

Christian Cajochen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8473659/christian-cajochen-publications-by-year.pdf>

Version: 2024-04-28

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.

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	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
160	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
159	Circadian and Sleep Modulation of Dreaming in Women with Major Depression.. <i>Clocks & Sleep</i> , 2022 , 4, 114-128	2.9	
158	Optimized office lighting advances melatonin phase and peripheral heat loss prior bedtime.. <i>Scientific Reports</i> , 2022 , 12, 4267	4.9	1
157	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
156	Time to Recover From Daily Caffeine Intake.. <i>Frontiers in Nutrition</i> , 2021 , 8, 787225	6.2	1
155	098 Effects of Metameric Display-Light on Alertness, Vigilance and Melatonin. <i>Sleep</i> , 2021 , 44, A40-A41	1.1	1
154	758 Circadian rest-activity signatures in women with major depressive disorder. <i>Sleep</i> , 2021 , 44, A295-A296		
153	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
152	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
151	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
150	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
149	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
148	Age-related neuroendocrine and alerting responses to light. <i>GeroScience</i> , 2021 , 43, 1767-1781	8.9	3
147	The impact of daily caffeine intake on nighttime sleep in young adult men. <i>Scientific Reports</i> , 2021 , 11, 4668	4.9	4
146	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
145	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

144	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
143	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, e001678	3	0
142	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
141	Effects of the COVID-19 lockdown on human sleep and rest-activity rhythms. <i>Current Biology</i> , 2020 , 30, R795-R797	6.3	142
140	Ultradian modulation of cortical arousals during sleep: effects of age and exposure to nighttime transportation noise. <i>Sleep</i> , 2020 , 43,	1.1	4
139	Circadian and Sleep-Wake Dependent Impact on Neurobehavioral Function. <i>Psychologica Belgica</i> , 2020 , 44, 59	0.6	36
138	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
137	Polysomnographic features of pregnancy: A systematic review. <i>Sleep Medicine Reviews</i> , 2020 , 50, 101249	10.2	19
136	Transportation noise impairs cardiovascular function without altering sleep: The importance of autonomic arousals. <i>Environmental Research</i> , 2020 , 182, 109086	7.9	13
135	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
134	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
133	Validation of an Automatic Arousal Detection Algorithm for Whole-Night Sleep EEG Recordings. <i>Clocks & Sleep</i> , 2020 , 2, 258-272	2.9	2
132	Diurnal and day-to-day variations in isometric and isokinetic strength. <i>Chronobiology International</i> , 2019 , 36, 1537-1549	3.6	9
131	Faades, 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
130	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
129	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
128	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
127	Characterization of the sleep disorder of anti-IgLON5 disease. <i>Sleep</i> , 2019 , 42,	1.1	24

126	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
125	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
124	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
123	Binocular facilitation in light-mediated melatonin suppression?. <i>Journal of Pineal Research</i> , 2019 , 67, e12602	10.4	7
122	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
121	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
120	Visual and non-visual properties of filters manipulating short-wavelength light. <i>Ophthalmic and Physiological Optics</i> , 2019 , 39, 459-468	4.1	7
119	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
118	Evidence That Homeostatic Sleep Regulation Depends on Ambient Lighting Conditions during Wakefulness. <i>Clocks & Sleep</i> , 2019 , 1, 517-531	2.9	11
117	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
116	Which Cutoffs for Secondary $\dot{V}O_{2\max}$ Criteria Are Robust to Diurnal Variations?. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1006-1013	1.2	12
115	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
114	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
113	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
112	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
111	Sleep spindle characteristics and arousability from nighttime transportation noise exposure in healthy young and older individuals. <i>Sleep</i> , 2018 , 41,	1.1	15
110	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
109	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

108	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
107	Influence of lighting color temperature on effort-related cardiac response. <i>Biological Psychology</i> , 2018 , 132, 64-70	3.2	15
106	Circadian rhythm and epilepsy. <i>Lancet Neurology</i> , 2018 , 17, 1098-1108	24.1	59
105	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
104	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
103	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
102	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
101	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
100	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
99	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
98	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
97	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
96	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
95	Cognitive brain responses during circadian wake-promotion: evidence for sleep-pressure-dependent hypothalamic activations. <i>Scientific Reports</i> , 2017 , 7, 5620	4.9	16
94	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
93	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
92	In a Heartbeat: Light and Cardiovascular Physiology. <i>Frontiers in Neurology</i> , 2017 , 8, 541	4.1	16
91	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

90	Wake High-Density Electroencephalographic Spatospectral Signatures of Insomnia. <i>Sleep</i> , 2016 , 39, 1015-27	4.2	37
89	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
88	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
87	Commentary: Melanopsin Regulates Both Sleep-Promoting and Arousal-Promoting Responses to Light. <i>Frontiers in Neural Circuits</i> , 2016 , 10, 94	3.5	9
86	Non-24-Hour Sleep-Wake Disorder Revisited - A Case Study. <i>Frontiers in Neurology</i> , 2016 , 7, 17	4.1	12
85	Sleep-Wake Regulation and Its Impact on Working Memory Performance: The Role of Adenosine. <i>Biology</i> , 2016 , 5,	4.9	24
84	Subjective Mood in Young Unmedicated Depressed Women under High and Low Sleep Pressure Conditions. <i>Biology</i> , 2016 , 5,	4.9	6
83	Effects of Scale, Question Location, Order of Response Alternatives, and Season on Self-Reported Noise Annoyance Using IC BEN Scales: A Field Experiment. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	28
82	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
81	Melatonin rhythms in renal transplant recipients with sleep-wake disturbances. <i>Chronobiology International</i> , 2016 , 33, 810-20	3.6	9
80	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
79	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
78	Dawn simulation light: a potential cardiac events protector. <i>Sleep Medicine</i> , 2015 , 16, 457-61	4.6	8
77	Light: An underestimated environmental factor in sleep medicine. <i>Sleep and Biological Rhythms</i> , 2015 , 13, 111-111	1.3	2
76	Clocking in: chronobiology in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2015 , 11, 349-56	8.1	63
75	Fighting Sleep at Night: Brain Correlates and Vulnerability to Sleep Loss. <i>Annals of Neurology</i> , 2015 , 78, 235-47	9.4	11
74	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
73	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

72	Dawn simulation light impacts on different cognitive domains under sleep restriction. <i>Behavioural Brain Research</i> , 2015 , 281, 258-66	3.4	27
71	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
70	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
69	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
68	Reply to Cordi et al. <i>Current Biology</i> , 2014 , 24, R795	6.3	3
67	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
66	Light modulation of human sleep depends on a polymorphism in the clock gene <i>Period3</i> . <i>Behavioural Brain Research</i> , 2014 , 271, 23-9	3.4	27
65	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
64	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
63	Circadian and Homeostatic Regulation of Sleepiness, Cognition, and Their Neuronal Underpinnings 2014 , 43-59		1
62	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
61	Circadian and Light Effects on Human Sleepiness/Alertness 2014 , 9-22		8
60	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
59	Evidence that the lunar cycle influences human sleep. <i>Current Biology</i> , 2013 , 23, 1485-8	6.3	87
58	Acute exposure to evening blue-enriched light impacts on human sleep. <i>Journal of Sleep Research</i> , 2013 , 22, 573-80	5.8	148
57	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
56	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
55	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

54	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
53	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
52	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
51	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
50	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
49	Sleep-wake cycles and cognitive functioning in schizophrenia. <i>British Journal of Psychiatry</i> , 2011 , 198, 269-76	5.4	137
48	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
47	Acute effects of bright light exposure on cortisol levels. <i>Journal of Biological Rhythms</i> , 2010 , 25, 208-16	3.2	97
46	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
45	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
44	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
43	Homeostatic sleep pressure and responses to sustained attention in the suprachiasmatic area. <i>Science</i> , 2009 , 324, 516-9	33.3	145
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	Chronobiology, excessive daytime sleepiness and depression: Is there a link?. <i>Sleep Medicine</i> , 2009 , 10, 505-14	4.6	47
40	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
39	A time to think: circadian rhythms in human cognition. <i>Cognitive Neuropsychology</i> , 2007 , 24, 755-89	2.3	423
38	Is homeostatic sleep regulation under low sleep pressure modified by age?. <i>Sleep</i> , 2007 , 30, 781-92	1.1	37
37	Alerting effects of light. <i>Sleep Medicine Reviews</i> , 2007 , 11, 453-64	10.2	377

36	Circadian rhythms in cognitive performance: methodological constraints, protocols, theoretical underpinnings. <i>Physiology and Behavior</i> , 2007 , 90, 196-208	3.5	206
35	Encoding difficulty promotes postlearning changes in sleep spindle activity during napping. <i>Journal of Neuroscience</i> , 2006 , 26, 8976-82	6.6	170
34	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
33	Age-related changes in the circadian and homeostatic regulation of human sleep. <i>Chronobiology International</i> , 2006 , 23, 461-74	3.6	184
32	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
31	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
30	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
29	Age-related attenuation of the evening circadian arousal signal in humans. <i>Neurobiology of Aging</i> , 2005 , 26, 1307-19	5.6	101
28	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
27	Age-related changes in the circadian modulation of sleep-spindle frequency during nap sleep. <i>Sleep</i> , 2005 , 28, 1093-101	1.1	37
26	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
25	Low-dose repeated caffeine administration for circadian-phase-dependent performance degradation during extended wakefulness. <i>Sleep</i> , 2004 , 27, 374-81	1.1	147
24	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
23	Circadian modulation of sequence learning under high and low sleep pressure conditions. <i>Behavioural Brain Research</i> , 2004 , 151, 167-76	3.4	48
22	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
21	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
20	Regional differences in the circadian modulation of human sleep spindle characteristics. <i>European Journal of Neuroscience</i> , 2003 , 18, 155-63	3.5	35
19	A phase response curve to single bright light pulses in human subjects. <i>Journal of Physiology</i> , 2003 , 549, 945-52	3.9	671

18	Human sleep spindle characteristics after sleep deprivation. <i>Clinical Neurophysiology</i> , 2003 , 114, 2258-67	4.3	50
17	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
16	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
15	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
14	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
13	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
12	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
11	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
10	Daytime melatonin administration enhances sleepiness and theta/alpha activity in the waking EEG. <i>Neuroscience Letters</i> , 1996 , 207, 209-13	3.3	105
9	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
8	Heart rate dynamics during human sleep. <i>Physiology and Behavior</i> , 1994 , 55, 769-74	3.5	64
7	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
6	Sleep extension in humans: sleep stages, EEG power spectra and body temperature. <i>Sleep</i> , 1991 , 14, 294-306	1.1	53
5	Sleep and circadian phenotype in people without cone-mediated vision		3
4	Caffeine-dependent changes of sleep-wake regulation: evidence for adaptation after repeated intake		2
3	Caffeine-induced Plasticity of Grey Matter Volume in Healthy Brains: A placebo-controlled multimodal within-subject study		1
2	Depression and sleepiness: a chronobiological approach	279-291	1
1	Working Memory Performance after Daily Caffeine Intake: Compromised Performance and Reduced Hippocampal Activity		1

