

Gregory M Brown

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

5,349
citations

76326

40
h-index

85541

71
g-index

101
all docs

101
docs citations

101
times ranked

5388
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria's role in sleep: Novel insights from sleep deprivation and restriction studies. <i>World Journal of Biological Psychiatry</i> , 2022, 23, 1-13.	2.6	10
2	Coadministration of Melatonin and Insulin Improves Diabetes-Induced Impairment of Rat Kidney Function. <i>Neuroendocrinology</i> , 2022, 112, 807-822.	2.5	10
3	Differential expression and interaction of melatonin and thyroid hormone receptors with estrogen receptor β improve ovarian functions in letrozole-induced rat polycystic ovary syndrome. <i>Life Sciences</i> , 2022, 295, 120086.	4.3	5
4	Melatonin use during pregnancy and lactation: A scoping review of human studies. <i>Revista Brasileira De Psiquiatria</i> , 2022, 44, 342-348.	1.7	15
5	Timing is everything: Circadian rhythms and their role in the control of sleep. <i>Frontiers in Neuroendocrinology</i> , 2022, 66, 100978.	5.2	10
6	Dysregulated light/dark cycle impairs sleep and delays the recovery of patients in intensive care units: A call for action for COVID-19 treatment. <i>Chronobiology International</i> , 2022, 39, 903-906.	2.0	1
7	Chronotherapy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 179, 357-370.	1.8	22
8	Autism Spectrum Disorder patients may be susceptible to COVID-19 disease due to deficiency in melatonin. <i>Medical Hypotheses</i> , 2021, 149, 110544.	1.5	15
9	Melatonin's neuroprotective role in mitochondria and its potential as a biomarker in aging, cognition and psychiatric disorders. <i>Translational Psychiatry</i> , 2021, 11, 339.	4.8	42
10	Melatonin as an Add-On Treatment of COVID-19 Infection: Current Status. <i>Diseases (Basel)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	2.5	8
11	An urgent proposal for the immediate use of melatonin as an adjuvant to anti- SARS-CoV-2 vaccination. <i>Melatonin Research</i> , 2021, 4, 206-212.	1.1	10
12	Potential Genetic Overlap Between Insomnia and Sleep Symptoms in Major Depressive Disorder: A Polygenic Risk Score Analysis. <i>Frontiers in Psychiatry</i> , 2021, 12, 734077.	2.6	2
13	Circadian genes in major depressive disorder. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 80-90.	2.6	17
14	Understanding the role of sleep and its disturbances in Autism spectrum disorder. <i>International Journal of Neuroscience</i> , 2020, 130, 1033-1046.	1.6	13
15	Elderly as a High-risk Group during COVID-19 Pandemic: Effect of Circadian Misalignment, Sleep Dysregulation and Melatonin Administration. <i>Sleep and Vigilance</i> , 2020, 4, 81-87.	0.8	48
16	Can Melatonin Be a Potential "Silver Bullet" in Treating COVID-19 Patients?. <i>Diseases (Basel)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	2.5	55
17	Clarifying the role of sleep in depression: A narrative review. <i>Psychiatry Research</i> , 2020, 291, 113239.	3.3	116
18	Low melatonin as a contributor to SARS-CoV-2 disease. <i>Melatonin Research</i> , 2020, 3, 558-576.	1.1	7

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19	Sleep and circadian rhythms in health and disease: a complex interplay. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 365-366.	3.2	7
20	Depressive disorders: Processes leading to neurogeneration and potential novel treatments. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 80, 189-204.	4.8	37
21	Chronobiological theories of mood disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 107-118.	3.2	63
22	Are Type 2 Diabetes Mellitus and Depression Part of a Common Clock Genes Network?. <i>Journal of Circadian Rhythms</i> , 2018, 16, 4.	1.3	6
23	Melatonin and Human Cardiovascular Disease. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2017, 22, 122-132.	2.0	65
24	Chapter 7 Melatonin Signaling as a Link between Sleep and Circadian Biology: Practical Implications. , 2016, , 119-146.		0
25	Some implications of melatonin use in chronopharmacology of insomnia. <i>European Journal of Pharmacology</i> , 2015, 762, 42-48.	3.5	34
26	Melatonin and brain inflammaging. <i>Progress in Neurobiology</i> , 2015, 127-128, 46-63.	5.7	144
27	Association of Per3 length polymorphism with bipolar I disorder and schizophrenia. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 2325.	2.2	38
28	Effects of Melatonin and Epiphyseal Proteins on Fluoride-Induced Adverse Changes in Antioxidant Status of Heart, Liver, and Kidney of Rats. <i>Advances in Pharmacological Sciences</i> , 2014, 2014, 1-6.	3.7	31
29	<i>Per3</i> length polymorphism in patients with type 2 diabetes mellitus. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014, 18, 145-149.	0.7	25
30	Should we listen to our clock to prevent type 2 diabetes mellitus?. <i>Diabetes Research and Clinical Practice</i> , 2014, 106, 182-190.	2.8	28
31	Jet Lag: Use of Melatonin and Melatonergic Drugs. , 2014, , 367-378.		2
32	Sleep and circadian rhythm dysregulation in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 43, 209-216.	4.8	118
33	Melatonin Antioxidative Defense: Therapeutical Implications for Aging and Neurodegenerative Processes. <i>Neurotoxicity Research</i> , 2013, 23, 267-300.	2.7	255
34	Evaluation of blood antioxidant defense and apoptosis in peripheral lymphocytes on exogenous administration of pineal proteins and melatonin in rats. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 237-245.	3.0	3
35	Melatonin and its analogs in insomnia and depression. <i>Journal of Pineal Research</i> , 2012, 52, 365-375.	7.4	264
36	Melatonergic Drugs for Therapeutic Use in Insomnia and Sleep Disturbances of Mood Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012, 11, 180-189.	1.4	11

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37	Therapeutic potential of melatonin and its analogs in Parkinson's disease: focus on sleep and neuroprotection. <i>Therapeutic Advances in Neurological Disorders</i> , 2011, 4, 297-317.	3.5	79
38	Melatonin: A pleiotropic, orchestrating regulator molecule. <i>Progress in Neurobiology</i> , 2011, 93, 350-384.	5.7	680
39	Melatonin agonists in primary insomnia and depression-associated insomnia: Are they superior to sedative-hypnotics?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 913-923.	4.8	50
40	Melatonin in Mitochondrial Dysfunction and Related Disorders. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-16.	2.0	60
41	Melatonin and Its Agonist Ramelteon in Alzheimer's Disease: Possible Therapeutic Value. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-15.	2.0	41
42	Pharmacotherapy of Insomnia with Ramelteon: Safety, Efficacy and Clinical Applications. <i>Journal of Central Nervous System Disease</i> , 2011, 3, JCNSD.S1611.	1.9	18
43	Measurement of melatonin in body fluids: Standards, protocols and procedures. <i>Child's Nervous System</i> , 2011, 27, 879-891.	1.1	111
44	Cerebral Epiphyseal Proteins and Melatonin Modulate the Hepatic and Renal Antioxidant Defense of Rats. <i>International Journal of Nephrology</i> , 2011, 2011, 1-5.	1.3	7
45	Melatonin agonists for treatment of sleep and depressive disorders. <i>Journal of Experimental and Integrative Medicine</i> , 2011, 1, 149.	0.1	13
46	Jet lag, circadian rhythm sleep disturbances, and depression: the role of melatonin and its analogs. <i>Advances in Therapy</i> , 2010, 27, 796-813.	2.9	88
47	Malaria: therapeutic implications of melatonin. <i>Journal of Pineal Research</i> , 2010, 48, 1-8.	7.4	53
48	Melatonin as a therapeutic tool in ophthalmology: implications for glaucoma and uveitis. <i>Journal of Pineal Research</i> , 2010, 49, no-no.	7.4	64
49	Great challenges to sleep medicine: problems and paradigms. <i>Frontiers in Neurology</i> , 2010, 1, 7.	2.4	8
50	Potential use of melatonergic drugs in analgesia: Mechanisms of action. <i>Brain Research Bulletin</i> , 2010, 81, 362-371.	3.0	102
51	Melatonin and Sleep: Possible Involvement of GABAergic Mechanisms. , 2010, , 279-301.		2
52	Ramelteon: a review of its therapeutic potential in sleep disorders. <i>Advances in Therapy</i> , 2009, 26, 613-626.	2.9	70
53	Bidirectional communication between sleep and circadian rhythms and its implications for depression: Lessons from agomelatine. <i>Progress in Neurobiology</i> , 2009, 88, 264-271.	5.7	96
54	Melatonin and its relevance to jet lag. <i>Travel Medicine and Infectious Disease</i> , 2009, 7, 69-81.	3.0	43

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55	The role of melatonin in seasonal affective disorder. , 2009, , 149-162.		1
56	Human melatonin MT1 receptor induction by valproic acid and its effects in combination with melatonin on MCF-7 breast cancer cell proliferation. European Journal of Pharmacology, 2007, 560, 17-22.	3.5	41
57	Immortalized cells from the rat suprachiasmatic nucleus express functional melatonin receptors. Brain Research, 2004, 1002, 21-27.	2.2	39
58	All amacrine cells express the MT1 melatonin receptor in human and macaque retina. Experimental Eye Research, 2003, 77, 375-382.	2.6	37
59	MT(1) melatonin receptor in the human retina: expression and localization. Investigative Ophthalmology and Visual Science, 2002, 43, 889-97.	3.3	70
60	A Randomized, Double-Blind, Placebo-Controlled Crossover Study of the Effect of Exogenous Melatonin on Delayed Sleep Phase Syndrome. Psychosomatic Medicine, 2001, 63, 40-48.	2.0	129
61	Cyclical Regulation of GnRH Gene Expression in GT1â€“7 GnRH-Secreting Neurons by Melatonin. Endocrinology, 2001, 142, 4711-4720.	2.8	96
62	Cyclical Regulation of GnRH Gene Expression in GT1-7 GnRH-Secreting Neurons by Melatonin. Endocrinology, 2001, 142, 4711-4720.	2.8	25
63	Dopaminergic and GABAergic amacrine cells are direct targets of melatonin: Immunocytochemical study of mt1 melatonin receptor in guinea pig retina. Visual Neuroscience, 2000, 17, 63-70.	1.0	73
64	Potential involvement of mt1 receptor and attenuated sex steroid-induced calcium influx in the direct anti-proliferative action of melatonin on androgen-responsive LNCaP human prostate cancer cells. Journal of Pineal Research, 2000, 29, 172-183.	7.4	59
65	Melatonin concentrations in the luminal fluid, mucosa, and muscularis of the bovine and porcine gastrointestinal tract. Journal of Pineal Research, 1999, 26, 56-63.	7.4	78
66	Differential modulation of GABAA receptor function by Mel1a and Mel1b receptors. Nature Neuroscience, 1999, 2, 401-403.	14.8	177
67	60 Hz magnetic field exposure and urinary 6-sulphatoxymelatonin levels in the rat. Bioelectromagnetics, 1998, 19, 172-180.	1.6	15
68	Prospects of the Clinical Utilization of Melatonin. NeuroSignals, 1998, 7, 195-219.	0.9	117
69	Diminished Serotonin-Mediated Prolactin Responses in Nondepressed Stroke Patients Compared With Healthy Normal Subjects. Stroke, 1998, 29, 1293-1298.	2.0	18
70	Pinealectomy Reduces Melatonin Levels in the Serum but Not in the Gastrointestinal Tract of Rats. NeuroSignals, 1997, 6, 40-44.	0.9	94
71	Localization and characterization of melatonin receptors in the rabbit spinal cord. Neuroscience Letters, 1996, 204, 77-80.	2.1	18
72	Nocturnal melatonin and 24-hour 6-sulphatoxymelatonin levels in various phases of bipolar affective disorder. Psychiatry Research, 1996, 63, 219-222.	3.3	113

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73	Effects of self-generated sad mood on regional cerebral activity: A PET study in normal subjects. <i>Depression</i> , 1996, 4, 81-88.	0.6	58
74	Melatonin in Psychiatric and Sleep Disorders. <i>CNS Drugs</i> , 1995, 3, 209-226.	5.9	40
75	Localization and characterization of [125I]iodomelatonin binding sites in duck gonads. <i>Journal of Pineal Research</i> , 1994, 17, 39-47.	7.4	32
76	Rapid cycling in severely multidisabled children: A form of bipolar affective disorder?. <i>Pediatric Neurology</i> , 1994, 10, 34-39.	2.1	29
77	Effects of chronic brofaromine administration on biogenic amines including sulphatoxymelatonin and acid metabolites in patients with bulimia nervosa. <i>Neurochemical Research</i> , 1993, 18, 1281-1285.	3.3	3
78	An oral melatonin replacement regimen that re-establishes the normal circadian levels of urinary 6-sulphatoxymelatonin in functionally pinealectomized rats. <i>Journal of Pineal Research</i> , 1992, 13, 145-150.	7.4	7
79	Pineal and adrenal function before and after refeeding in anorexia nervosa. <i>Biological Psychiatry</i> , 1991, 30, 216-224.	1.3	25
80	The effects of exogenous melatonin on the total sleep time and daytime alertness of chronic insomniacs: A preliminary study. <i>Biological Psychiatry</i> , 1991, 30, 371-376.	1.3	115
81	Effect of pinealectomy on the undernutrition-induced suppression of the reproductive axis in rats. <i>European Journal of Endocrinology</i> , 1989, 120, 569-573.	3.7	9
82	Pineal involvement in the diurnal rhythm of nociception in the rat. <i>Life Sciences</i> , 1989, 44, 1067-1075.	4.3	32
83	Melatonin and Cortisol "Switches" during Mania, Depression, and Euthymia in a Drug-Free Bipolar Patient. <i>Journal of Nervous and Mental Disease</i> , 1989, 177, 300-303.	1.0	58
84	Scheduled Feeding and 24-Hour Rhythms of N-Acetylserotonin and Melatonin in Rats*. <i>Endocrinology</i> , 1985, 116, 1858-1862.	2.8	27
85	Investigations of melatonin secretion in man. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1985, 9, 609-612.	4.8	25
86	Effect of Oral Melatonin Administration on Melatonin, 5-Hydroxyindoleacetic Acid, Indoleacetic Acid, and Cyclic Nucleotides in Human Cerebrospinal Fluid. <i>Neuroendocrinology</i> , 1984, 39, 87-92.	2.5	24
87	Relationship between Pineal N-Acetyltransferase Activity, Pineal Melatonin and Serum Melatonin in Rats under Different Lighting Conditions. <i>Neuroendocrinology</i> , 1984, 39, 465-470.	2.5	30
88	Arginine vasotocin stimulates glucocorticoid secretion in male rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1983, 7, 841-844.	4.8	0
89	24-Hour Rhythm of Hypothalamic Melatonin Immunofluorescence Correlates with Serum and Retinal Melatonin Rhythms. <i>Neuroendocrinology</i> , 1982, 34, 363-368.	2.5	39
90	Identification and quantification of N-acetylserotonin (NAS) in the developing hippocampus of the rat. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1982, 6, 439-442.	4.8	9

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91	Radioimmunoassay of melatonin in rat serum. Progress in Neuro-Psychopharmacology & Biological Psychiatry, 1981, 5, 523-526.	0.6	41
92	Anorexia nervosa and "Turner syndrome": cause or coincidence?. Psychological Medicine, 1981, 11, 141-145.	4.5	27
93	Melatonin receptors in brain. European Journal of Pharmacology, 1979, 55, 219-220.	3.5	125
94	Melatonin and corticosterone regulation: Feeding time or the light:Dark cycle?. Life Sciences, 1979, 25, 1837-1842.	4.3	40
95	Melatonin in human cerebrospinal fluid in daytime; Its origin and variation with age. Life Sciences, 1979, 25, 929-936.	4.3	89
96	EFFECT OF PSYCHOSOCIAL STIMULI AND LIMBIC LESIONS ON PROLACTIN AT REST AND FOLLOWING STRESS. Clinical Endocrinology, 1977, 6, 29-41.	2.4	13
97	Antibodies to Indolealkylamines; Serotonin and Melatonin. Canadian Journal of Biochemistry, 1974, 52, 196-202.	1.4	120
98	Adrenal Regulation in the Wild Captive Squirrel Monkey: a Model of Chronic Stress. Canadian Psychiatric Association Journal, 1970, 15, 425-432.	0.3	6
99	A re-evaluation of glucose tolerance in schizophrenia. Journal of Psychiatric Research, 1969, 6, 261-270.	3.1	2
100	Melatonin and mental illness. , 0, , 119-129.		2