Patrocinio Molinero Hueso

List of Publications by Year
in descending order

29 papers	757 citations	686830 13 h-index	500791 28 g-index
29 all docs	29 docs citations	29 times ranked	1005 citing authors

#	Article	IF	Citations
1	Role of early cell-free DNA levels decrease as a predictive marker of fatal outcome after severe traumatic brain injury. Clinica Chimica Acta, 2012, 414, 12-17.	0.5	81
2	Melatonin biosynthesis in the thymus of humans and rats. Cellular and Molecular Life Sciences, 2007, 64, 781-790.	2.4	78
3	Circadian variations in the rat serum total antioxidant status: Correlation with melatonin levels. Journal of Pineal Research, 1998, 25, 1-4.	3.4	63
4	Interaction of vasoactive intestinal peptide (VIP) with rat lymphoid cells. Peptides, 1986, 7, 177-181.	1.2	62
5	Evidence for melatonin synthesis in the rat brain during development. Journal of Pineal Research, 2007, 42, 240-246.	3.4	61
6	Melatonin is responsible for the nocturnal increase observed in serum and thymus of thymosin Î±1 and thymulin concentrations: observations in rats and humans. Journal of Neuroimmunology, 2000, 103, 180-188.	1.1	55
7	Melatonin synthesis and melatonin-membrane receptor (MT1) expression during rat thymus development: role of the pineal gland. Journal of Pineal Research, 2005, 39, 77-83.	3.4	45
8	Evidence of immune system melatonin production by two pineal melatonin deficient mice, C57BL/6 and Swiss strains. Journal of Pineal Research, 2009, 47, 15-22.	3.4	44
9	Melatonin triggers Crohn's disease symptoms. Journal of Pineal Research, 2002, 32, 277-278.	3.4	37
10	Sex-Dependent Effect of Melatonin on Systemic Erythematosus Lupus Developed in Mrl/Mpj-Faslpr Mice: It Ameliorates the Disease Course in Females, whereas It Exacerbates It in Males. Endocrinology, 2006, 147, 1717-1724.	1.4	33
11	Dual effect of melatonin as proinflammatory and antioxidant in collagen-induced arthritis in rats. Journal of Pineal Research, 2005, 38, 93-99.	3.4	32
12	Blocking of melatonin synthesis and MT1 receptor impairs the activation of Jurkat T cells. Cellular and Molecular Life Sciences, 2010, 67, 3163-3172.	2.4	26
13	Donor-specific circulating cell free DNA as a noninvasive biomarker of graft injury in heart transplantation. Clinica Chimica Acta, 2019, 495, 590-597.	0.5	25
14	The interaction of vasoactive intestinal peptide (VIP) with isolated bovine thyroid plasma membranes. Biochemical and Biophysical Research Communications, 1985, 128, 1336-1341.	1.0	13
15	Melatonin Prevents Hyperhomocysteinemia and Neural Lipid Peroxidation Induced by Methionine Intake. Current Neurovascular Research, 2005, 2, 175-178.	0.4	13
16	Noninvasive prenatal diagnosis by cellâ€free DNA screening for fetomaternal HPAâ€1a platelet incompatibility. Transfusion, 2018, 58, 2272-2279.	0.8	13
17	Treatment with testosterone or estradiol in melatonin treated females and males MRL/MpJâ€Fas^{lpr} mice induces negative effects in developing systemic lupus erythematosus. Journal of Pineal Research, 2008, 45, 204-211.	3.4	12
18	Detection of p53 Mutations in Circulating DNA of Transplanted Hepatocellular Carcinoma Patients as a Biomarker of Tumor Recurrence. Advances in Experimental Medicine and Biology, 2016, 924, 25-28.	0.8	10

#	Article	IF	Citations
19	Nocturnal increases in the triiodothyronine/thyroxine ratio in the rat thymus and pineal gland follow increases of type II 5â€²-deiodinase activity. International Journal of Biochemistry and Cell Biology, 1998, 30, 235-241.	1.2	9
20	In vivo activation of pineal N-acetyltransferase but not type II thyroxine 5â€²-deiodinase by phenylephrine in young rats. Neuroscience Letters, 1991, 127, 13-15.	1.0	7
21	Î²- and Î±-adrenergic mechanisms are involved in regulating type II thyroxine 5â€²-deiodinase in rat thymus. Life Sciences, 1995, 58, 1-8.	2.0	7
22	Thyroxine type II 5'-deiodinase activity in pineal and harderian gland is enhanced by hypothyroidism but is independent of serum thyroxine concentrations during hyperthyroidism. International Journal of Biochemistry & Cell Biology, 1993, 25, 1041-1046.	0.8	6
23	Temporal expression patterns of the melatoninergic system in the human thymus of children. Molecular Metabolism, 2019, 28, 83-90.	3.0	6
24	Non-invasive Prenatal Diagnosis of Feto-Maternal Platelet Incompatibility by Cold High Resolution Melting Analysis. Advances in Experimental Medicine and Biology, 2016, 924, 67-70.	0.8	5
25	Screening of KRAS Mutation in Pre- and Post-Surgery Serum of Patients Suffering from Colon Cancer by COLD-PCR HRM. Advances in Experimental Medicine and Biology, 2016, 924, 39-41.	0.8	4
26	Expression of type II thyroxine 5â€²-deiodinase from rat Harderian gland inXenopus laevisoocytes. FEBS Letters, 1994, 354, 110-112.	1.3	3
27	Different experimental conditions which regulate type II 5â€²-deiodinase mRNA in rat Harderian gland. Life Sciences, 1997, 61, 181-192.	2.0	3
28	Decreased binding of vasoactive intestinal peptide to intestinal epithelial cells from hypothyroid rats. Biochemical and Biophysical Research Communications, 1989, 162, 701-707.	1.0	2
29	Characterization of binding sites for Î²-adrenergic agonists and vasoactive intestinal peptide in the rat Harderian gland. , 1996, 34, 139-143.		2