

Debra Jean Skene

List of Publications by Citations

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167
papers

11,172
citations

53
h-index

103
g-index

174
ext. papers

12,997
ext. citations

4.7
avg, IF

6.32
L-index

#	Paper	IF	Citations
167	An action spectrum for melatonin suppression: evidence for a novel non-rod, non-cone photoreceptor system in humans. <i>Journal of Physiology</i> , 2001 , 535, 261-7	3.9	887
166	Measuring and using light in the melanopsin age. <i>Trends in Neurosciences</i> , 2014 , 37, 1-9	13.3	651
165	A length polymorphism in the circadian clock gene Per3 is linked to delayed sleep phase syndrome and extreme diurnal preference. <i>Sleep</i> , 2003 , 26, 413-5	1.1	579
164	Comparison between subjective and actigraphic measurement of sleep and sleep rhythms. <i>Journal of Sleep Research</i> , 1999 , 8, 175-83	5.8	453
163	Melatonin as a chronobiotic. <i>Sleep Medicine Reviews</i> , 2005 , 9, 25-39	10.2	413
162	PER3 polymorphism predicts sleep structure and waking performance. <i>Current Biology</i> , 2007 , 17, 613-8	6.3	412
161	Effect of sleep deprivation on the human metabolome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 10761-6	11.5	284
160	Circadian Rhythm and Sleep Disruption: Causes, Metabolic Consequences, and Countermeasures. <i>Endocrine Reviews</i> , 2016 , 37, 584-608	27.2	280
159	Social influences on mammalian circadian rhythms: animal and human studies. <i>Biological Reviews</i> , 2004 , 79, 533-56	13.5	254
158	Meal Timing Regulates the Human Circadian System. <i>Current Biology</i> , 2017 , 27, 1768-1775.e3	6.3	226
157	Melatonin rhythmicity: effect of age and Alzheimer's disease. <i>Experimental Gerontology</i> , 2003 , 38, 199-206	2.6	223
156	Evidence for the efficacy of melatonin in the treatment of primary adult sleep disorders. <i>Sleep Medicine Reviews</i> , 2017 , 34, 10-22	10.2	208
155	Physiology and pharmacology of melatonin in relation to biological rhythms. <i>Pharmacological Reports</i> , 2009 , 61, 383-410	3.9	205
154	Relationship between melatonin rhythms and visual loss in the blind. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 3763-70	5.6	194
153	Efficacy of melatonin treatment in jet lag, shift work, and blindness. <i>Journal of Biological Rhythms</i> , 1997 , 12, 604-17	3.2	179
152	The 3111 Clock gene polymorphism is not associated with sleep and circadian rhythmicity in phenotypically characterized human subjects. <i>Journal of Sleep Research</i> , 2002 , 11, 305-12	5.8	171
151	Women's sleep in health and disease. <i>Journal of Psychiatric Research</i> , 2005 , 39, 55-76	5.2	169

150	Nonphotic entrainment in humans?. <i>Journal of Biological Rhythms</i> , 2005 , 20, 339-52	3.2	166
149	Phase advancing human circadian rhythms with short wavelength light. <i>Neuroscience Letters</i> , 2003 , 342, 37-40	3.3	151
148	A silent polymorphism in the PER1 gene associates with extreme diurnal preference in humans. <i>Journal of Human Genetics</i> , 2006 , 51, 1122-1125	4.3	134
147	Daily rhythms of melatonin binding sites in the rat pars tuberalis and suprachiasmatic nuclei; evidence for a regulation of melatonin receptors by melatonin itself. <i>Neuroendocrinology</i> , 1993 , 57, 120-8	5.6	134
146	The effects of low-dose 0.5-mg melatonin on the free-running circadian rhythms of blind subjects. <i>Journal of Biological Rhythms</i> , 2003 , 18, 420-9	3.2	130
145	Human circadian rhythms: physiological and therapeutic relevance of light and melatonin. <i>Annals of Clinical Biochemistry</i> , 2006 , 43, 344-53	2.2	128
144	Guidelines for Genome-Scale Analysis of Biological Rhythms. <i>Journal of Biological Rhythms</i> , 2017 , 32, 380-393	3.2	127
143	A single-nucleotide polymorphism in the 5' untranslated region of the hPER2 gene is associated with diurnal preference. <i>Journal of Sleep Research</i> , 2005 , 14, 293-7	5.8	126
142	Light-induced melatonin suppression: age-related reduction in response to short wavelength light. <i>Experimental Gerontology</i> , 2005 , 40, 237-42	4.5	124
141	Alerting effects of light are sensitive to very short wavelengths. <i>Neuroscience Letters</i> , 2006 , 399, 96-100	3.3	121
140	Polymorphism in the PER3 promoter associates with diurnal preference and delayed sleep phase disorder. <i>Sleep</i> , 2010 , 33, 695-701	1.1	113
139	Visual impairment and circadian rhythm disorders. <i>Dialogues in Clinical Neuroscience</i> , 2007 , 9, 301-14	5.7	108
138	Age-related change in the association between a polymorphism in the PER3 gene and preferred timing of sleep and waking activities. <i>Journal of Sleep Research</i> , 2007 , 16, 12-6	5.8	106
137	Relationship between napping and melatonin in the blind. <i>Journal of Biological Rhythms</i> , 1997 , 12, 16-25	3.2	104
136	Circadian rhythm sleep disorders in the blind and their treatment with melatonin. <i>Sleep Medicine</i> , 2007 , 8, 651-5	4.6	103
135	Identification of human plasma metabolites exhibiting time-of-day variation using an untargeted liquid chromatography-mass spectrometry metabolomic approach. <i>Chronobiology International</i> , 2012 , 29, 868-81	3.6	95
134	Light-induced melatonin suppression in humans with polychromatic and monochromatic light. <i>Chronobiology International</i> , 2007 , 24, 1125-37	3.6	91
133	Diurnal rhythms in the human urine metabolome during sleep and total sleep deprivation. <i>Scientific Reports</i> , 2015 , 5, 14843	4.9	88

132	Age-related changes in acute and phase-advancing responses to monochromatic light. <i>Journal of Biological Rhythms</i> , 2009 , 24, 73-84	3.2	88
131	Rhythmic diurnal gene expression in human adipose tissue from individuals who are lean, overweight, and type 2 diabetic. <i>Diabetes</i> , 2011 , 60, 1577-81	0.9	87
130	Alertness, mood and performance rhythm disturbances associated with circadian sleep disorders in the blind. <i>Journal of Sleep Research</i> , 2008 , 17, 207-16	5.8	81
129	Sleep and activity rhythms are related to circadian phase in the blind. <i>Sleep</i> , 1999 , 22, 616-23	1.1	80
128	Separation of circadian- and behavior-driven metabolite rhythms in humans provides a window on peripheral oscillators and metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 7825-7830	11.5	79
127	Diurnal rhythms in blood cell populations and the effect of acute sleep deprivation in healthy young men. <i>Sleep</i> , 2012 , 35, 933-40	1.1	70
126	Short-wavelength sensitivity of the human circadian system to phase-advancing light. <i>Journal of Biological Rhythms</i> , 2005 , 20, 270-2	3.2	69
125	Optimization of light and melatonin to phase-shift human circadian rhythms. <i>Journal of Neuroendocrinology</i> , 2003 , 15, 438-41	3.8	66
124	Night-time sleep disturbance does not correlate with neuropsychiatric impairment in patients with cirrhosis. <i>Liver International</i> , 2009 , 29, 1372-82	7.9	65
123	Sleep-wake abnormalities in patients with cirrhosis. <i>Hepatology</i> , 2014 , 59, 705-12	11.2	64
122	The physiological period length of the human circadian clock in vivo is directly proportional to period in human fibroblasts. <i>PLoS ONE</i> , 2010 , 5, e13376	3.7	64
121	Daily rhythms of plasma melatonin, but not plasma leptin or leptin mRNA, vary between lean, obese and type 2 diabetic men. <i>PLoS ONE</i> , 2012 , 7, e37123	3.7	62
120	Extraocular light exposure does not suppress plasma melatonin in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3369-72	5.6	62
119	Circadian Rhythm Disorders and Melatonin Production in 127 Blind Women with and without Light Perception. <i>Journal of Biological Rhythms</i> , 2014 , 29, 215-224	3.2	61
118	Effect of sleep deprivation on rhythms of clock gene expression and melatonin in humans. <i>Chronobiology International</i> , 2013 , 30, 901-9	3.6	60
117	Standard procedures for adults in accredited sleep medicine centres in Europe. <i>Journal of Sleep Research</i> , 2012 , 21, 357-68	5.8	59
116	Effects of light on human circadian rhythms. <i>Reproduction, Nutrition, Development</i> , 1999 , 39, 295-304		59
115	Circadian variation of melatonin, light exposure, and diurnal preference in day and night shift workers of both sexes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 1176-86	4	53

114	Contribution of CYP1A2 in the hepatic metabolism of melatonin: studies with isolated microsomal preparations and liver slices. <i>Journal of Pineal Research</i> , 2001 , 31, 333-42	10.4	53
113	On the origin and the consequences of circadian abnormalities in patients with cirrhosis. <i>American Journal of Gastroenterology</i> , 2010 , 105, 1773-81	0.7	52
112	Sex differences in the circadian profiles of melatonin and cortisol in plasma and urine matrices under constant routine conditions. <i>Chronobiology International</i> , 2016 , 33, 39-50	3.6	51
111	Sleep and circadian abnormalities in patients with cirrhosis: features of delayed sleep phase syndrome?. <i>Metabolic Brain Disease</i> , 2009 , 24, 427-39	3.9	50
110	Heart rate variability and endothelial function after sleep deprivation and recovery sleep among male shift and non-shift workers. <i>Scandinavian Journal of Work, Environment and Health</i> , 2012 , 38, 171-81	4.3	49
109	The Role of Daylight for Humans: Gaps in Current Knowledge. <i>Clocks & Sleep</i> , 2020 , 2, 61-85	2.9	47
108	Disturbances in melatonin, cortisol and core body temperature rhythms after major surgery. <i>World Journal of Surgery</i> , 2007 , 31, 290-8	3.3	47
107	Increased and mistimed sex hormone production in night shift workers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 854-63	4	45
106	Predicting human nocturnal nonvisual responses to monochromatic and polychromatic light with a melanopsin photosensitivity function. <i>Chronobiology International</i> , 2010 , 27, 1762-77	3.6	45
105	Metabolic profiling of presymptomatic Huntington's disease sheep reveals novel biomarkers. <i>Scientific Reports</i> , 2017 , 7, 43030	4.9	44
104	Bigger, Brighter, Bluer-Better? Current Light-Emitting Devices - Adverse Sleep Properties and Preventative Strategies. <i>Frontiers in Public Health</i> , 2015 , 3, 233	6	43
103	60 YEARS OF NEUROENDOCRINOLOGY: Regulation of mammalian neuroendocrine physiology and rhythms by melatonin. <i>Journal of Endocrinology</i> , 2015 , 226, T187-98	4.7	42
102	Use of melatonin in the treatment of phase shift and sleep disorders. <i>Advances in Experimental Medicine and Biology</i> , 1999 , 467, 79-84	3.6	42
101	6-sulphatoxymelatonin production in breast cancer patients. <i>Journal of Pineal Research</i> , 1990 , 8, 269-76	10.4	41
100	Melatonin in circadian sleep disorders in the blind. <i>NeuroSignals</i> , 1999 , 8, 90-5	1.9	38
99	Twenty-four-hour rhythmicity of circulating metabolites: effect of body mass and type 2 diabetes. <i>FASEB Journal</i> , 2017 , 31, 5557-5567	0.9	37
98	Clinical update: melatonin and sleep disorders. <i>Clinical Medicine</i> , 2008 , 8, 381-3	1.9	36
97	Circadian regulation in human white adipose tissue revealed by transcriptome and metabolic network analysis. <i>Scientific Reports</i> , 2019 , 9, 2641	4.9	35

96	Effect of photoperiod on the diurnal melatonin and 5-methoxytryptophol rhythms in the human pineal gland. <i>Brain Research</i> , 1995 , 671, 254-60	3.7	35
95	Atherosclerotic risk and social jetlag in rotating shift-workers: first evidence from a pilot study. <i>Work</i> , 2013 , 46, 273-82	1.6	34
94	Resetting the late timing of night owls has a positive impact on mental health and performance. <i>Sleep Medicine</i> , 2019 , 60, 236-247	4.6	33
93	Differences in sleep, light, and circadian phase in offshore 18:00-06:00 h and 19:00-07:00 h shift workers. <i>Chronobiology International</i> , 2008 , 25, 225-35	3.6	33
92	A Review of Human Physiological Responses to Light: Implications for the Development of Integrative Lighting Solutions. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2018 , 14, 1-28	3.5	32
91	Effect of total sleep deprivation on postprandial metabolic and insulin responses in shift workers and non-shift workers. <i>Journal of Endocrinology</i> , 2010 , 206, 205-15	4.7	31
90	Circadian phenotype impacts the brain's resting-state functional connectivity, attentional performance, and sleepiness. <i>Sleep</i> , 2019 , 42,	1.1	31
89	Why Should We Abolish Daylight Saving Time?. <i>Journal of Biological Rhythms</i> , 2019 , 34, 227-230	3.2	30
88	Blue-Enriched Lighting for Older People Living in Care Homes: Effect on Activity, Actigraphic Sleep, Mood and Alertness. <i>Current Alzheimer Research</i> , 2017 , 14, 1053-1062	3	30
87	The effect of melatonin on sleep quality after laparoscopic cholecystectomy: a randomized, placebo-controlled trial. <i>Anesthesia and Analgesia</i> , 2009 , 108, 1152-6	3.9	29
86	Impact of sleep and circadian disturbances in urinary 6-sulphatoxymelatonin levels, on cognitive function after major surgery. <i>Journal of Pineal Research</i> , 2007 , 43, 179-84	10.4	29
85	Human nonvisual responses to simultaneous presentation of blue and red monochromatic light. <i>Journal of Biological Rhythms</i> , 2012 , 27, 70-8	3.2	27
84	A systems genetics resource and analysis of sleep regulation in the mouse. <i>PLoS Biology</i> , 2018 , 16, e2005750	3.7	26
83	Diurnal and circadian rhythms in melatonin synthesis in the turkey pineal gland and retina. <i>General and Comparative Endocrinology</i> , 2006 , 145, 162-8	3	25
82	Circadian variation in endothelial function is attenuated in postmenopausal women. <i>Maturitas</i> , 2006 , 54, 294-303	5	25
81	Evaluation of mRNA markers for estimating blood deposition time: Towards alibi testing from human forensic stains with rhythmic biomarkers. <i>Forensic Science International: Genetics</i> , 2016 , 21, 119-25	4.3	24
80	Sleep-wake patterns in patients with cirrhosis: all you need to know on a single sheet. A simple sleep questionnaire for clinical use. <i>Journal of Hepatology</i> , 2009 , 51, 690-5	13.4	24
79	Night work, light exposure and melatonin on work days and days off. <i>Chronobiology International</i> , 2017 , 34, 942-955	3.6	23

78	Effect of acute total sleep deprivation on plasma melatonin, cortisol and metabolite rhythms in females. <i>European Journal of Neuroscience</i> , 2020 , 51, 366-378	3.5	23
77	Mood, alertness, and performance in response to sleep deprivation and recovery sleep in experienced shiftworkers versus non-shiftworkers. <i>Chronobiology International</i> , 2012 , 29, 537-48	3.6	22
76	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
75	Dissecting Daily and Circadian Expression Rhythms of Clock-Controlled Genes in Human Blood. <i>Journal of Biological Rhythms</i> , 2016 , 31, 68-81	3.2	19
74	Recommendations for Healthy Daytime, Evening, and Night-Time Indoor Light Exposure		19
73	Blue-light phase shifts PER3 gene expression in human leukocytes. <i>Chronobiology International</i> , 2009 , 26, 769-79	3.6	18
72	Age-dependent alterations in human PER2 levels after early morning blue light exposure. <i>Chronobiology International</i> , 2009 , 26, 1462-9	3.6	18
71	The relevance of daylight for humans. <i>Biochemical Pharmacology</i> , 2021 , 191, 114304	6	18
70	Potential drug interactions with melatonin. <i>Physiology and Behavior</i> , 2014 , 131, 17-24	3.5	17
69	Natural light exposure, sleep and depression among day workers and shiftworkers at arctic and equatorial latitudes. <i>PLoS ONE</i> , 2015 , 10, e0122078	3.7	17
68	Changes in the 24-h plasma cortisol rhythm in patients with cirrhosis. <i>Journal of Hepatology</i> , 2011 , 54, 588-90; author reply 590-1	13.4	17
67	Returning from night shift to day life: Beneficial effects of light on sleep. <i>Sleep and Biological Rhythms</i> , 2010 , 8, 212-221	1.3	17
66	Ancestral sleep. <i>Current Biology</i> , 2016 , 26, R271-2	6.3	17
65	Measuring circadian function in bipolar disorders: Empirical and conceptual review of physiological, actigraphic, and self-report approaches. <i>Bipolar Disorders</i> , 2020 , 22, 693-710	3.8	16
64	Impact of age on human non-visual responses to light. <i>Sleep and Biological Rhythms</i> , 2010 , 8, 84-94	1.3	16
63	Noisy and individual, but doable: shift-work research in humans. <i>Progress in Brain Research</i> , 2012 , 199, 399-411	2.9	16
62	Daily variation in the concentration of melatonin and 5-methoxytryptophol in the goose pineal gland, retina, and plasma. <i>General and Comparative Endocrinology</i> , 2003 , 134, 296-302	3	16
61	Phase-shifting effects of light on the circadian rhythms of 5-methoxytryptophol and melatonin in the chick pineal gland. <i>Journal of Pineal Research</i> , 2000 , 29, 1-7	10.4	16

60	Effects of night work on sleep, cortisol and mood of female nurses, their husbands and children. <i>Sleep and Biological Rhythms</i> , 2013 , 11, 7-13	1.3	15
59	Daily light exposure profiles in older non-resident extreme morning and evening types. <i>Journal of Sleep Research</i> , 2009 , 18, 466-71	5.8	14
58	Daily variation in the concentration of 5-methoxytryptophol and melatonin in the duck pineal gland and plasma. <i>Journal of Pineal Research</i> , 2002 , 32, 214-8	10.4	14
57	Relationship between Human Pupillary Light Reflex and Circadian System Status. <i>PLoS ONE</i> , 2016 , 11, e0162476	3.7	14
56	Improving fatigue risk management in healthcare: A systematic scoping review of sleep-related/fatigue-management interventions for nurses and midwives. <i>International Journal of Nursing Studies</i> , 2020 , 106, 103513	5.8	14
55	Chronic sleep restriction in the rotenone Parkinson ^R disease model in rats reveals peripheral early-phase biomarkers. <i>Scientific Reports</i> , 2019 , 9, 1898	4.9	13
54	Benzodiazepine-induced reduction in activity mirrors decrements in cognitive and psychomotor performance. <i>Human Psychopharmacology</i> , 2008 , 23, 605-13	2.3	13
53	Suppression of melatonin biosynthesis in the chicken pineal gland by retinally perceived light - involvement of D1-dopamine receptors. <i>Journal of Pineal Research</i> , 2004 , 36, 80-6	10.4	13
52	Assessing the suitability of miRNA-142-5p and miRNA-541 for bloodstain deposition timing. <i>Forensic Science International: Genetics</i> , 2014 , 12, 181-4	4.3	12
51	Mice convert melatonin to 6-sulphatoxymelatonin. <i>General and Comparative Endocrinology</i> , 2006 , 147, 371-6	3	12
50	Catalogue of knowledge and skills for sleep medicine. <i>Journal of Sleep Research</i> , 2014 , 23, 222-38	5.8	11
49	S-cone contribution to the acute melatonin suppression response in humans. <i>Journal of Pineal Research</i> , 2021 , 71, e12719	10.4	10
48	Effect of Single and Combined Monochromatic Light on the Human Pupillary Light Response. <i>Frontiers in Neurology</i> , 2018 , 9, 1019	4.1	10
47	Morning Bright Light Treatment for Sleep-Wake Disturbances in Primary Biliary Cholangitis: A Pilot Study. <i>Frontiers in Physiology</i> , 2018 , 9, 1530	4.6	10
46	Living Without Temporal Cues: A Case Study. <i>Frontiers in Physiology</i> , 2020 , 11, 11	4.6	9
45	Dietary Patterns of Nurses on Rotational Shifts Are Marked by Redistribution of Energy into the Nightshift. <i>Nutrients</i> , 2020 , 12,	6.7	9
44	The direction of shift-work rotation impacts metabolic risk independent of chronotype and social jetlag--an exploratory pilot study. <i>Chronobiology International</i> , 2014 , 31, 1139-45	3.6	9
43	Bright times for patients with cirrhosis and delayed sleep habits: a case report on the beneficial effect of light therapy. <i>American Journal of Gastroenterology</i> , 2011 , 106, 2048-9	0.7	9

42	Distinct circadian mechanisms govern cardiac rhythms and susceptibility to arrhythmia. <i>Nature Communications</i> , 2021 , 12, 2472	17.4	9
41	Effects of physical activity at work and life-style on sleep in workers from an Amazonian Extractivist Reserve. <i>Sleep Science</i> , 2016 , 9, 289-294	1.8	9
40	Modulation of Plasma Metabolite Biomarkers of the MAPK Pathway with MEK Inhibitor RO4987655: Pharmacodynamic and Predictive Potential in Metastatic Melanoma. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 2315-2323	6.1	8
39	Daily oscillation in melatonin synthesis in the Turkey pineal gland and retina: diurnal and circadian rhythms. <i>Chronobiology International</i> , 2006 , 23, 341-50	3.6	8
38	5-Methoxytryptophol rhythms in the chick pineal gland: effect of environmental lighting conditions. <i>Neuroscience Letters</i> , 1998 , 251, 33-6	3.3	7
37	Increased plasma melatonin in presymptomatic Huntington disease sheep (<i>Ovis aries</i>): Compensatory neuroprotection in a neurodegenerative disease?. <i>Journal of Pineal Research</i> , 2020 , 68, e12624	10.4	7
36	Assessment of 6-sulfatoxymelatonin rhythms and melatonin response to light in disease states: lessons from cirrhosis. <i>Chronobiology International</i> , 2015 , 32, 187-94	3.6	6
35	Retinal illumination phase shifts the circadian rhythm of serotonin N-acetyltransferase activity in the chicken pineal gland. <i>Neuroscience Letters</i> , 2004 , 360, 153-6	3.3	6
34	Blue-Enriched White Light Improves Performance but Not Subjective Alertness and Circadian Adaptation During Three Consecutive Simulated Night Shifts. <i>Frontiers in Psychology</i> , 2020 , 11, 2172	3.4	6
33	Alerting and Circadian Effects of Short-Wavelength vs. Long-Wavelength Narrow-Bandwidth Light during a Simulated Night Shift. <i>Clocks & Sleep</i> , 2020 , 2, 502-522	2.9	6
32	Investigation of metabolites for estimating blood deposition time. <i>International Journal of Legal Medicine</i> , 2018 , 132, 25-32	3.1	6
31	Telling biological time from a blood sample: current capabilities and future potential. <i>Annals of Clinical Biochemistry</i> , 2015 , 52, 699-701	2.2	5
30	Abnormalities in the Polysomnographic, Adenosine and Metabolic Response to Sleep Deprivation in an Animal Model of Hyperammonemia. <i>Frontiers in Physiology</i> , 2017 , 8, 636	4.6	5
29	The effect of urbanization on sleep, sleep/wake routine, and metabolic health of residents in the Amazon region of Brazil. <i>Chronobiology International</i> , 2020 , 37, 1335-1343	3.6	5
28	Tick-Tock Consider the Clock: The Influence of Circadian and External Cycles on Time of Day Variation in the Human Metabolome-A Review. <i>Metabolites</i> , 2021 , 11,	5.6	5
27	Human Circadian Phenotyping and Diurnal Performance Testing in the Real World. <i>Journal of Visualized Experiments</i> , 2020 ,	1.6	4
26	Posthatching developmental changes in noradrenaline content in the chicken pineal gland. <i>Journal of Pineal Research</i> , 2005 , 38, 123-9	10.4	4
25	Sleep Disruption in Jet Lag and Other Circadian Rhythm-Related Disorders 2005 , 659-672		4

24	Exogenous melatonin decreases circadian misalignment and body weight among early types. <i>Journal of Pineal Research</i> , 2021 , 71, e12750	10.4	4
23	Melatonin suppression by melanopsin-weighted light in patients with bipolar I disorder compared to healthy controls. <i>Journal of Psychiatry and Neuroscience</i> , 2020 , 45, 79-87	4.5	3
22	The Shift-Work Accident Rate is More Related to the Shift Type than to Shift Rotation. <i>Human and Ecological Risk Assessment (HERA)</i> , 2013 , 19, 1586-1594	4.9	3
21	Melatonin rhythms in patients with cirrhosis. <i>American Journal of Gastroenterology</i> , 2010 , 105, 220-2; author reply 222	0.7	3
20	Unmasking Seasonal Cycles in Human Fertility: How holiday sex and fertility cycles shape birth seasonality		3
19	Eating Behavior (Duration, Content, and Timing) Among Workers Living under Different Levels of Urbanization. <i>Nutrients</i> , 2020 , 12,	6.7	2
18	Effects of cycloheximide and aminophylline on 5-methoxytryptophol and melatonin contents in the chick pineal gland. <i>General and Comparative Endocrinology</i> , 2000 , 120, 212-9	3	2
17	Synchrony between daily rhythms of malaria parasites and hosts is driven by an essential amino acid		2
16	Characterizing the Modern Light Environment and its Influence on Circadian Rhythms		2
15	Improving fatigue risk management in healthcare: A scoping review of sleep-related/fatigue-management interventions for nurses and midwives (reprint). <i>International Journal of Nursing Studies</i> , 2020 , 112, 103745	5.8	2
14	Characterizing the modern light environment and its influence on circadian rhythms. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210721	4.4	2
13	Metabolomics markers in Neurology: current knowledge and future perspectives for therapeutic targeting. <i>Expert Review of Neurotherapeutics</i> , 2020 , 20, 725-738	4.3	1
12	Visual Impairment and Circadian Rhythm Sleep Disorders ? 2017 ,		1
11	Metabolomic Signature of Patients With Narcolepsy. <i>Neurology</i> , 2021 ,	6.5	1
10	Timed physical exercise does not influence circadian rhythms and glucose tolerance in rotating night shift workers: The EuRhythDia study. <i>Diabetes and Vascular Disease Research</i> , 2020 , 17, 1479164120950616	3.3	1
9	Light therapy improves diurnal blood pressure control in night shift workers via reduction of catecholamines: the EuRhythDia study. <i>Journal of Hypertension</i> , 2021 , 39, 1678-1688	1.9	1
8	Temporal organisation of the brain's intrinsic motor network: The relationship with circadian phenotype and motor performance. <i>NeuroImage</i> , 2021 , 232, 117840	7.9	1
7	Synchrony between daily rhythms of malaria parasites and hosts is driven by an essential amino acid. <i>Wellcome Open Research</i> , 2021 , 6, 186	4.8	1

6	Untargeted saliva metabolomics reveals COVID-19 severity: Saliva Metabolomics for SARS-COV-2 Prognosis	1
5	Synchrony between daily rhythms of malaria parasites and hosts is driven by an essential amino acid. <i>Wellcome Open Research</i> , 6, 186	4.8 0
4	A Circadian Hygiene Education Initiative Covering the Pre-pandemic and Pandemic Period Resulted in Earlier Get-Up Times in Italian University Students: An Ecological Study.. <i>Frontiers in Neuroscience</i> , 2022, 16, 848602	5.1 0
3	Effects of Maternal Nightshift Work on Evening Energy Intake, Diet Quality and Meal Timing in the Family: An Observational Study.. <i>Nursing Reports</i> , 2021, 11, 823-831	0.8
2	The Evaluation of Sleep Quality and Melatonin in Patients with Allergic Rhinitis. <i>Nihon Bika Gakkai Kaishi (Japanese Journal of Rhinology)</i> , 2020, 59, 107-107	0.1
1	Light Perception and Melatonin Rhythms in the Blind 1999, 375-381	