

# Charles Andrew Czeisler

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5940687/charles-andrew-czeisler-publications-by-citations.pdf>

**Version:** 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

301  
papers

31,920  
citations

89  
h-index

176  
g-index

334  
ext. papers

37,134  
ext. citations

8.6  
avg, IF

7.18  
L-index

#	Paper	IF	Citations
301	Circadian variation in the frequency of onset of acute myocardial infarction. <i>New England Journal of Medicine</i> , <b>1985</b> , 313, 1315-22	59.2	1594
300	Effect of reducing interns' work hours on serious medical errors in intensive care units. <i>New England Journal of Medicine</i> , <b>2004</b> , 351, 1838-48	59.2	1312
299	The Critical Care Safety Study: The incidence and nature of adverse events and serious medical errors in intensive care. <i>Critical Care Medicine</i> , <b>2005</b> , 33, 1694-700	1.4	1246
298	Mental Health, Substance Use, and Suicidal Ideation During the COVID-19 Pandemic - United States, June 24-30, 2020. <i>Morbidity and Mortality Weekly Report</i> , <b>2020</b> , 69, 1049-1057	31.7	1014
297	Concurrent morning increase in platelet aggregability and the risk of myocardial infarction and sudden cardiac death. <i>New England Journal of Medicine</i> , <b>1987</b> , 316, 1514-8	59.2	944
296	Sensitivity of the human circadian pacemaker to nocturnal light: melatonin phase resetting and suppression. <i>Journal of Physiology</i> , <b>2000</b> , 526 Pt 3, 695-702	3.9	780
295	Effect of reducing interns' weekly work hours on sleep and attentional failures. <i>New England Journal of Medicine</i> , <b>2004</b> , 351, 1829-37	59.2	718
294	A phase response curve to single bright light pulses in human subjects. <i>Journal of Physiology</i> , <b>2003</b> , 549, 945-52	3.9	671
293	Extended work shifts and the risk of motor vehicle crashes among interns. <i>New England Journal of Medicine</i> , <b>2005</b> , 352, 125-34	59.2	653
292	Measuring and using light in the melanopsin age. <i>Trends in Neurosciences</i> , <b>2014</b> , 37, 1-9	13.3	651
291	Evening use of light-emitting eReaders negatively affects sleep, circadian timing, and next-morning alertness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 1232-7	11.5	597
290	High sensitivity of the human circadian melatonin rhythm to resetting by short wavelength light. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 4502-5	5.6	550
289	Paradoxical timing of the circadian rhythm of sleep propensity serves to consolidate sleep and wakefulness in humans. <i>Neuroscience Letters</i> , <b>1994</b> , 166, 63-8	3.3	513
288	Adverse metabolic consequences in humans of prolonged sleep restriction combined with circadian disruption. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 129ra43	17.5	500
287	Suppression of melatonin secretion in some blind patients by exposure to bright light. <i>New England Journal of Medicine</i> , <b>1995</b> , 332, 6-11	59.2	490
286	Dose-response relationships for resetting of human circadian clock by light. <i>Nature</i> , <b>1996</b> , 379, 540-2	50.4	458
285	Circadian and sleep/wake dependent aspects of subjective alertness and cognitive performance. <i>Journal of Sleep Research</i> , <b>1992</b> , 1, 112-7	5.8	457

284	Exposure to bright light and darkness to treat physiologic maladaptation to night work. <i>New England Journal of Medicine</i> , <b>1990</b> , 322, 1253-9	59.2	455
283	Dose-response relationship for light intensity and ocular and electroencephalographic correlates of human alertness. <i>Behavioural Brain Research</i> , <b>2000</b> , 115, 75-83	3.4	433
282	Delay or Avoidance of Medical Care Because of COVID-19-Related Concerns - United States, June 2020. <i>Morbidity and Mortality Weekly Report</i> , <b>2020</b> , 69, 1250-1257	31.7	400
281	Short-wavelength sensitivity for the direct effects of light on alertness, vigilance, and the waking electroencephalogram in humans. <i>Sleep</i> , <b>2006</b> , 29, 161-8	1.1	359
280	Sex difference in the near-24-hour intrinsic period of the human circadian timing system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108 Suppl 3, 15602-8	11.5	343
279	Ageing and the circadian and homeostatic regulation of human sleep during forced desynchrony of rest, melatonin and temperature rhythms. <i>Journal of Physiology</i> , <b>1999</b> , 516 ( Pt 2), 611-27	3.9	333
278	Time course of sleep inertia dissipation in human performance and alertness. <i>Journal of Sleep Research</i> , <b>1999</b> , 8, 1-8	5.8	320
277	Modafinil for excessive sleepiness associated with shift-work sleep disorder. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 476-86	59.2	306
276	Chronotherapy: resetting the circadian clocks of patients with delayed sleep phase insomnia. <i>Sleep</i> , <b>1981</b> , 4, 1-21	1.1	290
275	Impact of extended-duration shifts on medical errors, adverse events, and attentional failures. <i>PLoS Medicine</i> , <b>2006</b> , 3, e487	11.6	289
274	Exposure to room light before bedtime suppresses melatonin onset and shortens melatonin duration in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E463-72	5.6	288
273	Extended work duration and the risk of self-reported percutaneous injuries in interns. <i>JAMA - Journal of the American Medical Association</i> , <b>2006</b> , 296, 1055-62	27.4	268
272	Relationship between alertness, performance, and body temperature in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2002</b> , 283, R1370-7	3.2	268
271	Spectral responses of the human circadian system depend on the irradiance and duration of exposure to light. <i>Science Translational Medicine</i> , <b>2010</b> , 2, 31ra33	17.5	258
270	Contribution of circadian physiology and sleep homeostasis to age-related changes in human sleep. <i>Chronobiology International</i> , <b>2000</b> , 17, 285-311	3.6	254
269	Circadian timekeeping in health and disease. Part 1. Basic properties of circadian pacemakers. <i>New England Journal of Medicine</i> , <b>1983</b> , 309, 469-76	59.2	251
268	The sleep and technology use of Americans: findings from the National Sleep Foundation's 2011 Sleep in America poll. <i>Journal of Clinical Sleep Medicine</i> , <b>2013</b> , 9, 1291-9	3.1	239
267	Short-wavelength light sensitivity of circadian, pupillary, and visual awareness in humans lacking an outer retina. <i>Current Biology</i> , <b>2007</b> , 17, 2122-8	6.3	238

266	Effect of Light on Human Circadian Physiology. <i>Sleep Medicine Clinics</i> , <b>2009</b> , 4, 165-177	3.6	235
265	Sleep disorders, health, and safety in police officers. <i>JAMA - Journal of the American Medical Association</i> , <b>2011</b> , 306, 2567-78	27.4	224
264	Light-induced suppression of endogenous circadian amplitude in humans. <i>Nature</i> , <b>1991</b> , 350, 59-62	50.4	223
263	Influence of sleep deprivation and circadian misalignment on cortisol, inflammatory markers, and cytokine balance. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 47, 24-34	16.6	217
262	Circadian temperature and melatonin rhythms, sleep, and neurobehavioral function in humans living on a 20-h day. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1999</b> , 277, R1152-63	3.2	208
261	Adaptation of human pineal melatonin suppression by recent photic history. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 3610-4	5.6	190
260	Effects of health care provider work hours and sleep deprivation on safety and performance. <i>Joint Commission Journal on Quality and Patient Safety</i> , <b>2007</b> , 33, 7-18	1.4	189
259	Light exposure induces equivalent phase shifts of the endogenous circadian rhythms of circulating plasma melatonin and core body temperature in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1991</b> , 73, 227-35	5.6	185
258	Human responses to bright light of different durations. <i>Journal of Physiology</i> , <b>2012</b> , 590, 3103-12	3.9	184
257	The statistical analysis of circadian phase and amplitude in constant-routine core-temperature data. <i>Journal of Biological Rhythms</i> , <b>1992</b> , 7, 177-202	3.2	178
256	Sex differences in phase angle of entrainment and melatonin amplitude in humans. <i>Journal of Biological Rhythms</i> , <b>2010</b> , 25, 288-96	3.2	173
255	Variation of electroencephalographic activity during non-rapid eye movement and rapid eye movement sleep with phase of circadian melatonin rhythm in humans. <i>Journal of Physiology</i> , <b>1997</b> , 505 ( Pt 3), 851-8	3.9	173
254	Irregular sleep/wake patterns are associated with poorer academic performance and delayed circadian and sleep/wake timing. <i>Scientific Reports</i> , <b>2017</b> , 7, 3216	4.9	172
253	Uncovering residual effects of chronic sleep loss on human performance. <i>Science Translational Medicine</i> , <b>2010</b> , 2, 14ra3	17.5	165
252	Human phase response curve to a 1 h pulse of bright white light. <i>Journal of Physiology</i> , <b>2012</b> , 590, 3035-45	3.9	164
251	Intrinsic period and light intensity determine the phase relationship between melatonin and sleep in humans. <i>Journal of Biological Rhythms</i> , <b>2005</b> , 20, 168-77	3.2	157
250	The human circadian system adapts to prior photic history. <i>Journal of Physiology</i> , <b>2011</b> , 589, 1095-102	3.9	156
249	Age-related change in the relationship between circadian period, circadian phase, and diurnal preference in humans. <i>Neuroscience Letters</i> , <b>2002</b> , 318, 117-20	3.3	156

248	EEG and ocular correlates of circadian melatonin phase and human performance decrements during sleep loss. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1999</b> , 277, R640-9	3.2	155
247	Later circadian timing of food intake is associated with increased body fat. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 106, 1213-1219	7	153
246	Risks of complications by attending physicians after performing nighttime procedures. <i>JAMA - Journal of the American Medical Association</i> , <b>2009</b> , 302, 1565-72	27.4	152
245	Peak of circadian melatonin rhythm occurs later within the sleep of older subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2002</b> , 282, E297-303	6	151
244	Entrainment of the human circadian pacemaker to longer-than-24-h days. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 9081-6	11.5	149
243	Prevalence of sleep deficiency and use of hypnotic drugs in astronauts before, during, and after spaceflight: an observational study. <i>Lancet Neurology, The</i> , <b>2014</b> , 13, 904-12	24.1	147
242	Low-dose repeated caffeine administration for circadian-phase-dependent performance degradation during extended wakefulness. <i>Sleep</i> , <b>2004</b> , 27, 374-81	1.1	147
241	Sleep, performance, circadian rhythms, and light-dark cycles during two space shuttle flights. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2001</b> , 281, R1647-64 <sup>3.2</sup>	3.2	146
240	Circadian timekeeping in health and disease. Part 2. Clinical implications of circadian rhythmicity. <i>New England Journal of Medicine</i> , <b>1983</b> , 309, 530-6	59.2	140
239	Sleep and wakefulness out of phase with internal biological time impairs learning in humans. <i>Journal of Cognitive Neuroscience</i> , <b>2006</b> , 18, 508-21	3.1	139
238	Public Attitudes, Behaviors, and Beliefs Related to COVID-19, Stay-at-Home Orders, Nonessential Business Closures, and Public Health Guidance - United States, New York City, and Los Angeles, May 5-12, 2020. <i>Morbidity and Mortality Weekly Report</i> , <b>2020</b> , 69, 751-758	31.7	138
237	Sleep-facilitating effect of exogenous melatonin in healthy young men and women is circadian-phase dependent. <i>Sleep</i> , <b>2006</b> , 29, 609-18	1.1	137
236	Efficacy of a single sequence of intermittent bright light pulses for delaying circadian phase in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 287, E174-81	6	136
235	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> , <b>2012</b> , 32, 14242-53	6.6	135
234	Daily exercise facilitates phase delays of circadian melatonin rhythm in very dim light. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2004</b> , 286, R1077-84	3.2	135
233	Age-related increase in awakenings: impaired consolidation of nonREM sleep at all circadian phases. <i>Sleep</i> , <b>2001</b> , 24, 565-77	1.1	131
232	Perspective: casting light on sleep deficiency. <i>Nature</i> , <b>2013</b> , 497, S13	50.4	130
231	Diurnal spectral sensitivity of the acute alerting effects of light. <i>Sleep</i> , <b>2014</b> , 37, 271-81	1.1	122

230	Circadian sleep regulation in the absence of light perception: chronic non-24-hour circadian rhythm sleep disorder in a blind man with a regular 24-hour sleep-wake schedule. <i>Sleep</i> , <b>1993</b> , 16, 333-43	1.1	117
229	High risk of near-crash driving events following night-shift work. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 176-81	11.5	116
228	Resetting of circadian melatonin and cortisol rhythms in humans by ordinary room light. <i>NeuroReport</i> , <b>1998</b> , 9, 779-82	1.7	114
227	An endogenous circadian rhythm of respiratory control in humans. <i>Journal of Physiology</i> , <b>2000</b> , 526 Pt 3, 683-94	3.9	110
226	Later endogenous circadian temperature nadir relative to an earlier wake time in older people. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1998</b> , 275, R1478-87 <sup>3.2</sup>		110
225	Armodafinil for treatment of excessive sleepiness associated with shift work disorder: a randomized controlled study. <i>Mayo Clinic Proceedings</i> , <b>2009</b> , 84, 958-72	6.4	107
224	Recognizing Academic Performance, Sleep Quality, Stress Level, and Mental Health using Personality Traits, Wearable Sensors and Mobile Phones <b>2015</b> , 2015,		106
223	The parathyroid hormone circadian rhythm is truly endogenous--a general clinical research center study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 281-6	5.6	106
222	Acute sleep deprivation and circadian misalignment associated with transition onto the first night of work impairs visual selective attention. <i>PLoS ONE</i> , <b>2007</b> , 2, e1233	3.7	105
221	Phase-amplitude resetting of the human circadian pacemaker via bright light: a further analysis. <i>Journal of Biological Rhythms</i> , <b>1994</b> , 9, 295-314	3.2	103
220	Sleep inertia, sleep homeostatic and circadian influences on higher-order cognitive functions. <i>Journal of Sleep Research</i> , <b>2015</b> , 24, 364-371	5.8	99
219	ENTRAINMENT OF HUMAN ORCADIAN RHYTHMS BY LIGHT-DARK CYCLES: A REASSESSMENT. <i>Photochemistry and Photobiology</i> , <b>1981</b> , 34, 239-247	3.6	99
218	Acute effects of bright light exposure on cortisol levels. <i>Journal of Biological Rhythms</i> , <b>2010</b> , 25, 208-16	3.2	97
217	InternsPcompliance with accreditation council for graduate medical education work-hour limits. <i>JAMA - Journal of the American Medical Association</i> , <b>2006</b> , 296, 1063-70	27.4	97
216	Attenuated amplitude of circadian and sleep-dependent modulation of electroencephalographic sleep spindle characteristics in elderly human subjects. <i>Neuroscience Letters</i> , <b>1999</b> , 260, 29-32	3.3	96
215	Human phase response curve to a single 6.5 h pulse of short-wavelength light. <i>Journal of Physiology</i> , <b>2013</b> , 591, 353-63	3.9	95
214	Access to Electric Light Is Associated with Shorter Sleep Duration in a Traditionally Hunter-Gatherer Community. <i>Journal of Biological Rhythms</i> , <b>2015</b> , 30, 342-50	3.2	94
213	Amplitude reduction and phase shifts of melatonin, cortisol and other circadian rhythms after a gradual advance of sleep and light exposure in humans. <i>PLoS ONE</i> , <b>2012</b> , 7, e30037	3.7	88

212	Decreased sensitivity to phase-delaying effects of moderate intensity light in older subjects. <i>Neurobiology of Aging</i> , <b>2007</b> , 28, 799-807	5.6	88
211	Plasticity of the intrinsic period of the human circadian timing system. <i>PLoS ONE</i> , <b>2007</b> , 2, e721	3.7	87
210	Biologic Rhythm Disorders, Depression, and Phototherapy. <i>Psychiatric Clinics of North America</i> , <b>1987</b> , 10, 687-709	3.1	87
209	Long-term ambulatory temperature monitoring in a subject with a hypnnycthemeral sleep-wake cycle disturbance. <i>Sleep</i> , <b>1978</b> , 1, 177-90	1.1	85
208	Dynamic resetting of the human circadian pacemaker by intermittent bright light. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2000</b> , 279, R1574-9	3.2	82
207	Efficacy of bright light and sleep/darkness scheduling in alleviating circadian maladaptation to night work. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2001</b> , 281, E384-91	6	82
206	Research on sleep, circadian rhythms and aging: applications to manned spaceflight. <i>Experimental Gerontology</i> , <b>1991</b> , 26, 217-32	4.5	82
205	Circadian regulation dominates homeostatic control of sleep length and prior wake length in humans. <i>Sleep</i> , <b>1986</b> , 9, 353-64	1.1	79
204	Duration, timing and quality of sleep are each vital for health, performance and safety. <i>Sleep Health</i> , <b>2015</b> , 1, 5-8	4	78
203	Sleep duration in midlife and later life in relation to cognition. <i>Journal of the American Geriatrics Society</i> , <b>2014</b> , 62, 1073-81	5.6	78
202	Survival analysis indicates that age-related decline in sleep continuity occurs exclusively during NREM sleep. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 309-18	5.6	76
201	Armodafinil for Treatment of Excessive Sleepiness Associated With Shift Work Disorder: A Randomized Controlled Study. <i>Mayo Clinic Proceedings</i> , <b>2009</b> , 84, 958-972	6.4	76
200	Plasma melatonin rhythms in young and older humans during sleep, sleep deprivation, and wake. <i>Sleep</i> , <b>2007</b> , 30, 1437-43	1.1	76
199	Common sleep disorders increase risk of motor vehicle crashes and adverse health outcomes in firefighters. <i>Journal of Clinical Sleep Medicine</i> , <b>2015</b> , 11, 233-40	3.1	74
198	The challenges and opportunities of technological approaches to fatigue management. <i>Accident Analysis and Prevention</i> , <b>2011</b> , 43, 565-72	6.1	74
197	Blue light stimulates cognitive brain activity in visually blind individuals. <i>Journal of Cognitive Neuroscience</i> , <b>2013</b> , 25, 2072-85	3.1	71
196	Sensitivity of the human circadian pacemaker to moderately bright light. <i>Journal of Biological Rhythms</i> , <b>1994</b> , 9, 315-31	3.2	71
195	Human Resting Energy Expenditure Varies with Circadian Phase. <i>Current Biology</i> , <b>2018</b> , 28, 3685-3690.e36.3		70

194	Direct effects of light on alertness, vigilance, and the waking electroencephalogram in humans depend on prior light history. <i>Sleep</i> , <b>2013</b> , 36, 1239-46	1.1	69
193	Absence of detectable melatonin and preservation of cortisol and thyrotropin rhythms in tetraplegia. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 2189-96	5.6	68
192	Nonphotic entrainment of the human circadian pacemaker. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1998</b> , 274, R991-6	3.2	68
191	Addition of a non-photic component to a light-based mathematical model of the human circadian pacemaker. <i>Journal of Theoretical Biology</i> , <b>2007</b> , 247, 583-99	2.3	65
190	Circadian misalignment affects sleep and medication use before and during spaceflight. <i>Npj Microgravity</i> , <b>2016</b> , 2, 15019	5.3	65
189	The impact of sleep timing and bright light exposure on attentional impairment during night work. <i>Journal of Biological Rhythms</i> , <b>2008</b> , 23, 341-52	3.2	63
188	Meal patterns in "free-running" humans. <i>Physiology and Behavior</i> , <b>1981</b> , 27, 621-3	3.5	63
187	Comparison of sustained attention assessed by auditory and visual psychomotor vigilance tasks prior to and during sleep deprivation. <i>Journal of Sleep Research</i> , <b>2011</b> , 20, 348-55	5.8	62
186	Deterioration of neurobehavioral performance in resident physicians during repeated exposure to extended duration work shifts. <i>Sleep</i> , <b>2012</b> , 35, 1137-46	1.1	62
185	Follow-up Survey of US Adult Reports of Mental Health, Substance Use, and Suicidal Ideation During the COVID-19 Pandemic, September 2020. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2037665	10.4	62
184	Resetting the melatonin rhythm with light in humans. <i>Journal of Biological Rhythms</i> , <b>1997</b> , 12, 556-67	3.2	59
183	Human circadian pacemaker is sensitive to light throughout subjective day without evidence of transients. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1997</b> , 273, R1800-9	3.2	59
182	When policy meets physiology: the challenge of reducing resident work hours. <i>Clinical Orthopaedics and Related Research</i> , <b>2006</b> , 449, 116-27	2.2	58
181	Sleep disorders, depression and anxiety are associated with adverse safety outcomes in healthcare workers: A prospective cohort study. <i>Journal of Sleep Research</i> , <b>2018</b> , 27, e12722	5.8	56
180	Sleep deprivation, elective surgical procedures, and informed consent. <i>New England Journal of Medicine</i> , <b>2010</b> , 363, 2577-9	59.2	56
179	Impact of Common Diabetes Risk Variant in MTNR1B on Sleep, Circadian, and Melatonin Physiology. <i>Diabetes</i> , <b>2016</b> , 65, 1741-51	0.9	55
178	Temporal dynamics of late-night photic stimulation of the human circadian timing system. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 289, R839-44	3.2	55
177	Impact of sleepiness and sleep deficiency on public health--utility of biomarkers. <i>Journal of Clinical Sleep Medicine</i> , <b>2011</b> , 7, S6-8	3.1	54



176	The influence of subjective alertness and motivation on human performance independent of circadian and homeostatic regulation. <i>Journal of Biological Rhythms</i> , <b>2003</b> , 18, 329-38	3.2	54
175	Nonadherence with Employer-Mandated Sleep Apnea Treatment and Increased Risk of Serious Truck Crashes. <i>Sleep</i> , <b>2016</b> , 39, 967-75	1.1	53
174	Sleep deficiency and motor vehicle crash risk in the general population: a prospective cohort study. <i>BMC Medicine</i> , <b>2018</b> , 16, 44	11.4	52
173	Scheduling of sleep/darkness affects the circadian phase of night shift workers. <i>Neuroscience Letters</i> , <b>2005</b> , 384, 316-20	3.3	51
172	Recovery from medical errors: the critical care nursing safety net. <i>Joint Commission Journal on Quality and Patient Safety</i> , <b>2006</b> , 32, 63-72	1.4	51
171	Urinary melatonin levels, sleep disruption, and risk of prostate cancer in elderly men. <i>European Urology</i> , <b>2015</b> , 67, 191-4	10.2	50
170	Medical and genetic differences in the adverse impact of sleep loss on performance: ethical considerations for the medical profession. <i>Transactions of the American Clinical and Climatological Association</i> , <b>2009</b> , 120, 249-85	0.9	50
169	Photopic transduction implicated in human circadian entrainment. <i>Neuroscience Letters</i> , <b>1997</b> , 232, 135-8,3	3.3	49
168	Unrestricted evening use of light-emitting tablet computers delays self-selected bedtime and disrupts circadian timing and alertness. <i>Physiological Reports</i> , <b>2018</b> , 6, e13692	2.6	49
167	Endogenous circadian regulation of pro-inflammatory cytokines and chemokines in the presence of bacterial lipopolysaccharide in humans. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 47, 4-13	16.6	48
166	Physiological effects of light on the human circadian pacemaker. <i>Seminars in Perinatology</i> , <b>2000</b> , 24, 299-330	3.3	48
165	Melatonin rhythm observed throughout a three-cycle bright-light stimulus designed to reset the human circadian pacemaker. <i>Journal of Biological Rhythms</i> , <b>1999</b> , 14, 237-53	3.2	47
164	Diurnal variation in CSF orexin-A in healthy male subjects. <i>Sleep</i> , <b>2006</b> , 29, 295-7	1.1	46
163	Nonentrained circadian rhythms of melatonin in submariners scheduled to an 18-hour day. <i>Journal of Biological Rhythms</i> , <b>1999</b> , 14, 190-6	3.2	46
162	Use of bright light to treat maladaptation to night shift work and circadian rhythm sleep disorders. <i>Journal of Sleep Research</i> , <b>1995</b> , 4, 70-73	5.8	44
161	Assessment of drowsiness based on ocular parameters detected by infrared reflectance oculography. <i>Journal of Clinical Sleep Medicine</i> , <b>2013</b> , 9, 907-20, 920A-920B	3.1	43
160	Linear demasking techniques are unreliable for estimating the circadian phase of ambulatory temperature data. <i>Journal of Biological Rhythms</i> , <b>1999</b> , 14, 260-74	3.2	42
159	Effect of modafinil on impairments in neurobehavioral performance and learning associated with extended wakefulness and circadian misalignment. <i>Neuropsychopharmacology</i> , <b>2010</b> , 35, 1910-20	8.7	41

158	Effective implementation of work-hour limits and systemic improvements. <i>Joint Commission Journal on Quality and Patient Safety</i> , <b>2007</b> , 33, 19-29	1.4	41
157	Sleep- and circadian-dependent modulation of REM density. <i>Journal of Sleep Research</i> , <b>2002</b> , 11, 53-9	5.8	41
156	Implementing the 2009 Institute of Medicine recommendations on resident physician work hours, supervision, and safety. <i>Nature and Science of Sleep</i> , <b>2011</b> , 3, 47-85	3.6	40
155	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> , <b>2010</b> , 85, 1583-8	3.9	40
154	US public opinion regarding proposed limits on resident physician work hours. <i>BMC Medicine</i> , <b>2010</b> , 8, 33	11.4	39
153	Randomized, Prospective Study of the Impact of a Sleep Health Program on Firefighter Injury and Disability. <i>Sleep</i> , <b>2017</b> , 40,	1.1	37
152	Improved neurobehavioral performance during the wake maintenance zone. <i>Journal of Clinical Sleep Medicine</i> , <b>2013</b> , 9, 353-62	3.1	37
151	Revisiting spontaneous internal desynchrony using a quantitative model of sleep physiology. <i>Journal of Biological Rhythms</i> , <b>2011</b> , 26, 441-53	3.2	36
150	A statistical model of the human core-temperature circadian rhythm. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E669-83	6	36
149	The timing of the human circadian clock is accurately represented by the core body temperature rhythm following phase shifts to a three-cycle light stimulus near the critical zone. <i>Journal of Biological Rhythms</i> , <b>2000</b> , 15, 524-30	3.2	36
148	Bone Turnover Markers After Sleep Restriction and Circadian Disruption: A Mechanism for Sleep-Related Bone Loss in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 3722-3730	5.6	35
147	Short Sleep Duration, Obstructive Sleep Apnea, Shiftwork, and the Risk of Adverse Cardiovascular Events in Patients After an Acute Coronary Syndrome. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	34
146	Sleep-deprived motor vehicle operators are unfit to drive: a multidisciplinary expert consensus statement on drowsy driving. <i>Sleep Health</i> , <b>2016</b> , 2, 94-99	4	34
145	Chronic sleep curtailment, even without extended (>16-h) wakefulness, degrades human vigilance performance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 6070-6075	11.5	34
144	The Human Circadian Timing System and Sleep-Wake Regulation <b>2005</b> , 375-394		33
143	The effect of light on the human circadian pacemaker. <i>Novartis Foundation Symposium</i> , <b>1995</b> , 183, 254-90; discussion 290-302		33
142	Circadian Rhythms in Plasma Brain-derived Neurotrophic Factor Differ in Men and Women. <i>Journal of Biological Rhythms</i> , <b>2017</b> , 32, 75-82	3.2	31
141	Young adults are more vulnerable to chronic sleep deficiency and recurrent circadian disruption than older adults. <i>Scientific Reports</i> , <b>2018</b> , 8, 11052	4.9	31

140	Functional decoupling of melatonin suppression and circadian phase resetting in humans. <i>Journal of Physiology</i> , <b>2018</b> , 596, 2147-2157	3.9	30
139	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> , <b>2019</b> , 28, e12869	5.8	29
138	Prediction of Vigilant Attention and Cognitive Performance Using Self-Reported Alertness, Circadian Phase, Hours since Awakening, and Accumulated Sleep Loss. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151770	3.7	29
137	Commentary: evidence for melatonin as a circadian phase-shifting agent. <i>Journal of Biological Rhythms</i> , <b>1997</b> , 12, 618-23	3.2	28
136	Circadian phase resetting by a single short-duration light exposure. <i>JCI Insight</i> , <b>2017</b> , 2, e89494	9.9	27
135	Prediction of drowsiness events in night shift workers during morning driving. <i>Accident Analysis and Prevention</i> , <b>2019</b> , 126, 105-114	6.1	26
134	Effect on Patient Safety of a Resident Physician Schedule without 24-Hour Shifts. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 2514-2523	59.2	25
133	Sleep Duration and Disruption and Prostate Cancer Risk: a 23-Year Prospective Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2016</b> , 25, 302-8	4	25
132	Commentary: the human circadian response to light--strong and weak resetting. <i>Journal of Biological Rhythms</i> , <b>1993</b> , 8, 351-60; discussion 361	3.2	25
131	Endogenous Circadian Regulation of Female Reproductive Hormones. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 6049-6059	5.6	24
130	Suppression of Melatonin Secretion in Totally Visually Blind People by Ocular Exposure to White Light: Clinical Characteristics. <i>Ophthalmology</i> , <b>2018</b> , 125, 1160-1171	7.3	24
129	Data and methods for studying commercial motor vehicle driver fatigue, highway safety and long-term driver health. <i>Accident Analysis and Prevention</i> , <b>2019</b> , 126, 37-42	6.1	23
128	The Gordon Wilson Lecture: work hours, sleep and patient safety in residency training. <i>Transactions of the American Clinical and Climatological Association</i> , <b>2006</b> , 117, 159-88	0.9	22
127	Entrained phase of the circadian pacemaker serves to stabilize alertness and performance throughout the habitual waking day. <b>1994</b> , 89-110		22
126	Recommendations for daytime, evening, and nighttime indoor light exposure to best support physiology, sleep, and wakefulness in healthy adults.. <i>PLoS Biology</i> , <b>2022</b> , 20, e3001571	9.7	22
125	Caloric and Macronutrient Intake Differ with Circadian Phase and between Lean and Overweight Young Adults. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	21
124	Self-reported Drowsiness and Safety Outcomes While Driving After an Extended Duration Work Shift in Trainee Physicians. <i>Sleep</i> , <b>2018</b> , 41,	1.1	21
123	Body temperature is elevated during the rebound of slow-wave sleep following 40-h of sleep deprivation on a constant routine. <i>Journal of Sleep Research</i> , <b>1993</b> , 2, 117-120	5.8	21

122	Understanding the Use of Light to Control the Circadian Pacemaker in Humans <b>1993</b> , 217-236		21
121	Increased vulnerability to attentional failure during acute sleep deprivation in women depends on menstrual phase. <i>Sleep</i> , <b>2018</b> , 41,	1.1	21
120	Pineal Gland Volume Assessed by MRI and Its Correlation with 6-Sulfatoxymelatonin Levels among Older Men. <i>Journal of Biological Rhythms</i> , <b>2016</b> , 31, 461-9	3.2	20
119	Human Circadian Physiology and Sleep-Wake Regulation. <i>Handbook of Behavioral Neurobiology</i> , <b>2001</b> , 531-569		20
118	Demographic Characteristics, Experiences, and Beliefs Associated with Hand Hygiene Among Adults During the COVID-19 Pandemic - United States, June 24-30, 2020. <i>Morbidity and Mortality Weekly Report</i> , <b>2020</b> , 69, 1485-1491	31.7	20
117	Irregular sleep and event schedules are associated with poorer self-reported well-being in US college students. <i>Sleep</i> , <b>2020</b> , 43,	1.1	20
116	Associations between shift work characteristics, shift work schedules, sleep and burnout in North American police officers: a cross-sectional study. <i>BMJ Open</i> , <b>2019</b> , 9, e030302	3	20
115	Mental health, substance use, and suicidal ideation during a prolonged COVID-19-related lockdown in a region with low SARS-CoV-2 prevalence. <i>Journal of Psychiatric Research</i> , <b>2021</b> , 140, 533-544	5.2	20
114	The Human Circadian Timing System and Sleep/Wake Regulation <b>2011</b> , 402-419		19
113	Circadian gene variants influence sleep and the sleep electroencephalogram in humans. <i>Chronobiology International</i> , <b>2016</b> , 33, 561-73	3.6	19
112	Sleep deficit: the performance killer. A conversation with Harvard Medical School Professor Charles A. Czeisler. <i>Harvard Business Review</i> , <b>2006</b> , 84, 53-9, 148		18
111	Chronic sleep restriction greatly magnifies performance decrements immediately after awakening. <i>Sleep</i> , <b>2019</b> , 42,	1.1	17
110	The Association Between Resident Physician Work-Hour Regulations and Physician Safety and Health. <i>American Journal of Medicine</i> , <b>2020</b> , 133, e343-e354	2.4	17
109	Estimated Sleep Duration Before and During the COVID-19 Pandemic in Major Metropolitan Areas on Different Continents: Observational Study of Smartphone App Data. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e20546	7.6	16
108	Impaired cognitive flexibility during sleep deprivation among carriers of the Brain Derived Neurotrophic Factor (BDNF) Val66Met allele. <i>Behavioural Brain Research</i> , <b>2018</b> , 338, 51-55	3.4	15
107	The Case for Addressing Operator Fatigue. <i>Reviews of Human Factors and Ergonomics</i> , <b>2015</b> , 10, 29-78		15
106	EEG sleep spectra in older adults across all circadian phases during NREM sleep. <i>Sleep</i> , <b>2010</b> , 33, 389-401	1.1	15
105	Effects on resident work hours, sleep duration, and work experience in a randomized order safety trial evaluating resident-physician schedules (ROSTERS). <i>Sleep</i> , <b>2019</b> , 42,	1.1	14

104	Teen Crashes Declined After Massachusetts Raised Penalties For Graduated Licensing Law Restricting Night Driving. <i>Health Affairs</i> , <b>2015</b> , 34, 963-70	7	14
103	Reply to technical note: nonlinear interactions between circadian and homeostatic processes: models or metrics?. <i>Journal of Biological Rhythms</i> , <b>1999</b> , 14, 604-5	3.2	14
102	Sleep myths: an expert-led study to identify false beliefs about sleep that impinge upon population sleep health practices. <i>Sleep Health</i> , <b>2019</b> , 5, 409-417	4	13
101	Exercise distributed across day and night does not alter circadian period in humans. <i>Journal of Biological Rhythms</i> , <b>2007</b> , 22, 534-41	3.2	13
100	Commentary: models of the effect of light on the human circadian system: current state of the art. <i>Journal of Biological Rhythms</i> , <b>1999</b> , 14, 538-43	3.2	13
99	Early public adherence with and support for stay-at-home COVID-19 mitigation strategies despite adverse life impact: a transnational cross-sectional survey study in the United States and Australia. <i>BMC Public Health</i> , <b>2021</b> , 21, 503	4.1	13
98	Characterizing the temporal Dynamics of Melatonin and Cortisol Changes in Response to Nocturnal Light Exposure. <i>Scientific Reports</i> , <b>2019</b> , 9, 19720	4.9	13
97	Examining sleep deficiency and disturbance and their risk for incident dementia and all-cause mortality in older adults across 5 years in the United States. <i>Aging</i> , <b>2021</b> , 13, 3254-3268	5.6	13
96	Chronotype Genetic Variant in PER2 is Associated with Intrinsic Circadian Period in Humans. <i>Scientific Reports</i> , <b>2019</b> , 9, 5350	4.9	12
95	Brief (. <i>Sleep</i> , <b>2019</b> , 42,	1.1	12
94	Sleep Restriction With Circadian Disruption Negatively Alter Bone Turnover Markers in Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	12
93	Sleep and cognitive function of crewmembers and mission controllers working 24-h shifts during a simulated 105-day spaceflight mission. <i>Acta Astronautica</i> , <b>2014</b> , 93, 230-242	2.9	12
92	Noncontact Pressure-Based Sleep/Wake Discrimination. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2017</b> , 64, 1750-1760	5	12
91	Panel discussion: current status of measuring sleepiness. <i>Journal of Clinical Sleep Medicine</i> , <b>2011</b> , 7, S22-5.1	5.1	12
90	Uncovering survivorship bias in longitudinal mental health surveys during the COVID-19 pandemic. <i>Epidemiology and Psychiatric Sciences</i> , <b>2021</b> , 30, e45	5.1	12
89	Obstructive Sleep Apnea and Work Accidents: Time for Action. <i>Sleep</i> , <b>2016</b> , 39, 1171-3	1.1	11
88	Resident physician extended work hours and burnout. <i>Sleep</i> , <b>2018</b> , 41,	1.1	11
87	An Exploration of the Temporal Dynamics of Circadian Resetting Responses to Short- and Long-Duration Light Exposures: Cross-Species Consistencies and Differences. <i>Journal of Biological Rhythms</i> , <b>2019</b> , 34, 497-514	3.2	11

86	Classifying attentional vulnerability to total sleep deprivation using baseline features of Psychomotor Vigilance Test performance. <i>Scientific Reports</i> , <b>2019</b> , 9, 12102	4.9	11
85	Daytime eating prevents internal circadian misalignment and glucose intolerance in night work. <i>Science Advances</i> , <b>2021</b> , 7, eabg9910	14.3	11
84	A new face of sleep: The impact of post-learning sleep on recognition memory for face-name associations. <i>Neurobiology of Learning and Memory</i> , <b>2015</b> , 126, 31-8	3.1	10
83	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> , <b>2018</b> , 8, e022041	3	10
82	Association of Sleep Disorders With Physician Burnout. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2023256	10.4	9
81	COVID-19: Public Compliance with and Public Support for Stay-at-Home Mitigation Strategies		9
80	Delay or avoidance of routine, urgent and emergency medical care due to concerns about COVID-19 in a region with low COVID-19 prevalence: Victoria, Australia. <i>Respirology</i> , <b>2021</b> , 26, 707-712	3.6	9
79	Light modulates oscillatory alpha activity in the occipital cortex of totally visually blind individuals with intact non-image-forming photoreception. <i>Scientific Reports</i> , <b>2018</b> , 8, 16968	4.9	9
78	Melatonin in the Regulation of Sleep and Circadian Rhythms <b>2005</b> , 395-404		8
77	Association of DAT1 genetic variants with habitual sleep duration in the UK Biobank. <i>Sleep</i> , <b>2019</b> , 42,	1.1	8
76	Relationship between endogenous melatonin concentrations and uterine contractions in late third trimester of human pregnancy. <i>Journal of Pineal Research</i> , <b>2019</b> , 66, e12566	10.4	7
75	Human Circadian Timing System and Sleep-Wake Regulation <b>2017</b> , 362-376.e5		7
74	SLEEP. Measuring the passage of brain time. <i>Science</i> , <b>2016</b> , 353, 648-9	33.3	7
73	Using a Single Daytime Performance Test to Identify Most Individuals at High-Risk for Performance Impairment during Extended Wake. <i>Scientific Reports</i> , <b>2019</b> , 9, 16681	4.9	7
72	Design and recruitment of the randomized order safety trial evaluating resident-physician schedules (ROSTERS) study. <i>Contemporary Clinical Trials</i> , <b>2019</b> , 80, 22-33	2.3	6
71	Interhemispheric sleep depth coherence predicts driving safety in sleep apnea. <i>Journal of Sleep Research</i> , <b>2021</b> , 30, e13092	5.8	6
70	Associations between changes in daily behaviors and self-reported feelings of depression and anxiety about the COVID-19 pandemic among older adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , <b>2021</b> ,	4.6	6
69	Employee Sleep Enhancement and Fatigue Reduction Programs: Analysis of the 2017 CDC Workplace Health in America Poll. <i>American Journal of Health Promotion</i> , <b>2021</b> , 35, 503-513	2.5	6

68	Extended Work Shifts and Neurobehavioral Performance in Resident-Physicians. <i>Pediatrics</i> , <b>2021</b> , 147,	7.4	6
67	Psychological Screening for Exceptional Environments: Laboratory Circadian Rhythm and Sleep Research. <i>Clocks &amp; Sleep</i> , <b>2020</b> , 2, 13	2.9	5
66	Making residency work hour rules work. <i>Journal of Law, Medicine and Ethics</i> , <b>2013</b> , 41, 310-4	1.2	5
65	EditorsPintroduction: Melatonin. <i>Journal of Biological Rhythms</i> , <b>1997</b> , 12, 485-486	3.2	5
64	Delay or Avoidance of Medical Care Because of COVID-19Related Concerns [United States, June 2020. <i>Morbidity and Mortality Weekly Report</i> , <b>2020</b> , 69,	31.7	5
63	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> , <b>2021</b> , 63, 111-118	2	5
62	Employer-mandated obstructive sleep apnea treatment and healthcare cost savings among truckers. <i>Sleep</i> , <b>2020</b> , 43,	1.1	5
61	Fasting blood triglycerides vary with circadian phase in both young and older people. <i>Physiological Reports</i> , <b>2020</b> , 8, e14453	2.6	4
60	Should sleep-deprived surgeons be prohibited from operating without patientsPconsent?. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 95, 757-66	2.7	4
59	Soluble interleukin-13r $\alpha$ : a circulating regulator of glucose. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2017</b> , 313, E663-E671	6	4
58	Wake-promoting therapeutic medications not an appropriate alternative to implementation of safer work schedules for resident physicians. <i>Mayo Clinic Proceedings</i> , <b>2010</b> , 85, 302-3; author reply 303	6.4	4
57	Effect of internB consecutive work hours on safety, medical education and professionalism. <i>Critical Care</i> , <b>2005</b> , 9, 528-30; author reply 528-30	10.8	4
56	The Sleep-Wake Pattern of Cortisol and Growth Hormone Secretion during Non-Entrained (Free-Running) Conditions in Man <b>1981</b> , 29-41		4
55	0996 Interim Findings from a Sleep Health and Wellness Program to Reduce Occupational Burnout. <i>Sleep</i> , <b>2019</b> , 42, A401-A401	1.1	4
54	Spectral sensitivity of circadian phase resetting, melatonin suppression and acute alerting effects of intermittent light exposure. <i>Biochemical Pharmacology</i> , <b>2021</b> , 191, 114504	6	4
53	Middle-of-the-night percutaneous coronary intervention and its association with percutaneous coronary intervention outcomes performed the following day: an analysis from the National Cardiovascular Data Registry. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 49-56	5	3
52	A clinical trial to evaluate the dayzz smartphone app on employee sleep, health, and productivity at a large US employer.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0260828	3.7	3
51	Pediatric Resident Engagement With an Online Critical Care Curriculum During the Intensive Care Rotation. <i>Pediatric Critical Care Medicine</i> , <b>2020</b> , 21, 986-991	3	3

50	Stability of the timing of food intake at daily and monthly timescales in young adults. <i>Scientific Reports</i> , <b>2020</b> , 10, 20849	4.9	3
49	Menstrual phase-dependent differences in neurobehavioral performance: the role of temperature and the progesterone/estradiol ratio. <i>Sleep</i> , <b>2020</b> , 43,	1.1	3
48	Tempering optimism from repeated longitudinal mental health surveys. <i>Lancet Psychiatry</i> , <b>2021</b> , 8, 274-275	23.3	3
47	Sleep difficulties, incident dementia and all-cause mortality among older adults across 8 years: Findings from the National Health and Aging Trends Study. <i>Journal of Sleep Research</i> , <b>2021</b> , 30, e13395	5.8	3
46	A classification approach to estimating human circadian phase under circadian alignment from actigraphy and photometry data. <i>Journal of Pineal Research</i> , <b>2021</b> , 71, e12745	10.4	3
45	Endogenous circadian regulation and phase resetting of clinical metabolic biomarkers. <i>Journal of Pineal Research</i> , <b>2021</b> , 71, e12752	10.4	3
44	Time-of-day and Meal Size Effects on Clinical Lipid Markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e1373-e1379	5.6	3
43	Robust stability of melatonin circadian phase, sleep metrics, and chronotype across months in young adults living in real-world settings. <i>Journal of Pineal Research</i> , <b>2021</b> , 70, e12720	10.4	3
42	Mental health, substance use, and suicidal ideation among unpaid caregivers of adults in the United States during the COVID-19 pandemic: Relationships to age, race/ethnicity, employment, and caregiver intensity. <i>Journal of Affective Disorders</i> , <b>2021</b> , 295, 1259-1268	6.6	3
41	Patient Safety under Flexible and Standard Duty-Hour Rules. <i>New England Journal of Medicine</i> , <b>2019</b> , 380, 2379-2380	59.2	2
40	0977 Engagement in Collegiate Sleep Health Education: A Matter of Timing. <i>Sleep</i> , <b>2019</b> , 42, A393-A394	1.1	2
39	Human circadian rhythms. <i>Nature</i> , <b>1991</b> , 351, 193	50.4	2
38	Day-night differences are not always due to circadian control. <i>Annals of Emergency Medicine</i> , <b>1992</b> , 21, 1236	2.1	2
37	Can People Sleep Too Much? Effects of Extended Sleep Opportunity on Sleep Duration and Timing. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 792942	4.6	2
36	Chronic Sleep Restriction While Minimizing Circadian Disruption Does Not Adversely Affect Glucose Tolerance. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 764737	4.6	2
35	Self-reported sleep duration and timing: A methodological review of event definitions, context, and timeframe of related questions		2
34	COVID-19 Vaccine Intentions in the United States December 2020 to March 2021		2
33	Adverse impact of polyphasic sleep patterns in humans: Report of the National Sleep Foundation sleep timing and variability consensus panel. <i>Sleep Health</i> , <b>2021</b> , 7, 293-302	4	2



32	Sleep Education for College Students: The Time Is Now. <i>Journal of Clinical Sleep Medicine</i> , <b>2018</b> , 14, 1269-1274	3.1	2
31	Resolving delayed sleep-wake phase disorder with a pandemic: two case reports. <i>Journal of Clinical Sleep Medicine</i> , <b>2021</b> ,	3.1	2
30	Behaviorally and environmentally induced non-24-hour sleep-wake rhythm disorder in sighted patients. <i>Journal of Clinical Sleep Medicine</i> , <b>2021</b> ,	3.1	2
29	0969 Attentional Failures Are Correlated With Serious Medical Errors In Resident Physicians. <i>Sleep</i> , <b>2019</b> , 42, A390-A390	1.1	1
28	0995 Schedule Re-design and Patient Safety: the Randomized Order Safety Trial Evaluating Resident-Physician Schedules (ROSTERS). <i>Sleep</i> , <b>2019</b> , 42, A400-A401	1.1	1
27	Housing Immigrant Children - The Inhumanity of Constant Illumination. <i>New England Journal of Medicine</i> , <b>2018</b> , 379, e3	59.2	1
26	Reply to Zeitzer: Good science, in or out of the laboratory, should prevail. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E1514	11.5	1
25	Unanticipated daytime melatonin secretion on a simulated night shift schedule generates a distinctive 24-h melatonin rhythm with antiphasic daytime and nighttime peaks.. <i>Journal of Pineal Research</i> , <b>2022</b> ,	10.4	1
24	Chronic circadian disruption on a high-fat diet impairs glucose tolerance.. <i>Metabolism: Clinical and Experimental</i> , <b>2022</b> , 155158	12.7	1
23	Estimated Sleep Duration Before and During the COVID-19 Pandemic in Major Metropolitan Areas on Different Continents: Observational Study of Smartphone App Data (Preprint)		1
22	Sleep and Circadian Effects of Space <b>2020</b> , 1-7		1
21	Efficacy of intermittent exposure to bright light for treating maladaptation to night work on a counterclockwise shift work rotation. <i>Scandinavian Journal of Work, Environment and Health</i> , <b>2021</b> , 47, 356-366	4.3	1
20	Sleep medication use and incident dementia in a nationally representative sample of older adults in the US. <i>Sleep Medicine</i> , <b>2021</b> , 79, 183-189	4.6	1
19	Entrainment of the Non-24-hour Circadian Period of the Human Biological Clock to the 24-hour Day <b>2002</b> , 475-489		1
18	High dose melatonin increases sleep duration during nighttime and daytime sleep episodes in older adults.. <i>Journal of Pineal Research</i> , <b>2022</b> ,	10.4	1
17	Circadian lipid and hepatic protein rhythms shift with a phase response curve different than melatonin.. <i>Nature Communications</i> , <b>2022</b> , 13, 681	17.4	0
16	Altered sleep spindles and slow waves during space shuttle missions. <i>Npj Microgravity</i> , <b>2021</b> , 7, 48	5.3	0
15	Exploratory assessment of pineal gland volume, composition, and urinary 6-sulfatoxymelatonin levels on prostate cancer risk. <i>Prostate</i> , <b>2021</b> , 81, 487-496	4.2	0

14	0976 The Healthy Sleep Program Quality Improvement Initiative. <i>Sleep</i> , <b>2019</b> , 42, A393-A393	1.1
13	0997 Scheduling Factors Associated With Resident Physician And Patient Safety In More Senior Residents. <i>Sleep</i> , <b>2019</b> , 42, A401-A402	1.1
12	0039 Circadian Variation of Plasma Triglycerides in Healthy Adults. <i>Sleep</i> , <b>2019</b> , 42, A16-A16	1.1
11	0146 Model-based Predictions Of Neurobehavioral Performance Of Resident Physicians In A Randomized Order Safety Trial Evaluating Resident-physician Schedules (rosters). <i>Sleep</i> , <b>2019</b> , 42, A60-A60 <sup>1,1</sup>	1.1
10	0971 Methods and Schedule-Related Differences in a Multi-center Trial of Rapidly Cycling versus Extended Duration Work Rosters. <i>Sleep</i> , <b>2019</b> , 42, A391-A391	1.1
9	0042 Proteomic Biomarkers Of Circadian Time. <i>Sleep</i> , <b>2019</b> , 42, A17-A18	1.1
8	Heparin-Induced Thrombocytopenia in Healthy Individuals with Continuous Heparin Infusion. <i>TH Open</i> , <b>2018</b> , 2, e49-e53	2.7
7	0633 Prospective Semester-Long Evaluation of College Student Sleep. <i>Sleep</i> , <b>2019</b> , 42, A252-A252	1.1
6	0970 Resident Physician Work Hours Decreased and Sleep Duration Increased Following Elimination of Scheduled Extended Duration Shifts. <i>Sleep</i> , <b>2019</b> , 42, A390-A391	1.1
5	Graduated Driver-Licensing: The Authors Reply. <i>Health Affairs</i> , <b>2015</b> , 34, 1610	7
4	Encyclopedia of Bioastronautics <b>2019</b> , 1-7	
3	Circadian dysrhythm and advanced prostate cancer.. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, 199-199	2.2
2	Response : Moonlight and Circadian Rhythms. <i>Science</i> , <b>1987</b> , 235, 145-145	33.3
1	Accommodating vaccine preferences among women of childbearing age. <i>American Journal of Obstetrics and Gynecology</i> , <b>2021</b> , 225, 697-699	6.4