

David John Kennaway

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5202696/david-john-kennaway-publications-by-year.pdf>

Version: 2024-04-27

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.

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	The impact of a meal, snack, or not eating during the night shift on simulated driving performance post-shift. <i>Scandinavian Journal of Work, Environment and Health</i> , 2021 , 47, 78-84	4.3	2
195	The impact of a meal, snack, or not eating during the night shift on simulated driving performance post-shift. <i>Scandinavian Journal of Work, Environment and Health</i> , 2021 , 47, 78-84	4.3	
194	Measuring morning melatonin levels with plasma melatonin ELISA kits is a poor choice on two levels. <i>Journal of Pineal Research</i> , 2021 , e12773	10.4	1
193	What do we really know about the safety and efficacy of melatonin for sleep disorders?. <i>Current Medical Research and Opinion</i> , 2021 , 1-17	2.5	0
192	Can we believe results obtained from plasma melatonin ELISA kits?. <i>Chronobiology International</i> , 2021 , 38, 616-619	3.6	1
191	Trough Melatonin Levels Have No Physiological or Clinical Relevance. <i>Clinical Psychopharmacology and Neuroscience</i> , 2021 , 19, 391-392	3.4	1
190	Light-based methods for predicting circadian phase in delayed sleep-wake phase disorder. <i>Scientific Reports</i> , 2021 , 11, 10878	4.9	4
189	A Blue-Enriched, Increased Intensity Light Intervention to Improve Alertness and Performance in Rotating Night Shift Workers in an Operational Setting. <i>Nature and Science of Sleep</i> , 2021 , 13, 647-657	3.6	4
188	Melatonin measurement in epilepsy; are the assays letting us down?. <i>Epilepsy and Behavior</i> , 2021 , 114, 107594	3.2	1
187	Melatonin insufficiency in the follicular fluid of aged mice; is it real?. <i>Redox Biology</i> , 2021 , 38, 101829	11.3	1
186	Simulated shift work during pregnancy does not impair progeny metabolic outcomes in sheep. <i>Journal of Physiology</i> , 2020 , 598, 5807-5819	3.9	1
185	A PERIOD3 variable number tandem repeat polymorphism modulates melatonin treatment response in delayed sleep-wake phase disorder. <i>Journal of Pineal Research</i> , 2020 , 69, e12684	10.4	3
184	Melatonin rich foods in our diet: food for thought or wishful thinking?. <i>Food and Function</i> , 2020 , 11, 9359-9369	1	1
183	Measuring melatonin by immunoassay. <i>Journal of Pineal Research</i> , 2020 , 69, e12657	10.4	23
182	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
181	Melatonin research in mice: a review. <i>Chronobiology International</i> , 2019 , 36, 1167-1183	3.6	26
180	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

179	A critical review of melatonin assays: Past and present. <i>Journal of Pineal Research</i> , 2019 , 67, e12572	10.4	48
178	How much is left in your "sleep tank"? Proof of concept for a simple model for sleep history feedback. <i>Accident Analysis and Prevention</i> , 2019 , 126, 177-183	6.1	3
177	Subjective Hunger, Gastric Upset, and Sleepiness in Response to Altered Meal Timing during Simulated Shiftwork. <i>Nutrients</i> , 2019 , 11,	6.7	16
176	Altering meal timing to improve cognitive performance during simulated nightshifts. <i>Chronobiology International</i> , 2019 , 36, 1691-1713	3.6	10
175	Melatonin-Deficient Balb/c Mice and Their Use in Cancer Research. <i>Cancer Control</i> , 2019 , 26, 1073274819886825	11.6	50
174	Four days of simulated shift work reduces insulin sensitivity in humans. <i>Acta Physiologica</i> , 2018 , 223, e13039	5.6	30
173	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
172	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
171	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
170	Pitfalls in saliva melatonin measurement. <i>Chronobiology International</i> , 2017 , 34, 297-299	3.6	2
169	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
168	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
167	Prevalence of Circadian Misalignment and Its Association With Depressive Symptoms in Delayed Sleep Phase Disorder. <i>Sleep</i> , 2017 , 40,	1.1	43
166	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
165	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
164	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
163	High-Fat Diet-Induced Obesity Ablates Gastric Vagal Afferent Circadian Rhythms. <i>Journal of Neuroscience</i> , 2016 , 36, 3199-207	6.6	49
162	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

161	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
160	Behavioral Interventions for Infant Sleep Problems: A Randomized Controlled Trial. <i>Pediatrics</i> , 2016 , 137,	7.4	75
159	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
158	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
157	Effects of space allocation and parity on selected physiological and behavioural measures of well-being and reproductive performance in group-housed gestating sows. <i>Livestock Science</i> , 2015 , 176, 161-165	1.7	1
156	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
155	Melatonin implants do not alter estrogen feedback or advance puberty in gilts. <i>Animal Reproduction Science</i> , 2015 , 156, 13-22	2.1	4
154	Paediatric use of melatonin. <i>European Journal of Paediatric Neurology</i> , 2015 , 19, 489-90	3.8	5
153	Acute inhibition of casein kinase 1 γ rapidly delays peripheral clock gene rhythms. <i>Molecular and Cellular Biochemistry</i> , 2015 , 398, 195-206	4.2	9
152	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
151	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
150	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
149	The effects of season and moderate nutritional restriction on ovarian function and oocyte nuclear maturation in cycling gilts. <i>Theriogenology</i> , 2014 , 82, 1303-9	2.8	2
148	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
147	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
146	Light at night, melatonin and breast cancer. <i>Chronobiology International</i> , 2014 , 31, 297-8	3.6	2
145	Progesterone receptor-dependent regulation of genes in the oviducts of female mice. <i>Physiological Genomics</i> , 2014 , 46, 583-92	3.6	19
144	Metabolic consequences of timed feeding in mice. <i>Physiology and Behavior</i> , 2014 , 128, 188-201	3.5	29

143	Boar contact is an effective stimulant of ovulation during early lactation. <i>Livestock Science</i> , 2013 , 155, 454-458	1.7	6
142	Circadian regulation of reproduction: from gamete to offspring. <i>Progress in Biophysics and Molecular Biology</i> , 2013 , 113, 387-97	4.7	51
141	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
140	Split weaning increases the incidence of lactation oestrus in boar-exposed sows. <i>Animal Reproduction Science</i> , 2013 , 142, 48-55	2.1	9
139	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
138	Circadian variation in gastric vagal afferent mechanosensitivity. <i>Journal of Neuroscience</i> , 2013 , 33, 19238-42	4.2	45
137	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
136	Global loss of bmal1 expression alters adipose tissue hormones, gene expression and glucose metabolism. <i>PLoS ONE</i> , 2013 , 8, e65255	3.7	55
135	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
134	Circadian rhythms and fertility. <i>Molecular and Cellular Endocrinology</i> , 2012 , 349, 56-61	4.4	57
133	Sleep restriction masks the influence of the circadian process on sleep propensity. <i>Chronobiology International</i> , 2012 , 29, 565-71	3.6	28
132	Physiological evidence consistent with reduced neuroplasticity in human adolescents born preterm. <i>Journal of Neuroscience</i> , 2012 , 32, 16410-6	6.6	38
131	Adipokines and adipocyte function in Clock mutant mice that retain melatonin rhythmicity. <i>Obesity</i> , 2012 , 20, 295-305	8	16
130	MDMA induces Per1, Per2 and c-fos gene expression in rat suprachiasmatic nuclei. <i>Psychopharmacology</i> , 2012 , 220, 835-43	4.7	2
129	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
128	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
127	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
126	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

125	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
124	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
123	Dynamics of neurobehavioral performance variability under forced desynchrony: evidence of state instability. <i>Sleep</i> , 2011 , 34, 57-63	1.1	25
122	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
121	Sleep, wake and phase dependent changes in neurobehavioral function under forced desynchrony. <i>Sleep</i> , 2011 , 34, 931-41	1.1	59
120	The influence of circadian phase and prior wake on neuromuscular function. <i>Chronobiology International</i> , 2010 , 27, 911-21	3.6	33
119	Reproductive biology of female Bmal1 null mice. <i>Reproduction</i> , 2010 , 139, 1077-90	3.8	96
118	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
117	Interindividual differences in neurobehavioral performance in response to increasing homeostatic sleep pressure. <i>Chronobiology International</i> , 2010 , 27, 922-33	3.6	17
116	Clock genes at the heart of depression. <i>Journal of Psychopharmacology</i> , 2010 , 24, 5-14	4.6	51
115	Re: "salivary and gingival crevicular fluid melatonin in periodontal health and disease". <i>Journal of Periodontology</i> , 2010 , 81, 1102; author reply 1102-3	4.6	2
114	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
113	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
112	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
111	Pinealectomy in the chicken: a good model of scoliosis?. <i>European Spine Journal</i> , 2009 , 18, 1154-9	2.7	20
110	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
109	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
108	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

107	Circadian rhythms and reproduction. <i>Reproduction</i> , 2006 , 132, 379-92	3.8	107
106	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
105	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
104	The role of circadian rhythmicity in reproduction. <i>Human Reproduction Update</i> , 2005 , 11, 91-101	15.8	69
103	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
102	Resetting the suprachiasmatic nucleus clock. <i>Frontiers in Bioscience - Landmark</i> , 2004 , 9, 56-62	2.8	12
101	Differential effects of light wavelength in phase advancing the melatonin rhythm. <i>Journal of Pineal Research</i> , 2004 , 36, 140-4	10.4	121
100	Reproductive performance in female Clock Delta19 mutant mice. <i>Reproduction, Fertility and Development</i> , 2004 , 16, 801-10	1.8	56
99	Rhythmic expression of clock and clock-controlled genes in the rat oviduct. <i>Molecular Human Reproduction</i> , 2003 , 9, 503-7	4.4	60
98	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
97	Neurobehavioural performance effects of daytime melatonin and temazepam administration. <i>Journal of Sleep Research</i> , 2003 , 12, 207-12	5.8	30
96	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
95	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
94	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
93	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
92	Programming of the fetal suprachiasmatic nucleus and subsequent adult rhythmicity. <i>Trends in Endocrinology and Metabolism</i> , 2002 , 13, 398-402	8.8	59
91	Melatonin and circadian rhythms. <i>Current Topics in Medicinal Chemistry</i> , 2002 , 2, 199-209	3	67
90	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

89	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
88	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
87	Phase response relationships between light pulses and the melatonin rhythm in rats. <i>Journal of Biological Rhythms</i> , 2001 , 16, 234-42	3.2	5
86	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
85	Prenatal exposure to SKF-38393 alters the response to light of adult rats. <i>NeuroReport</i> , 2000 , 11, 1539-1541	1.7	15
84	Serotonin depletion decreases light induced c-fos in the rat suprachiasmatic nucleus. <i>NeuroReport</i> , 2000 , 11, 1021-4	1.7	8
83	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
82	Melatonin and development: physiology and pharmacology. <i>Seminars in Perinatology</i> , 2000 , 24, 258-66	3.3	35
81	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
80	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
79	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
78	Cause of idiopathic scoliosis. <i>Spine</i> , 2000 , 25, 2552-3	3.3	6
77	Thermoregulatory and soporific effects of very low dose melatonin injection. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 276, E249-54	6	6
76	Emergence of altered circadian timing in a cholinergically supersensitive rat line. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999 , 277, R1171-8	3.2	3
75	Thermocyclic entrainment of lizard blood plasma melatonin rhythms in constant and cyclic photic environments. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999 , 277, R1620-6	3.2	7
74	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
73	A method of achieving physiological plasma levels of melatonin in the chicken by oral administration. <i>Journal of Pineal Research</i> , 1999 , 27, 129-38	10.4	6
72	Urinary 6-sulphatoxymelatonin 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

71	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
70	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
69	Immunohistochemical localization of serotonin receptors in the rat suprachiasmatic nucleus. <i>Neuroscience Letters</i> , 1999 , 271, 147-50	3.3	48
68	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
67	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
66	Generation and entrainment of circadian rhythms. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1998 , 25, 862-5	3	5
65	Effect of daytime oral melatonin administration on neurobehavioral performance in humans. <i>Journal of Pineal Research</i> , 1998 , 25, 47-53	10.4	32
64	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
63	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
62	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
61	Total 24-hour melatonin secretion in adolescent idiopathic scoliosis. A case-control study. <i>Spine</i> , 1998 , 23, 41-6	3.3	36
60	Effects of daytime melatonin infusion in young adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998 , 275, E19-26	6	4
59	Circadian Rhythm of Free Melatonin in Human Plasma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 1013-1015	5.6	53
58	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
57	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
56	Light, neurotransmitters and the suprachiasmatic nucleus control of pineal melatonin production in the rat. <i>NeuroSignals</i> , 1997 , 6, 247-54	1.9	13
55	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
54	Controlled-release melatonin implants delay puberty in rats without altering melatonin rhythmicity. <i>Journal of Pineal Research</i> , 1997 , 22, 107-16	10.4	7

53	Estrogenic effects on urinary 6-sulphatoxymelatonin excretion in the female rat. <i>Journal of Pineal Research</i> , 1997 , 22, 124-9	10.4	12
52	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
51	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
50	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
49	Reproductive seasonality of the bush rat (<i>Rattus fuscipes greyi</i>) South Australia. <i>Wildlife Research</i> , 1996 , 23, 317	1.8	8
48	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
47	Factors influencing the development of melatonin rhythmicity in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 1525-1532	5.6	74
46	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
45	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
44	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
43	Characterization of the chicken brain melatonin-binding protein using iodinated and tritiated ligands. <i>Journal of Pineal Research</i> , 1994 , 17, 137-48	10.4	5
42	Plasma melatonin concentration in neonatal northern elephant seals, <i>Mirounga angustirostris</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1994 , 109, 895-904		2
41	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
40	Urinary 6-sulphatoxymelatonin excretory rhythms in laboratory rats: effects of photoperiod and light. <i>Brain Research</i> , 1993 , 603, 338-42	3.7	24
39	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
38	Mechanisms of action of melatonin within the central nervous system. <i>Animal Reproduction Science</i> , 1992 , 30, 45-65	2.1	8
37	Melatonin binding sites: are they receptors?. <i>Molecular and Cellular Endocrinology</i> , 1992 , 88, C1-9	4.4	26
36	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

35	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
34	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
33	Mechanisms controlling the offset of melatonin secretion in the ewe. <i>Journal of Pineal Research</i> , 1990 , 8, 49-56	10.4	5
32	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
31	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
30	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
29	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
28	Effects of prior exposure to prolonged continuous light on the pattern of melatonin secretion in sheep held under continuous darkness. <i>Journal of Pineal Research</i> , 1988 , 5, 469-77	10.4	6
27	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
26	Circadian rhythms in patients with abdominal pain syndromes. <i>Australian and New Zealand Journal of Medicine</i> , 1988 , 18, 569-74		12
25	Short- and long-term effects of manipulation of the pineal/melatonin axis in ewes. <i>Reproduction, Nutrition, Development</i> , 1988 , 28, 399-408		12
24	Structure-activity studies of melatonin analogues in prepubertal male rats. <i>Australian Journal of Biological Sciences</i> , 1988 , 41, 393-400		30
23	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
22	Effects of light on melatonin production. <i>Biological Psychiatry</i> , 1987 , 22, 473-8	7.9	43
21	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
20	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
19	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
18	The pineal gland is very large and active in newborn antarctic seals. <i>Experientia</i> , 1986 , 42, 564-6		18

17	Prolactin response in Border-Leicester x merino ewes to administration of melatonin, melatonin analogues, a melatonin metabolite and 6-methoxybenzoxazolinone. <i>Australian Journal of Biological Sciences</i> , 1986 , 39, 427-33		8
16	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
15	Effects of melatonin implants in ram lambs. <i>Reproduction</i> , 1985 , 73, 85-91	3.8	12
14	Pinealectomy delays puberty in ewe lambs. <i>Reproduction</i> , 1985 , 74, 119-25	3.8	16
13	Effects of melatonin implants in ewe lambs. <i>Reproduction</i> , 1984 , 70, 39-45	3.8	16
12	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
11	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
10	Radioimmunoassay of 5-methoxy tryptophol in sheep plasma and pineal glands. <i>Life Sciences</i> , 1983 , 32, 2461-9	6.8	10
9	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
8	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
7	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
6	Ultradian and seasonal rhythms in plasma gonadotropins, prolactin, cortisol, and testosterone in pinealectomized rams. <i>Endocrinology</i> , 1981 , 108, 639-46	4.8	47
5	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
4	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		39
3	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
2	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
1	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