

Christian Cajochen

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.

161
papers

9,710
citations

50
h-index

96
g-index

176
ext. papers

11,350
ext. citations

4.8
avg, IF

6.3
L-index

#	Paper	IF	Citations
161	A phase response curve to single bright light pulses in human subjects. <i>Journal of Physiology</i> , 2003 , 549, 945-52	3.9	671
160	High sensitivity of human melatonin, alertness, thermoregulation, and heart rate to short wavelength light. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 1311-6	5.6	578
159	Dose-response relationship for light intensity and ocular and electroencephalographic correlates of human alertness. <i>Behavioural Brain Research</i> , 2000 , 115, 75-83	3.4	433
158	A time to think: circadian rhythms in human cognition. <i>Cognitive Neuropsychology</i> , 2007 , 24, 755-89	2.3	423
157	Alerting effects of light. <i>Sleep Medicine Reviews</i> , 2007 , 11, 453-64	10.2	377
156	Evening exposure to a light-emitting diodes (LED)-backlit computer screen affects circadian physiology and cognitive performance. <i>Journal of Applied Physiology</i> , 2011 , 110, 1432-8	3.7	372
155	Power density in theta/alpha frequencies of the waking EEG progressively increases during sustained wakefulness. <i>Sleep</i> , 1995 , 18, 890-4	1.1	285
154	Non-visual effects of light on melatonin, alertness and cognitive performance: can blue-enriched light keep us alert?. <i>PLoS ONE</i> , 2011 , 6, e16429	3.7	271
153	Functional link between distal vasodilation and sleep-onset latency?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000 , 278, R741-8	3.2	211
152	Circadian rhythms in cognitive performance: methodological constraints, protocols, theoretical underpinnings. <i>Physiology and Behavior</i> , 2007 , 90, 196-208	3.5	206
151	Age-related changes in the circadian and homeostatic regulation of human sleep. <i>Chronobiology International</i> , 2006 , 23, 461-74	3.6	184
150	Encoding difficulty promotes postlearning changes in sleep spindle activity during napping. <i>Journal of Neuroscience</i> , 2006 , 26, 8976-82	6.6	170
149	Blue blocker glasses as a countermeasure for alerting effects of evening light-emitting diode screen exposure in male teenagers. <i>Journal of Adolescent Health</i> , 2015 , 56, 113-9	5.8	168
148	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> , 1999 , 277, R640-9	3.2	155
147	Circadian and wake-dependent modulation of fastest and slowest reaction times during the psychomotor vigilance task. <i>Physiology and Behavior</i> , 2004 , 80, 695-701	3.5	152
146	Acute exposure to evening blue-enriched light impacts on human sleep. <i>Journal of Sleep Research</i> , 2013 , 22, 573-80	5.8	148
145	Gender and age differences in psychomotor vigilance performance under differential sleep pressure conditions. <i>Behavioural Brain Research</i> , 2006 , 168, 312-7	3.4	147

144	Low-dose repeated caffeine administration for circadian-phase-dependent performance degradation during extended wakefulness. <i>Sleep</i> , 2004 , 27, 374-81	1.1	147
143	Homeostatic sleep pressure and responses to sustained attention in the suprachiasmatic area. <i>Science</i> , 2009 , 324, 516-9	33.3	145
142	Effects of the COVID-19 lockdown on human sleep and rest-activity rhythms. <i>Current Biology</i> , 2020 , 30, R795-R797	6.3	142
141	Sleep-wake cycles and cognitive functioning in schizophrenia. <i>British Journal of Psychiatry</i> , 2011 , 198, 269-76	5.4	137
140	Dynamics of frontal EEG activity, sleepiness and body temperature under high and low sleep pressure. <i>NeuroReport</i> , 2001 , 12, 2277-81	1.7	126
139	Wavelength-dependent effects of evening light exposure on sleep architecture and sleep EEG power density in men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 290, R1421-8	3.2	118
138	Daytime melatonin administration enhances sleepiness and theta/alpha activity in the waking EEG. <i>Neuroscience Letters</i> , 1996 , 207, 209-13	3.3	105
137	Transportation noise exposure and cardiovascular mortality: a nationwide cohort study from Switzerland. <i>European Journal of Epidemiology</i> , 2017 , 32, 307-315	12.1	101
136	Age-related attenuation of the evening circadian arousal signal in humans. <i>Neurobiology of Aging</i> , 2005 , 26, 1307-19	5.6	101
135	Acute effects of bright light exposure on cortisol levels. <i>Journal of Biological Rhythms</i> , 2010 , 25, 208-16	3.2	97
134	Evening exposure to blue light stimulates the expression of the clock gene PER2 in humans. <i>European Journal of Neuroscience</i> , 2006 , 23, 1082-6	3.5	96
133	The frontal predominance in human EEG delta activity after sleep loss decreases with age. <i>European Journal of Neuroscience</i> , 2004 , 20, 1402-10	3.5	94
132	Evening administration of melatonin and bright light: interactions on the EEG during sleep and wakefulness. <i>Journal of Sleep Research</i> , 1998 , 7, 145-57	5.8	91
131	Evidence that the lunar cycle influences human sleep. <i>Current Biology</i> , 2013 , 23, 1485-8	6.3	87
130	Effect of a single 3-hour exposure to bright light on core body temperature and sleep in humans. <i>Neuroscience Letters</i> , 1991 , 121, 59-62	3.3	85
129	Alteration of internal circadian phase relationships after morning versus evening carbohydrate-rich meals in humans. <i>Journal of Biological Rhythms</i> , 2002 , 17, 364-76	3.2	84
128	Can light make us bright? Effects of light on cognition and sleep. <i>Progress in Brain Research</i> , 2011 , 190, 119-33	2.9	83
127	Age-related changes in sleep and circadian rhythms: impact on cognitive performance and underlying neuroanatomical networks. <i>Frontiers in Neurology</i> , 2012 , 3, 118	4.1	78

126	Long-term exposure to transportation noise and air pollution in relation to incident diabetes in the SAPALDIA study. <i>International Journal of Epidemiology</i> , 2017 , 46, 1115-1125	7.8	77
125	Effects of artificial dawn and morning blue light on daytime cognitive performance, well-being, cortisol and melatonin levels. <i>Chronobiology International</i> , 2013 , 30, 988-97	3.6	77
124	Human melatonin and alerting response to blue-enriched light depend on a polymorphism in the clock gene PER3. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E433-7	5.6	72
123	A survey on exposure-response relationships for road, rail, and aircraft noise annoyance: Differences between continuous and intermittent noise. <i>Environment International</i> , 2019 , 125, 277-290	12.9	68
122	Subjective well-being is modulated by circadian phase, sleep pressure, age, and gender. <i>Journal of Biological Rhythms</i> , 2009 , 24, 232-42	3.2	67
121	Heart rate dynamics during human sleep. <i>Physiology and Behavior</i> , 1994 , 55, 769-74	3.5	64
120	Clocking in: chronobiology in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2015 , 11, 349-56	8.1	63
119	Long-term transportation noise annoyance is associated with subsequent lower levels of physical activity. <i>Environment International</i> , 2016 , 91, 341-9	12.9	61
118	Intermittency ratio: A metric reflecting short-term temporal variations of transportation noise exposure. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016 , 26, 575-585	6.7	59
117	Circadian rhythm and epilepsy. <i>Lancet Neurology</i> , 2018 , 17, 1098-1108	24.1	59
116	A systematic analysis of mutual effects of transportation noise and air pollution exposure on myocardial infarction mortality: a nationwide cohort study in Switzerland. <i>European Heart Journal</i> , 2019 , 40, 598-603	9.5	56
115	Exposure to Road, Railway, and Aircraft Noise and Arterial Stiffness in the SAPALDIA Study: Annual Average Noise Levels and Temporal Noise Characteristics. <i>Environmental Health Perspectives</i> , 2017 , 125, 097004	8.4	55
114	EEG and subjective sleepiness during extended wakefulness in seasonal affective disorder: circadian and homeostatic influences. <i>Biological Psychiatry</i> , 2000 , 47, 610-7	7.9	55
113	Sleep extension in humans: sleep stages, EEG power spectra and body temperature. <i>Sleep</i> , 1991 , 14, 294-306	1.1	53
112	Human sleep spindle characteristics after sleep deprivation. <i>Clinical Neurophysiology</i> , 2003 , 114, 2258-67	4.3	50
111	Challenging the sleep homeostat does not influence the thermoregulatory system in men: evidence from a nap vs. sleep-deprivation study. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 290, R1052-61	3.2	48
110	Circadian modulation of sequence learning under high and low sleep pressure conditions. <i>Behavioural Brain Research</i> , 2004 , 151, 167-76	3.4	48
109	Chronobiology, excessive daytime sleepiness and depression: Is there a link?. <i>Sleep Medicine</i> , 2009 , 10, 505-14	4.6	47

108	Sleep Disruption and Daytime Sleepiness Correlating with Disease Severity and Insulin Resistance in Non-Alcoholic Fatty Liver Disease: A Comparison with Healthy Controls. <i>PLoS ONE</i> , 2015 , 10, e0143293	3.7	46
107	What keeps us awake? The role of clocks and hourglasses, light, and melatonin. <i>International Review of Neurobiology</i> , 2010 , 93, 57-90	4.4	45
106	Estimation of human circadian phase via a multi-channel ambulatory monitoring system and a multiple regression model. <i>Journal of Biological Rhythms</i> , 2011 , 26, 55-67	3.2	43
105	Exploiting metamerism to regulate the impact of a visual display on alertness and melatonin suppression independent of visual appearance. <i>Sleep</i> , 2018 , 41,	1.1	43
104	Human circadian melatonin rhythm phase delay during a fixed sleep-wake schedule interspersed with nights of sleep deprivation. <i>Journal of Pineal Research</i> , 2003 , 35, 149-57	10.4	42
103	Sex differences in light sensitivity impact on brightness perception, vigilant attention and sleep in humans. <i>Scientific Reports</i> , 2017 , 7, 14215	4.9	41
102	Long-term exposure to transportation noise and its association with adiposity markers and development of obesity. <i>Environment International</i> , 2018 , 121, 879-889	12.9	40
101	The hockey-stick method to estimate evening dim light melatonin onset (DLMO) in humans. <i>Chronobiology International</i> , 2014 , 31, 349-55	3.6	39
100	An improved method for estimating human circadian phase derived from multichannel ambulatory monitoring and artificial neural networks. <i>Chronobiology International</i> , 2012 , 29, 1078-97	3.6	39
99	Sleep loss-related decrements in planning performance in healthy elderly depend on task difficulty. <i>Journal of Sleep Research</i> , 2005 , 14, 409-17	5.8	39
98	Chronic artificial blue-enriched white light is an effective countermeasure to delayed circadian phase and neurobehavioral decrements. <i>PLoS ONE</i> , 2014 , 9, e102827	3.7	39
97	Daily stress, presleep arousal, and sleep in healthy young women: a daily life computerized sleep diary and actigraphy study. <i>Sleep Medicine</i> , 2014 , 15, 359-66	4.6	38
96	Wake High-Density Electroencephalographic Spatospectral Signatures of Insomnia. <i>Sleep</i> , 2016 , 39, 1015-27	5.27	37
95	Is homeostatic sleep regulation under low sleep pressure modified by age?. <i>Sleep</i> , 2007 , 30, 781-92	1.1	37
94	Age-related changes in the circadian modulation of sleep-spindle frequency during nap sleep. <i>Sleep</i> , 2005 , 28, 1093-101	1.1	37
93	Circadian and Sleep-Wake Dependent Impact on Neurobehavioral Function. <i>Psychologica Belgica</i> , 2020 , 44, 59	0.6	36
92	Differences between Outdoor and Indoor Sound Levels for Open, Tilted, and Closed Windows. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	35
91	Regional differences in the circadian modulation of human sleep spindle characteristics. <i>European Journal of Neuroscience</i> , 2003 , 18, 155-63	3.5	35

90	Individual Differences in Sleep Timing Relate to Melanopsin-Based Phototransduction in Healthy Adolescents and Young Adults. <i>Sleep</i> , 2016 , 39, 1305-10	1.1	34
89	Faāides, floors and maps - Influence of exposure measurement error on the association between transportation noise and myocardial infarction. <i>Environment International</i> , 2019 , 123, 399-406	12.9	33
88	Pushing the Limits: Chronotype and Time of Day Modulate Working Memory-Dependent Cerebral Activity. <i>Frontiers in Neurology</i> , 2015 , 6, 199	4.1	31
87	Genome-Wide DNA Methylation in Peripheral Blood and Long-Term Exposure to Source-Specific Transportation Noise and Air Pollution: The SAPALDIA Study. <i>Environmental Health Perspectives</i> , 2020 , 128, 67003	8.4	28
86	Bright Light Delights: Effects of Daily Light Exposure on Emotions, Restactivity Cycles, Sleep and Melatonin Secretion in Severely Demented Patients. <i>Current Alzheimer Research</i> , 2017 , 14, 1063-1075	3	28
85	Effects of Scale, Question Location, Order of Response Alternatives, and Season on Self-Reported Noise Annoyance Using ICBEN Scales: A Field Experiment. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	28
84	Diurnal variability of transportation noise exposure and cardiovascular mortality: A nationwide cohort study from Switzerland. <i>International Journal of Hygiene and Environmental Health</i> , 2018 , 221, 556-563	6.9	27
83	Light modulation of human sleep depends on a polymorphism in the clock gene Period3. <i>Behavioural Brain Research</i> , 2014 , 271, 23-9	3.4	27
82	Dawn simulation light impacts on different cognitive domains under sleep restriction. <i>Behavioural Brain Research</i> , 2015 , 281, 258-66	3.4	27
81	Differential impact in young and older individuals of blue-enriched white light on circadian physiology and alertness during sustained wakefulness. <i>Scientific Reports</i> , 2017 , 7, 7620	4.9	26
80	Adverse childhood experiences and autonomic regulation in response to acute stress: the role of the sympathetic and parasympathetic nervous systems. <i>Anxiety, Stress and Coping</i> , 2017 , 30, 145-154	3.1	26
79	Young women with major depression live on higher homeostatic sleep pressure than healthy controls. <i>Chronobiology International</i> , 2012 , 29, 278-94	3.6	25
78	Transportation noise exposure, noise annoyance and respiratory health in adults: A repeated-measures study. <i>Environment International</i> , 2018 , 121, 741-750	12.9	25
77	Characterization of the sleep disorder of anti-IgLON5 disease. <i>Sleep</i> , 2019 , 42,	1.1	24
76	Sleep-Wake Regulation and Its Impact on Working Memory Performance: The Role of Adenosine. <i>Biology</i> , 2016 , 5,	4.9	24
75	Insights into behavioral vulnerability to differential sleep pressure and circadian phase from a functional ADA polymorphism. <i>Journal of Biological Rhythms</i> , 2014 , 29, 119-30	3.2	22
74	Social Jetlag and Chronotypes in the Chinese Population: Analysis of Data Recorded by Wearable Devices. <i>Journal of Medical Internet Research</i> , 2019 , 21, e13482	7.6	22
73	No evidence for an S cone contribution to acute neuroendocrine and alerting responses to light. <i>Current Biology</i> , 2019 , 29, R1297-R1298	6.3	22

72	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
71	Adverse impact of nocturnal transportation noise on glucose regulation in healthy young adults: Effect of different noise scenarios. <i>Environment International</i> , 2018 , 121, 1011-1023	12.9	21
70	Self-Reported Sleep Disturbance from Road, Rail and Aircraft Noise: Exposure-Response Relationships and Effect Modifiers in the SiRENE Study. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	21
69	Time-on-task decrement in vigilance is modulated by inter-individual vulnerability to homeostatic sleep pressure manipulation. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 59	3.5	21
68	Polysomnographic features of pregnancy: A systematic review. <i>Sleep Medicine Reviews</i> , 2020 , 50, 101249	10.2	19
67	Incidence of depression in relation to transportation noise exposure and noise annoyance in the SAPALDIA study. <i>Environment International</i> , 2020 , 144, 106014	12.9	19
66	In Athletes, the Diurnal Variations in Maximum Oxygen Uptake Are More Than Twice as Large as the Day-to-Day Variations. <i>Frontiers in Physiology</i> , 2019 , 10, 219	4.6	16
65	Human brain patterns underlying vigilant attention: impact of sleep debt, circadian phase and attentional engagement. <i>Scientific Reports</i> , 2018 , 8, 970	4.9	16
64	Cognitive brain responses during circadian wake-promotion: evidence for sleep-pressure-dependent hypothalamic activations. <i>Scientific Reports</i> , 2017 , 7, 5620	4.9	16
63	Exposure to Night-Time Traffic Noise, Melatonin-Regulating Gene Variants and Change in Glycemia in Adults. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	16
62	In a Heartbeat: Light and Cardiovascular Physiology. <i>Frontiers in Neurology</i> , 2017 , 8, 541	4.1	16
61	Sleep spindle characteristics and arousability from nighttime transportation noise exposure in healthy young and older individuals. <i>Sleep</i> , 2018 , 41,	1.1	15
60	Influence of lighting color temperature on effort-related cardiac response. <i>Biological Psychology</i> , 2018 , 132, 64-70	3.2	15
59	Post-illumination pupil response after blue light: Reliability of optimized melanopsin-based phototransduction assessment. <i>Experimental Eye Research</i> , 2015 , 139, 73-80	3.7	14
58	Changing color and intensity of LED lighting across the day impacts on circadian melatonin rhythms and sleep in healthy men. <i>Journal of Pineal Research</i> , 2021 , 70, e12714	10.4	14
57	Transportation noise impairs cardiovascular function without altering sleep: The importance of autonomic arousals. <i>Environmental Research</i> , 2020 , 182, 109086	7.9	13
56	Association of Intraocular Cataract Lens Replacement With Circadian Rhythms, Cognitive Function, and Sleep in Older Adults. <i>JAMA Ophthalmology</i> , 2019 , 137, 878-885	3.9	12
55	Higher frontal EEG synchronization in young women with major depression: a marker for increased homeostatic sleep pressure?. <i>Sleep</i> , 2011 , 34, 1699-706	1.1	12

54	Non-24-Hour Sleep-Wake Disorder Revisited - A Case Study. <i>Frontiers in Neurology</i> , 2016 , 7, 17	4.1	12
53	Which Cutoffs for Secondary V̇O ₂ max Criteria Are Robust to Diurnal Variations?. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1006-1013	1.2	12
52	Fighting Sleep at Night: Brain Correlates and Vulnerability to Sleep Loss. <i>Annals of Neurology</i> , 2015 , 78, 235-47	9.4	11
51	Caffeine-dependent changes of sleep-wake regulation: Evidence for adaptation after repeated intake. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020 , 99, 109851	5.5	11
50	Should We Re-think Regulations and Standards for Lighting at Workplaces? A Practice Review on Existing Lighting Recommendations. <i>Frontiers in Psychiatry</i> , 2021 , 12, 652161	5	11
49	Evidence That Homeostatic Sleep Regulation Depends on Ambient Lighting Conditions during Wakefulness. <i>Clocks & Sleep</i> , 2019 , 1, 517-531	2.9	11
48	Geographic latitude and sleep duration: A population-based survey from the Tropic of Capricorn to the Antarctic Circle. <i>Chronobiology International</i> , 2017 , 34, 373-381	3.6	9
47	Diurnal and day-to-day variations in isometric and isokinetic strength. <i>Chronobiology International</i> , 2019 , 36, 1537-1549	3.6	9
46	Commentary: Melanopsin Regulates Both Sleep-Promoting and Arousal-Promoting Responses to Light. <i>Frontiers in Neural Circuits</i> , 2016 , 10, 94	3.5	9
45	Melatonin rhythms in renal transplant recipients with sleep-wake disturbances. <i>Chronobiology International</i> , 2016 , 33, 810-20	3.6	9
44	Later Chronotype Is Associated with Higher Alcohol Consumption and More Adverse Childhood Experiences in Young Healthy Women. <i>Clocks & Sleep</i> , 2019 , 1, 126-139	2.9	8
43	Dawn simulation light: a potential cardiac events protector. <i>Sleep Medicine</i> , 2015 , 16, 457-61	4.6	8
42	Impact of age, sleep pressure and circadian phase on time-of-day estimates. <i>Behavioural Brain Research</i> , 2009 , 201, 48-52	3.4	8
41	The tick-tock of language: is language processing sensitive to circadian rhythmicity and elevated sleep pressure?. <i>Chronobiology International</i> , 2009 , 26, 974-91	3.6	8
40	Circadian and Light Effects on Human Sleepiness/Alertness 2014 , 9-22		8
39	Daily Caffeine Intake Induces Concentration-Dependent Medial Temporal Plasticity in Humans: A Multimodal Double-Blind Randomized Controlled Trial. <i>Cerebral Cortex</i> , 2021 , 31, 3096-3106	5.1	8
38	Chronobiology, sleep-related risk factors and light therapy in perinatal depression: the "Life-ON" project. <i>BMC Psychiatry</i> , 2016 , 16, 374	4.2	7
37	Binocular facilitation in light-mediated melatonin suppression?. <i>Journal of Pineal Research</i> , 2019 , 67, e12602	10.4	7

36	Visual and non-visual properties of filters manipulating short-wavelength light. <i>Ophthalmic and Physiological Optics</i> , 2019 , 39, 459-468	4.1	7
35	The independent association of source-specific transportation noise exposure, noise annoyance and noise sensitivity with health-related quality of life. <i>Environment International</i> , 2020 , 143, 105960	12.9	6
34	Subjective Mood in Young Unmedicated Depressed Women under High and Low Sleep Pressure Conditions. <i>Biology</i> , 2016 , 5,	4.9	6
33	Differences in Insomnia Symptoms between Immigrants and Non-Immigrants in Switzerland attributed to Emotional Distress: Analysis of the Swiss Health Survey. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	5
32	Evaluation of Visual Comfort and Mental Effort Under Different Light Conditions for Ultraviolet-Absorbing and Additional Blue-Filtering Intraocular Lenses for Cataract Surgery. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2019 , 236, 398-404	0.8	5
31	Sustained effects of prior red light on pupil diameter and vigilance during subsequent darkness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	5
30	Associations of Various Nighttime Noise Exposure Indicators with Objective Sleep Efficiency and Self-Reported Sleep Quality: A Field Study. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	5
29	The circadian regulation of sleep: impact of a functional ADA-polymorphism and its association to working memory improvements. <i>PLoS ONE</i> , 2014 , 9, e113734	3.7	5
28	Ultradian modulation of cortical arousals during sleep: effects of age and exposure to nighttime transportation noise. <i>Sleep</i> , 2020 , 43,	1.1	4
27	The impact of daily caffeine intake on nighttime sleep in young adult men. <i>Scientific Reports</i> , 2021 , 11, 4668	4.9	4
26	Verification-phase tests show low reliability and add little value in determining [Formula: see text] O_2 max in young trained adults. <i>PLoS ONE</i> , 2021 , 16, e0245306	3.7	4
25	Reply to Cordi et al. <i>Current Biology</i> , 2014 , 24, R795	6.3	3
24	75.4: Evaluation of Human Reactions on Displays with LED Backlight and a Technical Concept of a Circadian Effective Display. <i>Digest of Technical Papers SID International Symposium</i> , 2010 , 41, 1120	0.5	3
23	Sleep and circadian phenotype in people without cone-mediated vision		3
22	Intraocular cataract lens replacement and light exposure potentially impact procedural learning in older adults. <i>Journal of Sleep Research</i> , 2021 , 30, e13043	5.8	3
21	Age-related neuroendocrine and alerting responses to light. <i>GeroScience</i> , 2021 , 43, 1767-1781	8.9	3
20	Sleep and circadian phenotype in people without cone-mediated vision: a case series of five and two patients. <i>Brain Communications</i> , 2021 , 3, fcab159	4.5	3
19	Effects of bright and blue light on acoustic reaction time and maximum handgrip strength in male athletes: a randomized controlled trial. <i>European Journal of Applied Physiology</i> , 2017 , 117, 1689-1696	3.4	2

18	Light: An underestimated environmental factor in sleep medicine. <i>Sleep and Biological Rhythms</i> , 2015 , 13, 111-111	1.3	2
17	Predicting melatonin suppression by light in humans: unifying photoreceptor-based equivalent daylight illuminances, spectral composition, timing and duration of light exposure.. <i>Journal of Pineal Research</i> , 2022 , e12786	10.4	2
16	Caffeine-dependent changes of sleep-wake regulation: evidence for adaptation after repeated intake		2
15	Validation of an Automatic Arousal Detection Algorithm for Whole-Night Sleep EEG Recordings. <i>Clocks & Sleep</i> , 2020 , 2, 258-272	2.9	2
14	Morning bright light exposure has no influence on self-chosen exercise intensity and mood in overweight individuals - A randomized controlled trial. <i>Chronobiology International</i> , 2018 , 35, 477-485	3.6	1
13	Circadian and Homeostatic Regulation of Sleepiness, Cognition, and Their Neuronal Underpinnings 2014 , 43-59		1
12	Time to Recover From Daily Caffeine Intake.. <i>Frontiers in Nutrition</i> , 2021 , 8, 787225	6.2	1
11	Caffeine-induced Plasticity of Grey Matter Volume in Healthy Brains: A placebo-controlled multimodal within-subject study		1
10	Depression and sleepiness: a chronobiological approach 279-291		1
9	Working Memory Performance after Daily Caffeine Intake: Compromised Performance and Reduced Hippocampal Activity		1
8	098 Effects of Metameric Display-Light on Alertness, Vigilance and Melatonin. <i>Sleep</i> , 2021 , 44, A40-A41	1.1	1
7	Regular Caffeine Intake Delays REM Sleep Promotion and Attenuates Sleep Quality in Healthy Men. <i>Journal of Biological Rhythms</i> , 2021 , 36, 384-394	3.2	1
6	Optimized office lighting advances melatonin phase and peripheral heat loss prior bedtime.. <i>Scientific Reports</i> , 2022 , 12, 4267	4.9	1
5	Study protocol for a prospective randomised double-blind placebo-controlled clinical trial investigating a Better Outcome with Melatonin compared to Placebo Administered to normalize sleep-wake cycle and treat hypoactive ICU Delirium: the Basel BOMP-AID study. <i>BMJ Open</i> , 2020 , 10, e034873	3	0
4	Circadian and homeostatic sleep-wake regulation of secretory immunoglobulin A (sIgA): Effects of environmental light and recovery sleep.. <i>Brain, Behavior, & Immunity - Health</i> , 2022 , 19, 100394	5.1	0
3	SleepCyclesPackage for R - A free software tool for the detection of sleep cycles from sleep staging. <i>MethodsX</i> , 2021 , 8, 101318	1.9	0
2	758 Circadian rest-activity signatures in women with major depressive disorder. <i>Sleep</i> , 2021 , 44, A295-A296		
1	Circadian and Sleep Modulation of Dreaming in Women with Major Depression.. <i>Clocks & Sleep</i> , 2022 , 4, 114-128	2.9	

