

David John Kennaway

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196
papers

5,711
citations

41
h-index

61
g-index

204
ext. papers

6,358
ext. citations

4.6
avg, IF

6.07
L-index

#	Paper	IF	Citations
196	Salivary melatonin as a circadian phase marker: validation and comparison to plasma melatonin. <i>Journal of Biological Rhythms</i> , 1997 , 12, 457-66	3.2	321
195	Effect of melatonin feeding on serum prolactin and gonadotropin levels and the onset of seasonal estrous cyclicity in sheep. <i>Endocrinology</i> , 1982 , 110, 1766-72	4.8	180
194	Differential effects of light wavelength in phase advancing the melatonin rhythm. <i>Journal of Pineal Research</i> , 2004 , 36, 140-4	10.4	121
193	Development of melatonin production in infants and the impact of prematurity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992 , 75, 367-369	5.6	116
192	Metabolic homeostasis in mice with disrupted Clock gene expression in peripheral tissues. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 293, R1528-37	3.2	110
191	Urinary 6-sulfatoxymelatonin excretion and aging: new results and a critical review of the literature. <i>Journal of Pineal Research</i> , 1999 , 27, 210-20	10.4	110
190	Circadian rhythms and reproduction. <i>Reproduction</i> , 2006 , 132, 379-92	3.8	107
189	Reproductive biology of female Bmal1 null mice. <i>Reproduction</i> , 2010 , 139, 1077-90	3.8	96
188	Melatonin in mice: rhythms, response to light, adrenergic stimulation, and metabolism. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 282, R358-65	3.2	91
187	Serotonin 5-HT _{2c} agonists mimic the effect of light pulses on circadian rhythms. <i>Brain Research</i> , 1998 , 806, 257-70	3.7	90
186	Chronic phase shifts of the photoperiod throughout pregnancy programs glucose intolerance and insulin resistance in the rat. <i>PLoS ONE</i> , 2011 , 6, e18504	3.7	78
185	Effects of melatonin implants on the circadian rhythm of plasma melatonin and prolactin in sheep. <i>Endocrinology</i> , 1982 , 110, 2186-8	4.8	75
184	Behavioral Interventions for Infant Sleep Problems: A Randomized Controlled Trial. <i>Pediatrics</i> , 2016 , 137,	7.4	75
183	Factors influencing the development of melatonin rhythmicity in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 1525-1532	5.6	74
182	Evaluation of a brief treatment program of cognitive behavior therapy for insomnia in older adults. <i>Sleep</i> , 2014 , 37, 117-26	1.1	70
181	The role of circadian rhythmicity in reproduction. <i>Human Reproduction Update</i> , 2005 , 11, 91-101	15.8	69
180	Melatonin and circadian rhythms. <i>Current Topics in Medicinal Chemistry</i> , 2002 , 2, 199-209	3	67

179	Mismatch between subjective alertness and objective performance under sleep restriction is greatest during the biological night. <i>Journal of Sleep Research</i> , 2012 , 21, 40-9	5.8	64
178	Rhythmic expression of clock and clock-controlled genes in the rat oviduct. <i>Molecular Human Reproduction</i> , 2003 , 9, 503-7	4.4	60
177	Sleep, wake and phase dependent changes in neurobehavioral function under forced desynchrony. <i>Sleep</i> , 2011 , 34, 931-41	1.1	59
176	Programming of the fetal suprachiasmatic nucleus and subsequent adult rhythmicity. <i>Trends in Endocrinology and Metabolism</i> , 2002 , 13, 398-402	8.8	59
175	Circadian rhythms and fertility. <i>Molecular and Cellular Endocrinology</i> , 2012 , 349, 56-61	4.4	57
174	Reproductive performance in female Clock Delta19 mutant mice. <i>Reproduction, Fertility and Development</i> , 2004 , 16, 801-10	1.8	56
173	Global loss of bmal1 expression alters adipose tissue hormones, gene expression and glucose metabolism. <i>PLoS ONE</i> , 2013 , 8, e65255	3.7	55
172	Circadian Rhythm of Free Melatonin in Human Plasma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 1013-1015	5.6	53
171	Potential safety issues in the use of the hormone melatonin in paediatrics. <i>Journal of Paediatrics and Child Health</i> , 2015 , 51, 584-9	1.3	52
170	Characterisation of the maternal response to chronic phase shifts during gestation in the rat: implications for fetal metabolic programming. <i>PLoS ONE</i> , 2013 , 8, e53800	3.7	52
169	Circadian regulation of reproduction: from gamete to offspring. <i>Progress in Biophysics and Molecular Biology</i> , 2013 , 113, 387-97	4.7	51
168	Clock genes at the heart of depression. <i>Journal of Psychopharmacology</i> , 2010 , 24, 5-14	4.6	51
167	Efficacy of melatonin with behavioural sleep-wake scheduling for delayed sleep-wake phase disorder: A double-blind, randomised clinical trial. <i>PLoS Medicine</i> , 2018 , 15, e1002587	11.6	50
166	High-Fat Diet-Induced Obesity Ablates Gastric Vagal Afferent Circadian Rhythms. <i>Journal of Neuroscience</i> , 2016 , 36, 3199-207	6.6	49
165	Serum melatonin profiles and endocrine responses of ewes exposed to a pulse of light late in the dark phase. <i>Endocrinology</i> , 1985 , 117, 226-30	4.8	49
164	A critical review of melatonin assays: Past and present. <i>Journal of Pineal Research</i> , 2019 , 67, e12572	10.4	48
163	Immunohistochemical localization of serotonin receptors in the rat suprachiasmatic nucleus. <i>Neuroscience Letters</i> , 1999 , 271, 147-50	3.3	48
162	Ultradian and seasonal rhythms in plasma gonadotropins, prolactin, cortisol, and testosterone in pinealectomized rams. <i>Endocrinology</i> , 1981 , 108, 639-46	4.8	47

161	Simulated driving under the influence of extended wake, time of day and sleep restriction. <i>Accident Analysis and Prevention</i> , 2012 , 45 Suppl, 55-61	6.1	46
160	Circadian variation in gastric vagal afferent mechanosensitivity. <i>Journal of Neuroscience</i> , 2013 , 33, 19238-42	4.2	45
159	Timing of food intake during simulated night shift impacts glucose metabolism: A controlled study. <i>Chronobiology International</i> , 2017 , 34, 1003-1013	3.6	43
158	Prevalence of Circadian Misalignment and Its Association With Depressive Symptoms in Delayed Sleep Phase Disorder. <i>Sleep</i> , 2017 , 40,	1.1	43
157	Effects of light on melatonin production. <i>Biological Psychiatry</i> , 1987 , 22, 473-8	7.9	43
156	Patterns of progesterone, melatonin and prolactin secretion in ewes maintained in four different photoperiods. <i>Journal of Endocrinology</i> , 1983 , 97, 229-42	4.7	43
155	Melatonin content of the pineal, parietal eye and blood plasma of the lizard, <i>Trachydosaurus rugosus</i> : effect of constant and fluctuating temperature. <i>Brain Research</i> , 1987 , 404, 313-8	3.7	41
154	Sleep and circadian rhythms in mining operators: limited evidence of adaptation to night shifts. <i>Applied Ergonomics</i> , 2012 , 43, 695-701	4.2	40
153	Functional central rhythmicity and light entrainment, but not liver and muscle rhythmicity, are Clock independent. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 291, R1172-80	3.2	40
152	Plasma melatonin in the scincid lizard, <i>Trachydosaurus rugosus</i> : diel rhythm, seasonality, and the effect of constant light and constant darkness. <i>General and Comparative Endocrinology</i> , 1979 , 37, 493-500	3.0	39
151	Circulating levels of melatonin following its oral administration or subcutaneous injection in sheep and goats. <i>Australian Journal of Biological Sciences</i> , 1980 , 33, 349-53		39
150	Physiological evidence consistent with reduced neuroplasticity in human adolescents born preterm. <i>Journal of Neuroscience</i> , 2012 , 32, 16410-6	6.6	38
149	Contribution of core body temperature, prior wake time, and sleep stages to cognitive throughput performance during forced desynchrony. <i>Chronobiology International</i> , 2010 , 27, 898-910	3.6	37
148	Melatonin and activity rhythm responses to light pulses in mice with the Clock mutation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003 , 284, R1231-40	3.2	37
147	Nocturnal Melatonin Profiles in Patients with Delayed Sleep-Wake Phase Disorder and Control Sleepers. <i>Journal of Biological Rhythms</i> , 2015 , 30, 437-48	3.2	36
146	Serotonin, excitatory amino acids and the photic control of melatonin rhythms and SCN c-FOS in the rat. <i>Brain Research</i> , 2001 , 897, 36-43	3.7	36
145	Total 24-hour melatonin secretion in adolescent idiopathic scoliosis. A case-control study. <i>Spine</i> , 1998 , 23, 41-6	3.3	36
144	Serotonin agonists mimic the phase shifting effects of light on the melatonin rhythm in rats. <i>Brain Research</i> , 1996 , 737, 301-7	3.7	36

143	The influence of exogenous melatonin on the seasonal patterns of ovulation and oestrus in sheep. <i>Animal Reproduction Science</i> , 1992 , 30, 185-223	2.1	36
142	Circadian rhythms of 6-sulphatoxy melatonin, cortisol and electrolyte excretion at the summer and winter solstices in normal men and women. <i>European Journal of Endocrinology</i> , 1986 , 113, 450-6	6.5	36
141	Activation of 5-HT _{2C} receptors acutely induces Per gene expression in the rat suprachiasmatic nucleus at night. <i>Molecular Brain Research</i> , 2003 , 119, 192-200		35
140	Melatonin and development: physiology and pharmacology. <i>Seminars in Perinatology</i> , 2000 , 24, 258-66	3.3	35
139	Effect of sustained nocturnal transbuccal melatonin administration on sleep and temperature in elderly insomniacs. <i>Journal of Biological Rhythms</i> , 1998 , 13, 532-8	3.2	34
138	Neonatal adrenal function after repeat dose prenatal corticosteroids: a randomized controlled trial. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 194, 861-7	6.4	34
137	The influence of circadian phase and prior wake on neuromuscular function. <i>Chronobiology International</i> , 2010 , 27, 911-21	3.6	33
136	Evidence of high concentrations of melatonin in lateral ventricular cerebrospinal fluid of sheep. <i>Journal of Pineal Research</i> , 1989 , 6, 201-8	10.4	33
135	Comparing and contrasting therapeutic effects of cognitive-behavior therapy for older adults suffering from insomnia with short and long objective sleep duration. <i>Sleep Medicine</i> , 2016 , 22, 4-12	4.6	33
134	Effect of daytime oral melatonin administration on neurobehavioral performance in humans. <i>Journal of Pineal Research</i> , 1998 , 25, 47-53	10.4	32
133	Plasma melatonin in the horse: measurements in natural photoperiod and in acutely extended darkness throughout the year. <i>Journal of Pineal Research</i> , 1995 , 19, 7-15	10.4	32
132	Sleep in a live-in mining operation: the influence of start times and restricted non-work activities. <i>Applied Ergonomics</i> , 2010 , 42, 71-5	4.2	31
131	Four days of simulated shift work reduces insulin sensitivity in humans. <i>Acta Physiologica</i> , 2018 , 223, e13039	5.6	30
130	Neurobehavioural performance effects of daytime melatonin and temazepam administration. <i>Journal of Sleep Research</i> , 2003 , 12, 207-12	5.8	30
129	Structure-activity studies of melatonin analogues in prepubertal male rats. <i>Australian Journal of Biological Sciences</i> , 1988 , 41, 393-400		30
128	Randomised controlled trial of the efficacy of a blue-enriched light intervention to improve alertness and performance in night shift workers. <i>Occupational and Environmental Medicine</i> , 2017 , 74, 792-801	2.1	29
127	Metabolic consequences of timed feeding in mice. <i>Physiology and Behavior</i> , 2014 , 128, 188-201	3.5	29
126	Sleep restriction masks the influence of the circadian process on sleep propensity. <i>Chronobiology International</i> , 2012 , 29, 565-71	3.6	28

125	Quipazine and light have similar effects on c-fos induction in the rat suprachiasmatic nucleus. <i>Brain Research</i> , 1997 , 765, 337-42	3.7	28
124	The impact of fetal size and length of gestation on 6-sulphatoxymelatonin excretion in adult life. <i>Journal of Pineal Research</i> , 2001 , 30, 188-92	10.4	27
123	Melatonin research in mice: a review. <i>Chronobiology International</i> , 2019 , 36, 1167-1183	3.6	26
122	6-Sulfatoxymelatonin excretion and self-reported sleep in good sleeping controls and 55-80-year-old insomniacs. <i>Journal of Sleep Research</i> , 1998 , 7, 75-83	5.8	26
121	Melatonin in rat milk and the likelihood of its role in postnatal maternal entrainment of rhythms. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 282, R797-804	3.2	26
120	The relationship between 6-sulphatoxymelatonin and polysomnographic sleep in good sleeping controls and wake maintenance insomniacs, aged 55-80 years. <i>Journal of Sleep Research</i> , 1999 , 8, 57-64	5.8	26
119	Peripheral heat loss: a predictor of the hypothermic response to melatonin administration in young and older women. <i>Physiology and Behavior</i> , 1999 , 66, 365-70	3.5	26
118	SYNTHESIS AND CHEMISTRY OF MELATONIN AND OF RELATED COMPOUNDS. A REVIEW. <i>Organic Preparations and Procedures International</i> , 1995 , 27, 1-31	1.1	26
117	Melatonin binding sites: are they receptors?. <i>Molecular and Cellular Endocrinology</i> , 1992 , 88, C1-9	4.4	26
116	Effects of shortened daylength and melatonin treatment on plasma prolactin and melatonin levels in pinealectomised and sham-operated ewes. <i>Animal Reproduction Science</i> , 1983 , 5, 287-294	2.1	26
115	On the presence of melatonin in pineal glands and plasma of foetal sheep. <i>The Journal of Steroid Biochemistry</i> , 1977 , 8, 559-63		26
114	Dynamics of neurobehavioral performance variability under forced desynchrony: evidence of state instability. <i>Sleep</i> , 2011 , 34, 57-63	1.1	25
113	Time-of-day mediates the influences of extended wake and sleep restriction on simulated driving. <i>Chronobiology International</i> , 2012 , 29, 572-9	3.6	25
112	Activation of 5-HT _{2C} receptors acutely induces Per1 gene expression in the rat SCN in vitro. <i>Brain Research</i> , 2008 , 1209, 19-28	3.7	25
111	Maternal circadian rhythms and the programming of adult health and disease. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 314, R231-R241	3.2	25
110	The influence of circadian time and sleep dose on subjective fatigue ratings. <i>Accident Analysis and Prevention</i> , 2012 , 45 Suppl, 50-4	6.1	24
109	Daytime melatonin administration in elderly good and poor sleepers: effects on core body temperature and sleep latency. <i>Sleep</i> , 1997 , 20, 1135-44	1.1	24
108	Urinary 6-sulphatoxymelatonin excretory rhythms in laboratory rats: effects of photoperiod and light. <i>Brain Research</i> , 1993 , 603, 338-42	3.7	24

107	Thermoperiod and photoperiod interact to affect the phase of the plasma melatonin rhythm in the lizard, <i>Tiliqua rugosa</i> . <i>Neuroscience Letters</i> , 1989 , 106, 125-30	3.3	24
106	It's not just what you eat but when: The impact of eating a meal during simulated shift work on driving performance. <i>Chronobiology International</i> , 2017 , 34, 66-77	3.6	23
105	The pattern of melatonin secretion is rhythmic in the domestic pig and responds rapidly to changes in daylength. <i>Journal of Pineal Research</i> , 2001 , 31, 294-300	10.4	23
104	Attenuation of sleep propensity, core hypothermia, and peripheral heat loss after temazepam tolerance. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000 , 279, R1980-7	3.2	23
103	A melatonin agonist and N-acetyl-N2-formyl-5-methoxykynurenamine accelerate the reentrainment of the melatonin rhythm following a phase advance of the light-dark cycle. <i>Brain Research</i> , 1989 , 495, 349-54	3.7	23
102	Measuring melatonin by immunoassay. <i>Journal of Pineal Research</i> , 2020 , 69, e12657	10.4	23
101	Effect of constant temperatures, darkness and light on the secretion of melatonin by pineal explants and retinas in the gecko <i>Christinus marmoratus</i> . <i>Brain Research</i> , 1995 , 675, 345-8	3.7	22
100	Maternal endocrine adaptation throughout pregnancy to nutrient manipulation: consequences for sexually dimorphic programming of thyroid hormones and development of their progeny. <i>Theriogenology</i> , 2015 , 83, 604-15	2.8	21
99	The relationship between urinary melatonin metabolite excretion and posttraumatic symptoms following traumatic injury. <i>Journal of Affective Disorders</i> , 2010 , 127, 365-9	6.6	21
98	Effect of a phase advance of the light/dark cycle on pineal function and circadian running activity in individual rats. <i>Brain Research Bulletin</i> , 1994 , 33, 639-44	3.9	21
97	Pinelectomy in the chicken: a good model of scoliosis?. <i>European Spine Journal</i> , 2009 , 18, 1154-9	2.7	20
96	Nicotine phase shifts the 6-sulphatoxymelatonin rhythm and induces c-Fos in the SCN of rats. <i>Brain Research Bulletin</i> , 1999 , 48, 527-38	3.9	20
95	Plasma melatonin, luteinizing hormone, follicle-stimulating hormone, prolactin, and corticoids in two patients with pinealoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1979 , 49, 144-5	5.6	20
94	Are the proposed benefits of melatonin-rich foods too hard to swallow?. <i>Critical Reviews in Food Science and Nutrition</i> , 2017 , 57, 958-962	11.5	19
93	Sleep regularity is associated with sleep-wake and circadian timing, and mediates daytime function in Delayed Sleep-Wake Phase Disorder. <i>Sleep Medicine</i> , 2019 , 58, 93-101	4.6	19
92	Progesterone receptor-dependent regulation of genes in the oviducts of female mice. <i>Physiological Genomics</i> , 2014 , 46, 583-92	3.6	19
91	Phase delay of the rhythm of 6-sulphatoxy melatonin excretion by artificial light. <i>Journal of Pineal Research</i> , 1987 , 4, 315-20	10.4	19
90	The impact of meal timing on performance, sleepiness, gastric upset, and hunger during simulated night shift. <i>Industrial Health</i> , 2017 , 55, 423-436	2.5	18

89	Effect of NMDA receptor blockade on melatonin and activity rhythm responses to a light pulse in rats. <i>Brain Research Bulletin</i> , 1996 , 41, 351-8	3.9	18
88	The pineal gland is very large and active in newborn antarctic seals. <i>Experientia</i> , 1986 , 42, 564-6		18
87	Interindividual differences in neurobehavioral performance in response to increasing homeostatic sleep pressure. <i>Chronobiology International</i> , 2010 , 27, 922-33	3.6	17
86	Effects of protein restriction, melatonin administration, and short daylength on brain benzodiazepine receptors in prepubertal male rats. <i>Journal of Pineal Research</i> , 1988 , 5, 455-67	10.4	17
85	Effects of pinealectomy, oestradiol and melatonin on plasma prolactin and LH secretion in ovariectomized sheep. <i>Journal of Endocrinology</i> , 1984 , 102, 199-207	4.7	17
84	Subjective Hunger, Gastric Upset, and Sleepiness in Response to Altered Meal Timing during Simulated Shiftwork. <i>Nutrients</i> , 2019 , 11,	6.7	16
83	Adipokines and adipocyte function in Clock mutant mice that retain melatonin rhythmicity. <i>Obesity</i> , 2012 , 20, 295-305	8	16
82	The photophase light intensity does not affect the scotophase melatonin response in the domestic pig. <i>Animal Reproduction Science</i> , 2001 , 65, 283-90	2.1	16
81	Effects of melatonin implants in ewe lambs. <i>Reproduction</i> , 1984 , 70, 39-45	3.8	16
80	Pinealectomy delays puberty in ewe lambs. <i>Reproduction</i> , 1985 , 74, 119-25	3.8	16
79	Prenatal exposure to SKF-38393 alters the response to light of adult rats. <i>NeuroReport</i> , 2000 , 11, 1539-1541	5.1	15
78	MK-801 administration blocks the effects of a 5-HT(2A/2C) agonist on melatonin rhythmicity and c-fos induction in the suprachiasmatic nucleus. <i>Brain Research</i> , 1999 , 845, 102-6	3.7	15
77	The relative contributions of the homeostatic and circadian processes to sleep regulation under conditions of severe sleep restriction. <i>Sleep</i> , 2012 , 35, 941-8	1.1	14
76	Clarifying plasma melatonin profiles in domestic pigs: a critical and comparative evaluation of two radioimmunoassay systems. <i>Journal of Pineal Research</i> , 1997 , 22, 65-74	10.4	14
75	Maternal fluoxetine infusion does not alter fetal endocrine and biophysical circadian rhythms in pregnant sheep. <i>Journal of the Society for Gynecologic Investigation</i> , 2005 , 12, 356-64		14
74	Extraocular light exposure does not phase shift saliva melatonin rhythms in sleeping subjects. <i>Journal of Biological Rhythms</i> , 2002 , 17, 377-86	3.2	14
73	Simulated shift work disrupts maternal circadian rhythms and metabolism, and increases gestation length in sheep. <i>Journal of Physiology</i> , 2019 , 597, 1889-1904	3.9	13
72	Rapidly alternating photoperiods disrupt central and peripheral rhythmicity and decrease plasma glucose, but do not affect glucose tolerance or insulin secretion in sheep. <i>Experimental Physiology</i> , 2014 , 99, 1214-28	2.4	13

71	Effect of feeding level on luteal function and progesterone concentration in the vena cava during early pregnancy in gilts. <i>Reproduction, Fertility and Development</i> , 2013 , 25, 531-8	1.8	13
70	Melatonin rhythms in the Australian freshwater crocodile (<i>Crocodylus johnstoni</i>): a reptile lacking a pineal complex?. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010 , 180, 67-72	2.2	13
69	Light, neurotransmitters and the suprachiasmatic nucleus control of pineal melatonin production in the rat. <i>NeuroSignals</i> , 1997 , 6, 247-54	1.9	13
68	Thermoperiodic influences on plasma melatonin rhythms in the lizard <i>Tiliqua rugosa</i> : effect of thermophase duration. <i>Neuroscience Letters</i> , 1991 , 121, 139-42	3.3	13
67	Associations between number of consecutive night shifts and impairment of neurobehavioral performance during a subsequent simulated night shift. <i>Scandinavian Journal of Work, Environment and Health</i> , 2016 , 42, 217-27	4.3	13
66	The impact of prenatal circadian rhythm disruption on pregnancy outcomes and long-term metabolic health of mice progeny. <i>Chronobiology International</i> , 2016 , 33, 1171-1181	3.6	13
65	Estrogenic effects on urinary 6-sulphatoxymelatonin excretion in the female rat. <i>Journal of Pineal Research</i> , 1997 , 22, 124-9	10.4	12
64	Effect of variable temperatures, darkness and light on the secretion of melatonin by pineal explants in the gecko, <i>Christinus marmoratus</i> . <i>Brain Research</i> , 1997 , 747, 230-5	3.7	12
63	Resetting the suprachiasmatic nucleus clock. <i>Frontiers in Bioscience - Landmark</i> , 2004 , 9, 56-62	2.8	12
62	Prenatal exposure to the dopamine agonist SKF-38393 disrupts the timing of the initial response of the suprachiasmatic nucleus to light. <i>Brain Research</i> , 2000 , 858, 284-9	3.7	12
61	A fluctuation in plasma melatonin level in the Weddell seal during constant natural light. <i>Journal of Pineal Research</i> , 1986 , 3, 127-34	10.4	12
60	Circadian rhythms in patients with abdominal pain syndromes. <i>Australian and New Zealand Journal of Medicine</i> , 1988 , 18, 569-74		12
59	Short- and long-term effects of manipulation of the pineal/melatonin axis in ewes. <i>Reproduction, Nutrition, Development</i> , 1988 , 28, 399-408		12
58	Effects of melatonin implants in ram lambs. <i>Reproduction</i> , 1985 , 73, 85-91	3.8	12
57	Can the circadian phase be estimated from self-reported sleep timing in patients with Delayed Sleep Wake Phase Disorder to guide timing of chronobiologic treatment?. <i>Chronobiology International</i> , 2016 , 33, 1376-1390	3.6	12
56	Predictors of improvement in subjective sleep quality reported by older adults following group-based cognitive behavior therapy for sleep maintenance and early morning awakening insomnia. <i>Sleep Medicine</i> , 2013 , 14, 888-93	4.6	11
55	Deoxycorticosterone/Salt-Mediated Cardiac Inflammation and Fibrosis Are Dependent on Functional CLOCK Signaling in Male Mice. <i>Endocrinology</i> , 2017 , 158, 2906-2917	4.8	11
54	Ocular Measures of Sleepiness Are Increased in Night Shift Workers Undergoing a Simulated Night Shift Near the Peak Time of the 6-Sulfatoxymelatonin Rhythm. <i>Journal of Clinical Sleep Medicine</i> , 2015 , 11, 1131-41	3.1	11

53	Temporal changes in the pattern of melatonin secretion in sheep held in constant darkness. <i>Journal of Pineal Research</i> , 1990 , 8, 115-21	10.4	11
52	Altering meal timing to improve cognitive performance during simulated nightshifts. <i>Chronobiology International</i> , 2019 , 36, 1691-1713	3.6	10
51	Oocyte maturation and embryo survival in nulliparous female pigs (gilts) is improved by feeding a lupin-based high-fibre diet. <i>Reproduction, Fertility and Development</i> , 2013 , 25, 1216-23	1.8	10
50	Persistence of a plasma melatonin rhythm in constant darkness and its inhibition by constant light in the sleepy lizard, <i>Tiliqua rugosa</i> . <i>Journal of Pineal Research</i> , 2006 , 41, 15-20	10.4	10
49	Effect of stimulation of endogenous melatonin secretion during constant light exposure on 6-sulphatoxymelatonin rhythmicity in rats. <i>Journal of Pineal Research</i> , 2000 , 28, 16-25	10.4	10
48	Alterations of temperature, sleepiness, mood, and performance in residents are not associated with changes in sulfatoxymelatonin excretion. <i>Journal of Pineal Research</i> , 1988 , 5, 499-512	10.4	10
47	Radioimmunoassay of 5-methoxy tryptophol in sheep plasma and pineal glands. <i>Life Sciences</i> , 1983 , 32, 2461-9	6.8	10
46	Acute inhibition of casein kinase 1 α rapidly delays peripheral clock gene rhythms. <i>Molecular and Cellular Biochemistry</i> , 2015 , 398, 195-206	4.2	9
45	Split weaning increases the incidence of lactation oestrus in boar-exposed sows. <i>Animal Reproduction Science</i> , 2013 , 142, 48-55	2.1	9
44	Observations on the secretions of the subcommissural organ and the pineal in the adult brush-tailed possum (<i>Trichosurus vulpecula</i>). <i>Neuroendocrinology</i> , 1979 , 28, 264-72	5.6	9
43	Serotonin depletion decreases light induced c-fos in the rat suprachiasmatic nucleus. <i>NeuroReport</i> , 2000 , 11, 1021-4	1.7	8
42	The ontogeny of induction of c-fos in the rat SCN by a 5-HT(2A/2C) agonist. <i>Developmental Brain Research</i> , 2000 , 121, 229-31		8
41	The relationship between 6-sulphatoxymelatonin rhythm phase and age in self-reported good sleeping controls and sleep maintenance insomniacs aged 55-80 years. <i>Psychopharmacology</i> , 1999 , 147, 111-2	4.7	8
40	Reproductive seasonality of the bush rat (<i>Rattus fuscipes greyi</i>) South Australia. <i>Wildlife Research</i> , 1996 , 23, 317	1.8	8
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