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List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,633
citations

304743

22
h-index

345221

36
g-index

36
all docs

36
docs citations

36
times ranked

1731
citing authors

#	ARTICLE	IF	CITATIONS
1	Pan-cancer single-cell RNA-seq identifies recurring programs of cellular heterogeneity. <i>Nature Genetics</i> , 2020, 52, 1208-1218.	21.4	226
2	Immune-pineal axis acute inflammatory responses coordinate melatonin synthesis by pinealocytes and phagocytes. <i>British Journal of Pharmacology</i> , 2018, 175, 3239-3250.	5.4	136
3	The Immune-Pineal Axis: A Shuttle between Endocrine and Paracrine Melatonin Sources. <i>NeuroImmunoModulation</i> , 2007, 14, 126-133.	1.8	120
4	Effect of TNF α on the melatonin synthetic pathway in the rat pineal gland: basis for a feedback of the immune response on circadian timing. <i>Journal of Pineal Research</i> , 2006, 41, 344-350.	7.4	92
5	TLR4 and CD14 receptors expressed in rat pineal gland trigger NFKB pathway. <i>Journal of Pineal Research</i> , 2010, 49, no-no.	7.4	90
6	Corticosterone modulates noradrenaline-induced melatonin synthesis through inhibition of nuclear factor kappa B. <i>Journal of Pineal Research</i> , 2005, 38, 182-188.	7.4	74
7	Selective protection of the cerebellum against intracerebroventricular LPS is mediated by local melatonin synthesis. <i>Brain Structure and Function</i> , 2015, 220, 827-840.	2.3	65
8	Melatonergic System in Parkinson's Disease: From Neuroprotection to the Management of Motor and Nonmotor Symptoms. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-31.	4.0	64
9	Expression of the Circadian Clock Gene BMAL1 Positively Correlates With Antitumor Immunity and Patient Survival in Metastatic Melanoma. <i>Frontiers in Oncology</i> , 2018, 8, 185.	2.8	60
10	Long-Lasting Priming of Endothelial Cells by Plasma Melatonin Levels. <i>PLoS ONE</i> , 2010, 5, e13958.	2.5	55
11	DAILY VARIATION OF CONSTITUTIVELY ACTIVATED NUCLEAR FACTOR KAPPA B (NFKB) IN RAT PINEAL GLAND. <i>Chronobiology International</i> , 2010, 27, 52-67.	2.0	54
12	Molecular Basis for Defining the Pineal Gland and Pinealocytes as Targets for Tumor Necrosis Factor. <i>Frontiers in Endocrinology</i> , 2011, 2, 10.	3.5	50
13	Amyloid β peptide directly impairs pineal gland melatonin synthesis and melatonin receptor signaling through the ERK pathway. <i>FASEB Journal</i> , 2015, 29, 2566-2582.	0.5	45
14	Local Corticosterone Infusion Enhances Nocturnal Pineal Melatonin Production <i>In Vivo</i> . <i>Journal of Neuroendocrinology</i> , 2009, 21, 90-97.	2.6	41
15	Dual Effect of Catecholamines and Corticosterone Crosstalk on Pineal Gland Melatonin Synthesis. <i>Neuroendocrinology</i> , 2017, 104, 126-134.	2.5	35
16	Interplay among steroids, body condition and immunity in response to long-term captivity in toads. <i>Scientific Reports</i> , 2018, 8, 17168.	3.3	35
17	Captivity effects on immune response and steroid plasma levels of a Brazilian toad (<i>Rhinella</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10327, 127-138.	1.9	34
18	Endothelial cell adhesiveness is a function of environmental lighting and melatonin level. <i>Journal of Pineal Research</i> , 2013, 54, 162-169.	7.4	32

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19	Î²-Adrenoceptors Trigger Melatonin Synthesis in Phagocytes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2182.	4.1	31
20	Night work effects on salivary cytokines TNF, IL-1Î² and IL-6. <i>Chronobiology International</i> , 2019, 36, 11-26.	2.0	31
21	Adenosine triphosphate inhibits melatonin synthesis in the rat pineal gland. <i>Journal of Pineal Research</i> , 2016, 60, 242-249.	7.4	24
22	Immuneâ€ineal axis protects rat lungs exposed to polluted air. <i>Journal of Pineal Research</i> , 2020, 68, e12636.	7.4	23
23	PIP4K2A and PIP4K2C transcript levels are associated with cytogenetic risk and survival outcomes in acute myeloid leukemia. <i>Cancer Genetics</i> , 2019, 233-234, 56-66.	0.4	21
24	Short sleep duration increases salivary IL-6 production. <i>Chronobiology International</i> , 2016, 33, 780-782.	2.0	20
25	Melatonergic systemâ€based twoâ€gene index is prognostic in human gliomas. <i>Journal of Pineal Research</i> , 2016, 60, 84-94.	7.4	20
26	Possible Role of Pineal and Extra-Pineal Melatonin in Surveillance, Immunity, and First-Line Defense. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12143.	4.1	20
27	The Concept of the Immune-Pineal Axis Tested in Patients Undergoing an Abdominal Hysterectomy. <i>NeuroImmunoModulation</i> , 2013, 20, 205-212.	1.8	18
28	Behavioral fever decreases metabolic response to lipopolysaccharide in yellow Cururu toads (<i>Rhinella icterica</i>). <i>Physiology and Behavior</i> , 2018, 191, 73-81.	2.1	18
29	Hormonal daily variation co-varies with immunity in captive male bullfrogs (<i>Lithobates catesbeianus</i>). <i>General and Comparative Endocrinology</i> , 2021, 303, 113702.	1.8	17
30	STAT1â€NFÎ²B crosstalk triggered by interferon gamma regulates noradrenalineâ€induced pineal hormonal production. <i>Journal of Pineal Research</i> , 2019, 67, e12599.	7.4	16
31	Rhythmic expression of the melatonergic biosynthetic pathway and its differential modulation in vitro by LPS and IL10 in bone marrow and spleen. <i>Scientific Reports</i> , 2020, 10, 4799.	3.3	15
32	MT1 and MT2 melatonin receptors play opposite roles in brain cancer progression. <i>Journal of Molecular Medicine</i> , 2021, 99, 289-301.	3.9	15
33	Daily rhythm of salivary IL-1Ã, cortisol and melatonin in day and night workers. <i>Work</i> , 2012, 41, 5788-5790.	1.1	11
34	Melatonin-Index as a biomarker for predicting the distribution of presymptomatic and asymptomatic SARS-CoV-2 carriers. <i>Melatonin Research</i> , 2021, 4, 189-205.	1.1	9
35	Light/Dark Environmental Cycle Imposes a Daily Profile in the Expression of microRNAs in Rat CD133⁺ Cells. <i>Journal of Cellular Physiology</i> , 2016, 231, 1953-1963.	4.1	8
36	LPSâ€induced immunomodulation and hormonal variation over time in toads. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 541-551.	1.9	8