

David John Kennaway

List of Publications by Year in descending order

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200
papers

7,114
citations

50244

46
h-index

88593

70
g-index

204
all docs

204
docs citations

204
times ranked

5752
citing authors

#	ARTICLE	IF	CITATIONS
1	Salivary Melatonin as a Circadian Phase Marker: Validation and Comparison to Plasma Melatonin. <i>Journal of Biological Rhythms</i> , 1997, 12, 457-466.	1.4	388
2	Effect of Melatonin Feeding on Serum Prolactin and Gonadotropin Levels and the Onset of Seasonal Estrous Cyclicity in Sheep*. <i>Endocrinology</i> , 1982, 110, 1766-1772.	1.4	208
3	Differential effects of light wavelength in phase advancing the melatonin rhythm. <i>Journal of Pineal Research</i> , 2004, 36, 140-144.	3.4	148
4	Development of melatonin production in infants and the impact of prematurity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992, 75, 367-369.	1.8	134
5	Urinary 6-sulfatoxymelatonin excretion and aging: New results and a critical review of the literature. <i>Journal of Pineal Research</i> , 1999, 27, 210-220.	3.4	128
6	Circadian rhythms and reproduction. <i>Reproduction</i> , 2006, 132, 379-392.	1.1	123
7	Metabolic homeostasis in mice with disrupted <i>Clock</i> gene expression in peripheral tissues. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1528-R1537.	0.9	120
8	Reproductive biology of female <i>Bmal1</i> null mice. <i>Reproduction</i> , 2010, 139, 1077-1090.	1.1	118
9	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-R365.	0.9	112
10	Chronic Phase Shifts of the Photoperiod throughout Pregnancy Programs Glucose Intolerance and Insulin Resistance in the Rat. <i>PLoS ONE</i> , 2011, 6, e18504.	1.1	110
11	Behavioral Interventions for Infant Sleep Problems: A Randomized Controlled Trial. <i>Pediatrics</i> , 2016, 137, .	1.0	101
12	Serotonin 5-HT _{2c} agonists mimic the effect of light pulses on circadian rhythms. <i>Brain Research</i> , 1998, 806, 257-270.	1.1	95
13	A critical review of melatonin assays: Past and present. <i>Journal of Pineal Research</i> , 2019, 67, e12572.	3.4	94
14	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.	3.9	92
15	The role of circadian rhythmicity in reproduction. <i>Human Reproduction Update</i> , 2005, 11, 91-101.	5.2	86
16	Evaluation of a Brief Treatment Program of Cognitive Behavior Therapy for Insomnia in Older Adults. <i>Sleep</i> , 2014, 37, 117-126.	0.6	86
17	Melatonin and Circadian Rhythms. <i>Current Topics in Medicinal Chemistry</i> , 2002, 2, 199-209.	1.0	82
18	EFFECTS OF MELATONIN IMPLANTS ON THE CIRCADIAN RHYTHM OF PLASMA MELATONIN AND PROLACTIN IN SHEEP.. <i>Endocrinology</i> , 1982, 110, 2186-2188.	1.4	81

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19	Mismatch between subjective alertness and objective performance under sleep restriction is greatest during the biological night. <i>Journal of Sleep Research</i> , 2012, 21, 40-49.	1.7	81
20	Factors influencing the development of melatonin rhythmicity in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996, 81, 1525-1532.	1.8	81
21	Circadian rhythms and fertility. <i>Molecular and Cellular Endocrinology</i> , 2012, 349, 56-61.	1.6	75
22	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.	1.1	71
23	Sleep, Wake and Phase Dependent Changes in Neurobehavioral Function under Forced Desynchrony. <i>Sleep</i> , 2011, 34, 931-41.	0.6	70
24	Programming of the fetal suprachiasmatic nucleus and subsequent adult rhythmicity. <i>Trends in Endocrinology and Metabolism</i> , 2002, 13, 398-402.	3.1	69
25	Timing of food intake during simulated night shift impacts glucose metabolism: A controlled study. <i>Chronobiology International</i> , 2017, 34, 1003-1013.	0.9	69
26	Prevalence of Circadian Misalignment and Its Association With Depressive Symptoms in Delayed Sleep Phase Disorder. <i>Sleep</i> , 2017, 40, .	0.6	69
27	Potential safety issues in the use of the hormone melatonin in paediatrics. <i>Journal of Paediatrics and Child Health</i> , 2015, 51, 584-589.	0.4	68
28	Circadian regulation of reproduction: From gamete to offspring. <i>Progress in Biophysics and Molecular Biology</i> , 2013, 113, 387-397.	1.4	67
29	Global Loss of Bmal1 Expression Alters Adipose Tissue Hormones, Gene Expression and Glucose Metabolism. <i>PLoS ONE</i> , 2013, 8, e65255.	1.1	67
30	Rhythmic expression of clock and clock-controlled genes in the rat oviduct. <i>Molecular Human Reproduction</i> , 2003, 9, 503-507.	1.3	64
31	Reproductive performance in female Clock ^{fl¹⁹} mutant mice. <i>Reproduction, Fertility and Development</i> , 2004, 16, 801.	0.1	62
32	Review: Clock genes at the heart of depression. <i>Journal of Psychopharmacology</i> , 2010, 24, 5-14.	2.0	59
33	Circadian Rhythm of Free Melatonin in Human Plasma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 1013-1015.	1.8	59
34	Circadian Variation in Gastric Vagal Afferent Mechanosensitivity. <i>Journal of Neuroscience</i> , 2013, 33, 19238-19242.	1.7	58
35	Ultradian and Seasonal Rhythms in Plasma Gonadotropins, Prolactin, Cortisol, and Testosterone in Pinealectomized Rams*. <i>Endocrinology</i> , 1981, 108, 639-646.	1.4	57
36	Measuring melatonin by immunoassay. <i>Journal of Pineal Research</i> , 2020, 69, e12657.	3.4	57

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37	Patterns of progesterone, melatonin and prolactin secretion in ewes maintained in four different photoperiods. <i>Journal of Endocrinology</i> , 1983, 97, 229-242.	1.2	56
38	High-Fat Diet-Induced Obesity Ablates Gastric Vagal Afferent Circadian Rhythms. <i>Journal of Neuroscience</i> , 2016, 36, 3199-3207.	1.7	56
39	Nocturnal Melatonin Profiles in Patients with Delayed Sleep-Wake Phase Disorder and Control Sleepers. <i>Journal of Biological Rhythms</i> , 2015, 30, 437-448.	1.4	54
40	Melatonin research in mice: a review. <i>Chronobiology International</i> , 2019, 36, 1167-1183.	0.9	54
41	Simulated driving under the influence of extended wake, time of day and sleep restriction. <i>Accident Analysis and Prevention</i> , 2012, 45, 55-61.	3.0	53
42	Serum Melatonin Profiles and Endocrine Responses of Ewes Exposed to a Pulse of Light Late in the Dark Phase*. <i>Endocrinology</i> , 1985, 117, 226-230.	1.4	52
43	Effects of light on melatonin production. <i>Biological Psychiatry</i> , 1987, 22, 473-478.	0.7	52
44	Sleep and circadian rhythms in mining operators: Limited evidence of adaptation to night shifts. <i>Applied Ergonomics</i> , 2012, 43, 695-701.	1.7	51
45	Immunohistochemical localization of serotonin receptors in the rat suprachiasmatic nucleus. <i>Neuroscience Letters</i> , 1999, 271, 147-150.	1.0	50
46	Four days of simulated shift work reduces insulin sensitivity in humans. <i>Acta Physiologica</i> , 2018, 223, e13039.	1.8	48
47	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.	0.9	48
48	Effect of Sustained Nocturnal Transbuccal Melatonin Administration on Sleep and Temperature in Elderly Insomniacs. <i>Journal of Biological Rhythms</i> , 1998, 13, 532-538.	1.4	47
49	Total 24-Hour Melatonin Secretion in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 1998, 23, 41-46.	1.0	47
50	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.	0.5	46
51	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.	0.8	46
52	Melatonin and development: Physiology and pharmacology. <i>Seminars in Perinatology</i> , 2000, 24, 258-266.	1.1	45
53	Physiological Evidence Consistent with Reduced Neuroplasticity in Human Adolescents Born Preterm. <i>Journal of Neuroscience</i> , 2012, 32, 16410-16416.	1.7	44
54	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, 313-318.	1.1	42

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55	The influence of exogenous melatonin on the seasonal patterns of ovulation and oestrus in sheep. <i>Animal Reproduction Science</i> , 1992, 30, 185-223.	0.5	42
56	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-R1240.	0.9	42
57	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.	0.8	41
58	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, 450-456.	1.9	41
59	Neonatal adrenal function after repeat dose prenatal corticosteroids: A randomized controlled trial. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 194, 861-867.	0.7	41
60	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-R1180.	0.9	41
61	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.	0.9	41
62	Sleep in a live-in mining operation: The influence of start times and restricted non-work activities. <i>Applied Ergonomics</i> , 2010, 42, 71-75.	1.7	40
63	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.	3.4	39
64	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.	1.3	39
65	Effect of daytime oral melatonin administration on neurobehavioral performance in humans. <i>Journal of Pineal Research</i> , 1998, 25, 47-53.	3.4	38
66	THE INFLUENCE OF CIRCADIAN PHASE AND PRIOR WAKE ON NEUROMUSCULAR FUNCTION. <i>Chronobiology International</i> , 2010, 27, 911-921.	0.9	38
67	Serotonin agonists mimic the phase shifting effects of light on the melatonin rhythm in rats ¹¹ Some aspects of this study have been presented in abstract form in <i>Physiologist</i> 38, A-24 (1995).. <i>Brain Research</i> , 1996, 737, 301-307.	1.1	37
68	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.	1.1	37
69	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.	2.5	37
70	Evidence of High Concentrations of Melatonin in Lateral Ventricular Cerebrospinal Fluid of Sheep. <i>Journal of Pineal Research</i> , 1989, 6, 201-208.	3.4	36
71	Neurobehavioural performance effects of daytime melatonin and temazepam administration. <i>Journal of Sleep Research</i> , 2003, 12, 207-212.	1.7	36
72	Simulated shift work disrupts maternal circadian rhythms and metabolism, and increases gestation length in sheep. <i>Journal of Physiology</i> , 2019, 597, 1889-1904.	1.3	36

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73	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.	0.8	34
74	Sleep Restriction Masks the Influence of the Circadian Process on Sleep Propensity. <i>Chronobiology International</i> , 2012, 29, 565-571.	0.9	33
75	Structure-Activity Studies of Melatonin Analogues in Prepubertal Male Rats. <i>Australian Journal of Biological Sciences</i> , 1988, 41, 393.	0.5	32
76	SYNTHESIS AND CHEMISTRY OF MELATONIN AND OF RELATED COMPOUNDS. A REVIEW. <i>Organic Preparations and Procedures International</i> , 1995, 27, 1-31.	0.6	32
77	The impact of fetal size and length of gestation on 6-sulphatoxymelatonin excretion in adult life. <i>Journal of Pineal Research</i> , 2001, 30, 188-192.	3.4	32
78	The relationship between urinary melatonin metabolite excretion and posttraumatic symptoms following traumatic injury. <i>Journal of Affective Disorders</i> , 2010, 127, 365-369.	2.0	32
79	Dynamics of Neurobehavioral Performance Variability Under Forced Desynchrony: Evidence of State Instability. <i>Sleep</i> , 2011, 34, 57-63.	0.6	32
80	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.	0.9	32
81	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.	1.7	31
82	Metabolic consequences of timed feeding in mice. <i>Physiology and Behavior</i> , 2014, 128, 188-201.	1.0	31
83	Daytime Melatonin Administration in Elderly Good and Poor Sleepers: Effects on Core Body Temperature and Sleep Latency. <i>Sleep</i> , 1997, 20, 1135-1144.	0.6	30
84	6-Sulphatoxymelatonin 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.	1.7	30
85	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.	3.4	30
86	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-R804.	0.9	30
87	Progesterone receptor-dependent regulation of genes in the oviducts of female mice. <i>Physiological Genomics</i> , 2014, 46, 583-592.	1.0	30
88	Melatonin binding sites: Are they receptors?. <i>Molecular and Cellular Endocrinology</i> , 1992, 88, C1-C9.	1.6	29
89	Quipazine and light have similar effects on c-fos induction in the rat suprachiasmatic nucleus. Some aspects of this study have been presented in abstract form in Society for Neuroscience, Vol. 22 (1996) Abstr. 551.13.1. <i>Brain Research</i> , 1997, 765, 337-342.	1.1	29
90	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.	1.1	29

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91	On the presence of melatonin in pineal glands and plasma of foetal sheep. <i>The Journal of Steroid Biochemistry</i> , 1977, 8, 559-563.	1.3	28
92	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.	0.5	28
93	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-R1987.	0.9	28
94	Time-of-Day Mediates the Influences of Extended Wake and Sleep Restriction on Simulated Driving. <i>Chronobiology International</i> , 2012, 29, 572-579.	0.9	28
95	The influence of circadian time and sleep dose on subjective fatigue ratings. <i>Accident Analysis and Prevention</i> , 2012, 45, 50-54.	3.0	28
96	The impact of meal timing on performance, sleepiness, gastric upset, and hunger during simulated night shift. <i>Industrial Health</i> , 2017, 55, 423-436.	0.4	28
97	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, 144-145.	1.8	27
98	Effects of melatonin implants in ewe lambs. <i>Reproduction</i> , 1984, 70, 39-45.	1.1	27
99	Pinealectomy in the chicken: a good model of scoliosis?. <i>European Spine Journal</i> , 2009, 18, 1154-1159.	1.0	27
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, 604-615.	0.9	27
101	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, 125-130.	1.0	26
102	Peripheral Heat Loss. <i>Physiology and Behavior</i> , 1999, 66, 365-370.	1.0	26
103	Subjective Hunger, Gastric Upset, and Sleepiness in Response to Altered Meal Timing during Simulated Shiftwork. <i>Nutrients</i> , 2019, 11, 1352.	1.7	26
104	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, 349-354.	1.1	25
105	Urinary 6-sulphatoxymelatonin excretory rhythms in laboratory rats: effects of photoperiod and light. <i>Brain Research</i> , 1993, 603, 338-342.	1.1	25
106	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, 345-348.	1.1	25
107	Nicotine phase shifts the 6-sulphatoxymelatonin rhythm and induces c-Fos in the SCN of rats. <i>Brain Research Bulletin</i> , 1999, 48, 527-538.	1.4	24
108	Pinealectomy delays puberty in ewe lambs. <i>Reproduction</i> , 1985, 74, 119-125.	1.1	23

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109	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.	5.4	23
110	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.	0.9	22
111	Phase Delay of the Rhythm of 6-Sulphatoxy Melatonin Excretion by Artificial Light. <i>Journal of Pineal Research</i> , 1987, 4, 315-320.	3.4	21
112	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, 639-644.	1.4	21
113	The photophase light intensity does not affect the scotophase melatonin response in the domestic pig. <i>Animal Reproduction Science</i> , 2001, 65, 283-290.	0.5	21
114	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, Volume 13, 647-657.	1.4	21
115	The pineal gland is very large and active in newborn antarctic seals. <i>Experientia</i> , 1986, 42, 564-566.	1.2	20
116	Altering meal timing to improve cognitive performance during simulated nightshifts. <i>Chronobiology International</i> , 2019, 36, 1691-1713.	0.9	20
117	Effects of pinealectomy, oestradiol and melatonin on plasma prolactin and LH secretion in ovariectomized sheep. <i>Journal of Endocrinology</i> , 1984, 102, 199-207.	1.2	19
118	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, 455-467.	3.4	19
119	Thermoregulatory and soporific effects of very low dose melatonin injection. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 276, E249-E254.	1.8	19
120	Adipokines and Adipocyte Function in <i>Clock</i> Mutant Mice That Retain Melatonin Rhythmicity. <i>Obesity</i> , 2012, 20, 295-305.	1.5	19
121	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.	0.1	19
122	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, 1214-1228.	0.9	19
123	Effect of NMDA Receptor Blockade on Melatonin and Activity Rhythm Responses to a Light Pulse in Rats. <i>Brain Research Bulletin</i> , 1996, 41, 351-358.	1.4	18
124	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.	0.9	18
125	Deoxycorticosterone/Salt-Mediated Cardiac Inflammation and Fibrosis Are Dependent on Functional CLOCK Signaling in Male Mice. <i>Endocrinology</i> , 2017, 158, 2906-2917.	1.4	18
126	Extraocular Light Exposure Does Not Phase Shift Saliva Melatonin Rhythms in Sleeping Subjects. <i>Journal of Biological Rhythms</i> , 2002, 17, 377-386.	1.4	17

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127	INTERINDIVIDUAL DIFFERENCES IN NEUROBEHAVIORAL PERFORMANCE IN RESPONSE TO INCREASING HOMEOSTATIC SLEEP PRESSURE. <i>Chronobiology International</i> , 2010, 27, 922-933.	0.9	17
128	CIRCADIAN RHYTHMS IN PATIENTS WITH ABDOMINAL PAIN SYNDROMES. <i>Australian and New Zealand Journal of Medicine</i> , 1988, 18, 569-574.	0.5	16
129	Light, Neurotransmitters and the Suprachiasmatic Nucleus Control of Pineal Melatonin Production in the Rat. <i>NeuroSignals</i> , 1997, 6, 247-254.	0.5	16
130	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, 102-106.	1.1	16
131	Prenatal exposure to SKF-38393 alters the response to light of adult rats. <i>NeuroReport</i> , 2000, 11, 1539-1541.	0.6	16
132	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, 356-364.	1.9	16
133	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.	0.7	16
134	The Relative Contributions of the Homeostatic and Circadian Processes to Sleep Regulation under Conditions of Severe Sleep Restriction. <i>Sleep</i> , 2012, 35, 941-948.	0.6	16
135	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.	0.1	16
136	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, 284-289.	1.1	15
137	Short- and long-term effects of manipulation of the pineal/melatonin axis in ewes. <i>Reproduction, Nutrition, Development</i> , 1988, 28, 399-408.	1.9	14
138	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.	3.4	14
139	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, 230-235.	1.1	14
140	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.	3.4	14
141	Ocular Measures of Sleepiness Are Increased in Night Shift Workers Undergoing a Simulated Night Shift Near the Peak Time of the 6-Sulphatoxymelatonin Rhythm. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 1131-1141.	1.4	14
142	What do we really know about the safety and efficacy of melatonin for sleep disorders?. <i>Current Medical Research and Opinion</i> , 2022, 38, 211-227.	0.9	14
143	A Fluctuation in Plasma Melatonin Level in the Weddell Seal During Constant Natural Light. <i>Journal of Pineal Research</i> , 1986, 3, 127-134.	3.4	13
144	Thermoperiodic influences on plasma melatonin rhythms in the lizard <i>Tiliqua rugosa</i> : Effect of thermophase duration. <i>Neuroscience Letters</i> , 1991, 121, 139-142.	1.0	13

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145	Resetting the suprachiasmatic nucleus clock. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 56.	3.0	13
146	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.	1.7	13
147	Effects of melatonin implants in ram lambs. <i>Reproduction</i> , 1985, 73, 85-91.	1.1	12
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