

# Juan M Guerrero

## List of Publications by Citations

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153  
papers

8,570  
citations

49  
h-index

89  
g-index

154  
ext. papers

9,109  
ext. citations

5.5  
avg, IF

5.53  
L-index

#	Paper	IF	Citations
153	Beneficial pleiotropic actions of melatonin in an experimental model of septic shock in mice: regulation of pro-/anti-inflammatory cytokine network, protection against oxidative damage and anti-apoptotic effects. <i>Journal of Pineal Research</i> , <b>2005</b> , 39, 400-8	10.4	682
152	A review of the multiple actions of melatonin on the immune system. <i>Endocrine</i> , <b>2005</b> , 27, 189-200		459
151	Melatonin: buffering the immune system. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 8638-83	6.3	399
150	Melatonin-immune system relationships. <i>Current Topics in Medicinal Chemistry</i> , <b>2002</b> , 2, 167-79	3	360
149	Evidence of melatonin synthesis by human lymphocytes and its physiological significance: possible role as intracrine, autocrine, and/or paracrine substance. <i>FASEB Journal</i> , <b>2004</b> , 18, 537-9	0.9	330
148	Melatonin prevents changes in microsomal membrane fluidity during induced lipid peroxidation. <i>FEBS Letters</i> , <b>1997</b> , 408, 297-300	3.8	237
147	Inhibition of cerebellar nitric oxide synthase and cyclic GMP production by melatonin via complex formation with calmodulin. <i>Journal of Cellular Biochemistry</i> , <b>1997</b> , 65, 430-42	4.7	236
146	Melatonin inhibits expression of the inducible NO synthase II in liver and lung and prevents endotoxemia in lipopolysaccharide-induced multiple organ dysfunction syndrome in rats. <i>FASEB Journal</i> , <b>1999</b> , 13, 1537-1546	0.9	230
145	Physiological concentrations of melatonin inhibit nitric oxide synthase in rat cerebellum. <i>Life Sciences</i> , <b>1994</b> , 55, PL455-60	6.8	190
144	Rhythms of glutathione peroxidase and glutathione reductase in brain of chick and their inhibition by light. <i>Neurochemistry International</i> , <b>1998</b> , 32, 69-75	4.4	179
143	Melatonin reduces nitric oxide synthase activity in rat hypothalamus. <i>Journal of Pineal Research</i> , <b>1996</b> , 20, 205-10	10.4	179
142	Reactive oxygen intermediates, molecular damage, and aging. Relation to melatonin. <i>Annals of the New York Academy of Sciences</i> , <b>1998</b> , 854, 410-24	6.5	167
141	Physiological levels of melatonin contribute to the antioxidant capacity of human serum. <i>Journal of Pineal Research</i> , <b>1999</b> , 27, 59-64	10.4	151
140	A brief survey of pineal gland-immune system interrelationships. <i>Endocrine Research</i> , <b>1992</b> , 18, 91-113	1.9	149
139	Immunomodulatory role of melatonin: specific binding sites in human and rodent lymphoid cells. <i>Journal of Pineal Research</i> , <b>1995</b> , 18, 119-26	10.4	128
138	Expression of the Mel1a-melatonin receptor mRNA in T and B subsets of lymphocytes from rat thymus and spleen. <i>FASEB Journal</i> , <b>1997</b> , 11, 466-73	0.9	126
137	Human lymphocyte-synthesized melatonin is involved in the regulation of the interleukin-2/interleukin-2 receptor system. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 992-1000	5.6	120

136	Interaction of melatonin with human lymphocytes: evidence for binding sites coupled to potentiation of cyclic AMP stimulated by vasoactive intestinal peptide and activation of cyclic GMP. <i>Journal of Pineal Research</i> , <b>1992</b> , 12, 97-104	10.4	109
135	Melatonin activates Th1 lymphocytes by increasing IL-12 production. <i>Life Sciences</i> , <b>1999</b> , 65, 2143-50	6.8	108
134	Correlation between nuclear melatonin receptor expression and enhanced cytokine production in human lymphocytic and monocytic cell lines. <i>Journal of Pineal Research</i> , <b>2000</b> , 29, 129-37	10.4	106
133	Melatonin inhibits telomerase activity in the MCF-7 tumor cell line both in vivo and in vitro. <i>Journal of Pineal Research</i> , <b>2003</b> , 35, 204-11	10.4	99
132	Melatonin counteracts the inhibitory effect of PGE2 on IL-2 production in human lymphocytes via its mt1 membrane receptor. <i>FASEB Journal</i> , <b>2003</b> , 17, 755-7	0.9	98
131	Immunobiology of vasoactive intestinal peptide (VIP). <i>Trends in Immunology</i> , <b>2000</b> , 21, 7-11		97
130	mRNA expression of nuclear receptor RZR/RORalpha, melatonin membrane receptor MT, and hydroxindole-O-methyltransferase in different populations of human immune cells. <i>Journal of Pineal Research</i> , <b>2004</b> , 37, 48-54	10.4	94
129	Melatonin prevents increases in neural nitric oxide and cyclic GMP production after transient brain ischemia and reperfusion in the Mongolian gerbil ( <i>Meriones unguiculatus</i> ). <i>Journal of Pineal Research</i> , <b>1997</b> , 23, 24-31	10.4	91
128	Involvement of nuclear binding sites for melatonin in the regulation of IL-2 and IL-6 production by human blood mononuclear cells. <i>Journal of Neuroimmunology</i> , <b>1998</b> , 92, 76-84	3.5	91
127	High-affinity binding of melatonin by human circulating T lymphocytes (CD4+). <i>FASEB Journal</i> , <b>1995</b> , 9, 1331-5	0.9	88
126	Melatonin and vitamin E limit nitric oxide-induced lipid peroxidation in rat brain homogenates. <i>Neuroscience Letters</i> , <b>1997</b> , 230, 147-50	3.3	86
125	Acutely administered melatonin reduces oxidative damage in lung and brain induced by hyperbaric oxygen. <i>Journal of Applied Physiology</i> , <b>1997</b> , 83, 354-8	3.7	86
124	Serum cholesterol and lipid peroxidation are decreased by melatonin in diet-induced hypercholesterolemic rats. <i>Journal of Pineal Research</i> , <b>2000</b> , 28, 150-5	10.4	84
123	Melatonin in the context of the free radical theory of aging. <i>Annals of the New York Academy of Sciences</i> , <b>1996</b> , 786, 362-78	6.5	78
122	Expression of membrane and nuclear melatonin receptors in mouse peripheral organs. <i>Life Sciences</i> , <b>2004</b> , 74, 2227-36	6.8	77
121	Specific binding of 2-[125I]iodomelatonin by rat splenocytes: characterization and its role on regulation of cyclic AMP production. <i>Journal of Neuroimmunology</i> , <b>1995</b> , 57, 171-8	3.5	75
120	Prophylactic actions of melatonin in oxidative neurotoxicity. <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 825, 70-8	6.5	72
119	Melatonin synthesized by T lymphocytes as a ligand of the retinoic acid-related orphan receptor. <i>Journal of Pineal Research</i> , <b>2011</b> , 51, 454-62	10.4	70

118	Role of early cell-free DNA levels decrease as a predictive marker of fatal outcome after severe traumatic brain injury. <i>Clinica Chimica Acta</i> , <b>2012</b> , 414, 12-7	6.2	67
117	Melatonin is a phytochemical in olive oil. <i>Food Chemistry</i> , <b>2007</b> , 104, 609-612	8.5	67
116	Ototoxicity caused by cisplatin is ameliorated by melatonin and other antioxidants. <i>Journal of Pineal Research</i> , <b>2000</b> , 28, 73-80	10.4	63
115	Melatonin inhibits cell proliferation and induces caspase activation and apoptosis in human malignant lymphoid cell lines. <i>Journal of Pineal Research</i> , <b>2012</b> , 53, 366-73	10.4	62
114	Specific binding of melatonin by purified cell nuclei from spleen and thymus of the rat. <i>Journal of Neuroimmunology</i> , <b>1998</b> , 86, 190-7	3.5	61
113	Interaction of vasoactive intestinal peptide (VIP) with rat lymphoid cells. <i>Peptides</i> , <b>1986</b> , 7, 177-81	3.8	60
112	Melatonin controls experimental autoimmune encephalomyelitis by altering the T effector/regulatory balance. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 50, 101-114	16.6	58
111	Membrane-bound calmodulin in <i>Xenopus laevis</i> oocytes as a novel binding site for melatonin. <i>FASEB Journal</i> , <b>1998</b> , 12, 1401-8	0.9	58
110	Oxidative stress induced by phenylketonuria in the rat: Prevention by melatonin, vitamin E, and vitamin C. <i>Journal of Neuroscience Research</i> , <b>2002</b> , 69, 550-8	4.4	55
109	Effect of melatonin administration on sleep, behavioral disorders and hypnotic drug discontinuation in the elderly: a randomized, double-blind, placebo-controlled study. <i>Aging Clinical and Experimental Research</i> , <b>2009</b> , 21, 38-42	4.8	54
108	Evidence for melatonin synthesis in the rat brain during development. <i>Journal of Pineal Research</i> , <b>2007</b> , 42, 240-6	10.4	53
107	Circadian variations in the rat serum total antioxidant status: correlation with melatonin levels. <i>Journal of Pineal Research</i> , <b>1998</b> , 25, 1-4	10.4	52
106	Thyroxine 5 $\alpha$ -deiodinase activity in pineal gland and frontal cortex: nighttime increase and the effect of either continuous light exposure or superior cervical ganglionectomy. <i>Endocrinology</i> , <b>1988</b> , 122, 236-41	4.8	51
105	Melatonin is responsible for the nocturnal increase observed in serum and thymus of thymosin alpha1 and thymulin concentrations: observations in rats and humans. <i>Journal of Neuroimmunology</i> , <b>2000</b> , 103, 180-8	3.5	49
104	Functional characterization and mRNA expression of pituitary adenylate cyclase activating polypeptide (PACAP) type I receptors in rat peritoneal macrophages. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1997</b> , 1359, 250-62	4.9	48
103	Characterization of membrane melatonin receptor in mouse peritoneal macrophages: inhibition of adenylyl cyclase by a pertussis toxin-sensitive G protein. <i>Journal of Neuroimmunology</i> , <b>1999</b> , 95, 85-94	3.5	46
102	Point-of-care haemostasis monitoring during liver transplantation reduces transfusion requirements and improves patient outcome. <i>Clinica Chimica Acta</i> , <b>2015</b> , 446, 277-83	6.2	45
101	Serum, saliva, and gingival crevicular fluid osteocalcin: their relation to periodontal status and bone mineral density in postmenopausal women. <i>Journal of Periodontology</i> , <b>2005</b> , 76, 513-9	4.6	44

100	Physiological concentrations of melatonin inhibit the norepinephrine-induced activation of prostaglandin E2 and cyclic AMP production in rat hypothalamus: a mechanism involving inhibition of nitric oxide synthase. <i>Journal of Pineal Research</i> , <b>1998</b> , 25, 34-40	10.4	43
99	Possible involvement of the nuclear RZR/ROR-alpha receptor in the antitumor action of melatonin on murine Colon 38 cancer. <i>Tumor Biology</i> , <b>2002</b> , 23, 298-302	2.9	43
98	The disodium salt of EDTA inhibits the binding of vasoactive intestinal peptide to macrophage membranes: endodontic implications. <i>Journal of Endodontics</i> , <b>1996</b> , 22, 337-40	4.7	40
97	Melatonin treatment improves primary progressive multiple sclerosis: a case report. <i>Journal of Pineal Research</i> , <b>2015</b> , 58, 173-7	10.4	39
96	Functional and molecular characterization of VIP receptors and signal transduction in human and rodent immune systems. <i>Advances in Neuroimmunology</i> , <b>1996</b> , 6, 39-47		39
95	Melatonin synthesis and melatonin-membrane receptor (MT1) expression during rat thymus development: role of the pineal gland. <i>Journal of Pineal Research</i> , <b>2005</b> , 39, 77-83	10.4	38
94	Melatonin binding sites in the Harderian gland of Syrian hamsters: sexual differences and effect of castration. <i>Journal of Pineal Research</i> , <b>1993</b> , 14, 34-8	10.4	38
93	Melatonin reduces inflammatory response in peripheral T helper lymphocytes from relapsing-remitting multiple sclerosis patients. <i>Journal of Pineal Research</i> , <b>2017</b> , 63, e12442	10.4	37
92	Monitoring of transplanted liver health by quantification of organ-specific genomic marker in circulating DNA from receptor. <i>PLoS ONE</i> , <b>2014</b> , 9, e113987	3.7	36
91	Expression of VIP receptors in mouse peritoneal macrophages: functional and molecular characterization. <i>Journal of Neuroimmunology</i> , <b>1994</b> , 50, 85-93	3.5	36
90	Synergistic action of melatonin and vasoactive intestinal peptide in stimulating cyclic AMP production in human lymphocytes. <i>Journal of Pineal Research</i> , <b>1992</b> , 12, 174-80	10.4	36
89	Melatonin synthesized by Jurkat human leukemic T cell line is implicated in IL-2 production. <i>Journal of Cellular Physiology</i> , <b>2006</b> , 206, 273-9	7	35
88	Evaluation of the immunomodulatory effect of melatonin on the T-cell response in peripheral blood from systemic lupus erythematosus patients. <i>Journal of Pineal Research</i> , <b>2015</b> , 58, 219-26	10.4	34
87	Mitochondrial damage induced by fetal hyperphenylalaninemia in the rat brain and liver: its prevention by melatonin, Vitamin E, and Vitamin C. <i>Neuroscience Letters</i> , <b>2006</b> , 392, 1-4	3.3	33
86	Role of circulating cell-free DNA levels in patients with severe preeclampsia and HELLP syndrome. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 1377-80	2.3	31
85	Melatonin triggers Crohn's disease symptoms. <i>Journal of Pineal Research</i> , <b>2002</b> , 32, 277-8	10.4	31
84	RNA expression of human telomerase subunits TR and TERT is differentially affected by melatonin receptor agonists in the MCF-7 tumor cell line. <i>Cancer Letters</i> , <b>2004</b> , 216, 73-80	9.9	30
83	The pineal secretory product melatonin reduces hydrogen peroxide-induced DNA damage in U-937 cells. <i>Journal of Pineal Research</i> , <b>1999</b> , 26, 227-35	10.4	30

82	Thyroxine 5Tdeiodination in brown adipose tissue and pineal gland: implications for thermogenic regulation and role of melatonin. <i>Endocrinology</i> , <b>1988</b> , 123, 677-80	4.8	30
81	Activation of cyclic AMP-dependent protein kinase by VIP in blood mononuclear cells. <i>Peptides</i> , <b>1984</b> , 5, 371-3	3.8	30
80	Dual effect of melatonin as proinflammatory and antioxidant in collagen-induced arthritis in rats. <i>Journal of Pineal Research</i> , <b>2005</b> , 38, 93-9	10.4	29
79	Neuroprotection by melatonin from glutamate-induced excitotoxicity during development of the cerebellum in the chick embryo. <i>Journal of Pineal Research</i> , <b>2000</b> , 28, 81-8	10.4	29
78	Standardization non-invasive fetal RHD and SRY determination into clinical routine using a new multiplex RT-PCR assay for fetal cell-free DNA in pregnant women plasma: results in clinical benefits and cost saving. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 490-4	6.2	28
77	Involvement of nuclear receptors in the enhanced IL-2 production by melatonin in Jurkat cells. <i>Annals of the New York Academy of Sciences</i> , <b>2000</b> , 917, 397-403	6.5	28
76	Ototoxicity caused by aminoglycosides is ameliorated by melatonin without interfering with the antibiotic capacity of the drugs. <i>Journal of Pineal Research</i> , <b>2000</b> , 28, 26-33	10.4	28
75	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. <i>Endocrinology</i> , <b>2006</b> , 147, 1717-24	4.8	27
74	Histological changes during development of the cerebellum in the chick embryo exposed to a static magnetic field. <i>Bioelectromagnetics</i> , <b>1997</b> , 18, 36-46	1.6	26
73	Specific binding of 2-[125I]iodomelatonin by rat spleen crude membranes: day-night variations and effect of pinealectomy and continuous light exposure. <i>Journal of Pineal Research</i> , <b>1996</b> , 20, 33-8	10.4	25
72	Beta- and alpha-adrenergic mechanisms are involved in regulation of rat pineal type II thyroxine 5Tdeiodinase activity during development. <i>Endocrinology</i> , <b>1991</b> , 128, 1661-7	4.8	25
71	Nuclear receptors are involved in the enhanced IL-6 production by melatonin in U937 cells. <i>NeuroSignals</i> , <b>2000</b> , 9, 197-202	1.9	24
70	Presence of the pineal hormone melatonin in rat cochlea: its variations with lighting conditions. <i>Neuroscience Letters</i> , <b>1997</b> , 238, 81-3	3.3	23
69	Inverse correlation between endogenous melatonin levels and oxidative damage in some tissues of SAM P8 mice. <i>Journal of Pineal Research</i> , <b>2006</b> , 40, 153-7	10.4	23
68	Melatonin potentiates cyclic AMP production stimulated by vasoactive intestinal peptide in human lymphocytes. <i>Neuroscience Letters</i> , <b>1992</b> , 136, 150-2	3.3	23
67	Autophagy upregulation and loss of NF-kappaB in oxidative stress-related immunodeficient SAMP8 mice. <i>Mechanisms of Ageing and Development</i> , <b>2009</b> , 130, 722-30	5.6	22
66	The use of melatonin as a vaccine agent. <i>Vaccine</i> , <b>2005</b> , 23, 5321-7	4.1	22
65	Melatonin prevents focal rat cerebellum injury as assessed by induction of heat shock protein (HO-1) following subarachnoid injections of lysed blood. <i>Neuroscience Letters</i> , <b>2002</b> , 331, 208-10	3.3	22

64	Inhibition of pineal type-II 5Tdeiodinase does not affect the nocturnal increase of N-acetyltransferase activity and melatonin content in either euthyroid or thyroidectomized rats. <i>Journal of Pineal Research</i> , <b>1988</b> , 5, 513-20	10.4	22
63	Associations between frailty and serum N-terminal propeptide of type I procollagen and 25-hydroxyvitamin D in older Spanish women: The Toledo Study for Healthy Aging. <i>Experimental Gerontology</i> , <b>2015</b> , 69, 79-84	4.5	21
62	C cells evolve at the same rhythm as follicular cells when thyroidal status changes in rats. <i>Journal of Anatomy</i> , <b>2009</b> , 214, 301-9	2.9	21
61	Blocking of melatonin synthesis and MT(1) receptor impairs the activation of Jurkat T cells. <i>Cellular and Molecular Life Sciences</i> , <b>2010</b> , 67, 3163-72	10.3	20
60	Differential responses of rat pineal thyroxine type II 5Tdeiodinase and N-acetyltransferase activities to either light exposure, isoproterenol, phenylephrine, or propranolol. <i>Cellular and Molecular Neurobiology</i> , <b>1988</b> , 8, 447-58	4.6	20
59	Role of postsynaptic alpha-adrenergic receptors in the beta-adrenergic stimulation of melatonin production in the Syrian hamster pineal gland in organ culture. <i>Journal of Pineal Research</i> , <b>1989</b> , 7, 13-22 <sup>10.4</sup>	10.4	19
58	Non-invasive prenatal diagnosis of multiple endocrine neoplasia type 2A using COLD-PCR combined with HRM genotyping analysis from maternal serum. <i>PLoS ONE</i> , <b>2012</b> , 7, e51024	3.7	18
57	Vasoactive intestinal peptide and pituitary adenylate cyclase-activating polypeptide inhibit LPS-stimulated MIP-1alpha production and mRNA expression. <i>Cytokine</i> , <b>2002</b> , 18, 35-42	4	18
56	Iodothyronine 5Tdeiodinating activity in the pineal gland. <i>International Journal of Biochemistry &amp; Cell Biology</i> , <b>1992</b> , 24, 1513-23		18
55	Beta- and alpha-adrenergic receptors are involved in regulating type II thyroxine 5Tdeiodinase activity in the rat Harderian gland. <i>Life Sciences</i> , <b>1991</b> , 49, 1523-30	6.8	18
54	Long-term melatonin administration increases polyunsaturated fatty acid percentage in plasma lipids of hypercholesterolemic rats. <i>Journal of Pineal Research</i> , <b>2002</b> , 32, 179-86	10.4	17
53	Circulating cell-free DNA is a predictor of short-term neurological outcome in stroke patients treated with intravenous thrombolysis. <i>Journal of Circulating Biomarkers</i> , <b>2016</b> , 5, 1849454416668791	3.3	15
52	Melatonin and other antioxidants prolong the postmortem activity of the outer hair cells of the organ of Corti: its relation to the type of death. <i>Journal of Pineal Research</i> , <b>1999</b> , 27, 73-7	10.4	14
51	The utility of C-reactive protein and procalcitonin for sepsis diagnosis in critically burned patients: A preliminary study. <i>Plastic Surgery</i> , <b>2015</b> , 23, 239-243	0.8	13
50	Melatonin prevents the formation of pyrrolized proteins in human plasma induced by hydrogen peroxide. <i>Neuroscience Letters</i> , <b>2002</b> , 326, 147-50	3.3	13
49	Forskolin, an activator of adenylate cyclase activity, promotes large increases in N-acetyl transferase activity and melatonin production in the Syrian hamster pineal gland only during the late dark period. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 155, 209-15	3.4	13
48	Stimulatory effect of isoproterenol but not of dibutyryl cyclic AMP on N-acetyltransferase activity and melatonin content of Syrian hamster pineal gland in organ culture. <i>Neuroendocrinology</i> , <b>1988</b> , 48, 229-34	5.6	13
47	Interaction of vasoactive intestinal peptide with a cell line (HeLa) derived from human carcinoma of the cervix: binding to specific sites and stimulation of adenylate cyclase. <i>Molecular and Cellular Biochemistry</i> , <b>1981</b> , 37, 167-76	4.2	13

46	Noninvasive prenatal diagnosis by cell-free DNA screening for fetomaternal HPA-1a platelet incompatibility. <i>Transfusion</i> , <b>2018</b> , 58, 2272-2279	2.9	13
45	Melatonin prevents hyperhomocysteinemia and neural lipid peroxidation induced by methionine intake. <i>Current Neurovascular Research</i> , <b>2005</b> , 2, 175-8	1.8	12
44	The interaction of vasoactive intestinal peptide (VIP) with isolated bovine thyroid plasma membranes. <i>Biochemical and Biophysical Research Communications</i> , <b>1985</b> , 128, 1336-41	3.4	12
43	Melatonin restores and enhances the human type B tonsillar lymphocyte subset in recurrent acute tonsillitis. <i>Neuroscience Letters</i> , <b>1998</b> , 247, 131-4	3.3	10
42	Treatment with testosterone or estradiol in melatonin treated females and males MRL/MpJ-Faslpr mice induces negative effects in developing systemic lupus erythematosus. <i>Journal of Pineal Research</i> , <b>2008</b> , 45, 204-11	10.4	10
41	Specific binding of melatonin by immunocompetent cells in humans and rodents. Modifications during postnatal development. <i>Annals of the New York Academy of Sciences</i> , <b>1994</b> , 719, 369-77	6.5	10
40	Nocturnal increase in pineal melatonin production in two lemming species, <i>Dicrostonyx hudsonius</i> and <i>D. groenlandicus</i> . <i>General and Comparative Endocrinology</i> , <b>1990</b> , 78, 322-5	3	9
39	Melatonin induces hyporeactivity caused by type II collagen in peripheral blood lymphocytes from patients with autoimmune hearing losses. <i>Neuroscience Letters</i> , <b>1997</b> , 239, 1-4	3.3	8
38	Elevation of cyclic GMP levels in the rat pineal gland induced by nitric oxide. <i>Journal of Pineal Research</i> , <b>1994</b> , 16, 210-4	10.4	8
37	High activity of retinal N-acetyltransferase in the early development of the chick embryo: independence of lighting conditions. <i>Neuroscience Letters</i> , <b>1994</b> , 179, 103-6	3.3	8
36	Nocturnal increases in the triiodothyronine/thyroxine ratio in the rat thymus and pineal gland follow increases of type II 5Tdeiodinase activity. <i>International Journal of Biochemistry and Cell Biology</i> , <b>1998</b> , 30, 235-41	5.6	7
35	Effects of either forskolin, the 1,9-dideoxy derivative of forskolin, or 8-bromocyclic AMP on cyclic AMP and melatonin production in the Syrian hamster pineal gland in organ culture. <i>Neuroscience Letters</i> , <b>1989</b> , 103, 338-42	3.3	7
34	Detection of p53 Mutations in Circulating DNA of Transplanted Hepatocellular Carcinoma Patients as a Biomarker of Tumor Recurrence. <i>Advances in Experimental Medicine and Biology</i> , <b>2016</b> , 924, 25-28	3.6	6
33	Diurnal Variations in [125I]Melatonin Binding by Rat Thymus Membranes: Effects of Continuous Light Exposure and Pinealectomy. <i>Chronobiology International</i> , <b>1995</b> , 12, 382-388	3.6	6
32	Vasoactive intestinal peptide enhances phorbol myristate acetate-induced chemiluminescence in human lymphocytes. <i>Life Sciences</i> , <b>1992</b> , 51, 1803-10	6.8	6
31	Pleural fluid cell-free DNA in parapneumonic pleural effusion. <i>Clinical Biochemistry</i> , <b>2015</b> , 48, 1003-5	3.5	5
30	Non-invasive Prenatal Diagnosis of Feto-Maternal Platelet Incompatibility by Cold High Resolution Melting Analysis. <i>Advances in Experimental Medicine and Biology</i> , <b>2016</b> , 924, 67-70	3.6	5
29	Evaluation of the State of Transplanted Liver Health by Monitoring of Organ-Specific Genomic Marker in Circulating DNA from Receptor. <i>Advances in Experimental Medicine and Biology</i> , <b>2016</b> , 924, 113-116	3.6	5



28	Hemoglobin Seville [Glu 81(EF5) Leu-βhe] a silent phenotypic variant that interferes in hemoglobin A1c measurement by ion-exchange HPLC method. <i>Clinical Biochemistry</i> , <b>2011</b> , 44, 933-5	3.5	5
27	Characterization of VIP receptor-effector system antagonists in rat and mouse peritoneal macrophages. <i>European Journal of Pharmacology</i> , <b>1997</b> , 321, 379-86	5.3	5
26	Beta- and alpha-adrenergic mechanisms are involved in regulating type II thyroxine 5Tdeiodinase in rat thymus. <i>Life Sciences</i> , <b>1996</b> , 58, 1-8	6.8	5
25	Different sensitivity of rat pineal N-acetyltransferase to alpha- and beta-adrenergic receptor agonists during development: in vitro studies. <i>Neuroscience Letters</i> , <b>1994</b> , 182, 303-5	3.3	5
24	Thyroxine type II 5Tdeiodinase activity in pineal and Harderian gland is enhanced by hypothyroidism but is independent of serum thyroxine concentrations during hyperthyroidism. <i>International Journal of Biochemistry &amp; Cell Biology</i> , <b>1993</b> , 25, 1041-6		5
23	In vivo activation of pineal N-acetyltransferase but not type II thyroxine 5Tdeiodinase by phenylephrine in young rats. <i>Neuroscience Letters</i> , <b>1991</b> , 127, 13-5	3.3	5
22	Point-of-care haemostasis monitoring during liver transplantation is cost effective. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, 883-890	5.9	5
21	Effects of immediate-release niacin and dietary fatty acids on acute insulin and lipid status in individuals with metabolic syndrome. <i>Journal of the Science of Food and Agriculture</i> , <b>2018</b> , 98, 2194-2200 <sup>4,3</sup>		4
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