. <i>Diabetes</i> , 2016 , 65, 1741-51	0.9	55
92	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
91	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
90	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
89	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
88	Circadian gene variants influence sleep and the sleep electroencephalogram in humans. <i>Chronobiology International</i> , 2016 , 33, 561-73	3.6	19
87	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
86	Circadian clock genes and risk of fatal prostate cancer. <i>Cancer Causes and Control</i> , 2015 , 26, 25-33	2.8	26

85	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, 1754-1764	4.6	162
84	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
83	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
82	Non-24-Hour Sleep-Wake Rhythm Disorder in Sighted and Blind Patients. <i>Sleep Medicine Clinics</i> , 2015 , 10, 495-516	3.6	36
81	Synchronizing education to adolescent biology: Let teens sleep, start school later <i>Learning, Media and Technology</i> , 2015 , 40, 210-226	4.1	29
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	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
78	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
77	Urinary melatonin levels, sleep disruption, and risk of prostate cancer in elderly men. <i>European Urology</i> , 2015 , 67, 191-4	10.2	50
76	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
75	Measuring and using light in the melanopsin age. <i>Trends in Neurosciences</i> , 2014 , 37, 1-9	13.3	651
74	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
73	Neurobehavioral performance impairment in insomnia: relationships with self-reported sleep and daytime functioning. <i>Sleep</i> , 2014 , 37, 107-16	1.1	79
72	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
71	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
70	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
69	Diurnal spectral sensitivity of the acute alerting effects of light. <i>Sleep</i> , 2014 , 37, 271-81	1.1	122
68	Circadian dysrhythm and advanced prostate cancer.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 199-199	2.2	

67	Blue light stimulates cognitive brain activity in visually blind individuals. <i>Journal of Cognitive Neuroscience</i> , 2013 , 25, 2072-85	3.1	71
66	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
65	Shiftwork and prostate-specific antigen in the National Health and Nutrition Examination Survey. <i>Journal of the National Cancer Institute</i> , 2013 , 105, 1292-7	9.7	51
64	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
63	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
62	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
61	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
60	Improved neurobehavioral performance during the wake maintenance zone. <i>Journal of Clinical Sleep Medicine</i> , 2013 , 9, 353-62	3.1	37
59	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
58	Modelling non-visual effects of daylighting in a residential environment. <i>Building and Environment</i> , 2013 , 70, 138-149	6.5	36
57	Sleep disruption among older men and risk of prostate cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 872-9	4	56
56	Temporal dynamics of ocular indicators of sleepiness across sleep restriction. <i>Journal of Biological Rhythms</i> , 2013 , 28, 412-24	3.2	23
55	Human responses to bright light of different durations. <i>Journal of Physiology</i> , 2012 , 590, 3103-12	3.9	184
54	Human phase response curve to a 1 h pulse of bright white light. <i>Journal of Physiology</i> , 2012 , 590, 3035-45	3.9	164
53	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
52	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
51	Analysis method and experimental conditions affect computed circadian phase from melatonin data. <i>PLoS ONE</i> , 2012 , 7, e33836	3.7	23
50	Overview of the Circadian Timekeeping System and Diagnostic Tools for Circadian Rhythm Sleep Disorders 2012 , 363-377		1

49	Shift Work Disorder 2012 , 378-389		4
48	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
47	Other Circadian Rhythm Disorders 2012 , 411-424		1
46	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
45	Chronobiology of epilepsy: diagnostic and therapeutic implications of chrono-epileptology. <i>Journal of Clinical Neurophysiology</i> , 2011 , 28, 146-53	2.2	47
44	Sleep disorders, health, and safety in police officers. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 2567-78	27.4	224
43	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
42	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
41	Timing of sleep and its relationship with the endogenous melatonin rhythm. <i>Frontiers in Neurology</i> , 2010 , 1, 137	4.1	58
40	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
39	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
38	Acute effects of bright light exposure on cortisol levels. <i>Journal of Biological Rhythms</i> , 2010 , 25, 208-16	3.2	97
37	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
36	Cappuccio response to correspondence. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2009 , 102, 363-4	2.7	1
35	Effect of Light Perception on Menarche in Blind Women. <i>Ophthalmic Epidemiology</i> , 2009 , 16, 243-248	1.9	9
34	Total visual blindness is protective against breast cancer. <i>Cancer Causes and Control</i> , 2009 , 20, 1753-6	2.8	57
33	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
32	Non-24-Hour Sleep-Wake Syndrome in Sighted and Blind Patients. <i>Sleep Medicine Clinics</i> , 2009 , 4, 195-211	3.6	20

31	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
30	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
29	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
28	Diagnostic Tools for Circadian Rhythm Sleep Disorders 2008 , 147-173		1
27	Plasma melatonin rhythms in young and older humans during sleep, sleep deprivation, and wake. <i>Sleep</i> , 2007 , 30, 1437-43	1.1	76
26	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
25	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
24	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
23	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
22	Visual impairment and circadian rhythm disorders. <i>Dialogues in Clinical Neuroscience</i> , 2007 , 9, 301-14	5.7	108
21	Circadian photoreception: spotlight on the brain. <i>Current Biology</i> , 2006 , 16, R795-7	6.3	40
20	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
19	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
18	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
17	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
16	Timed melatonin treatment for delayed sleep phase syndrome: the importance of knowing circadian phase. <i>Sleep</i> , 2005 , 28, 1214-6	1.1	30
15	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
14	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

13	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
12	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
11	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
10	Integration of human sleep-wake regulation and circadian rhythmicity. <i>Journal of Applied Physiology</i> , 2002 , 92, 852-62	3.7	277
9	Effects of light on human circadian rhythms. <i>Reproduction, Nutrition, Development</i> , 1999 , 39, 295-304		59
8	Comparison between subjective and actigraphic measurement of sleep and sleep rhythms. <i>Journal of Sleep Research</i> , 1999 , 8, 175-83	5.8	453
7	Sleep and activity rhythms are related to circadian phase in the blind. <i>Sleep</i> , 1999 , 22, 616-23	1.1	80
6	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
5	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
4	Efficacy of melatonin treatment in jet lag, shift work, and blindness. <i>Journal of Biological Rhythms</i> , 1997 , 12, 604-17	3.2	179
3	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
2	Relationship between napping and melatonin in the blind. <i>Journal of Biological Rhythms</i> , 1997 , 12, 16-25	3.2	104
1	Day-time naps and melatonin in blind people. <i>Lancet, The</i> , 1995 , 346, 1491	4.0	19