

Claudio A Mastronardi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

3,004
citations

26
h-index

54
g-index

65
ext. papers

3,385
ext. citations

6
avg, IF

4.77
L-index

#	Paper	IF	Citations
61	Increased hypothalamic GPR54 signaling: a potential mechanism for initiation of puberty in primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 2129-34	11.5	706
60	Inflammasome signaling affects anxiety- and depressive-like behavior and gut microbiome composition. <i>Molecular Psychiatry</i> , 2016 , 21, 797-805	15.1	268
59	Minireview: the neuroendocrine regulation of puberty: is the time ripe for a systems biology approach?. <i>Endocrinology</i> , 2006 , 147, 1166-74	4.8	238
58	Leptin: molecular mechanisms, systemic pro-inflammatory effects, and clinical implications. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2012 , 56, 597-607		124
57	Leptin treatment: facts and expectations. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 146-56	12.7	117
56	Enhanced at puberty 1 (EAP1) is a new transcriptional regulator of the female neuroendocrine reproductive axis. <i>Journal of Clinical Investigation</i> , 2007 , 117, 2145-54	15.9	85
55	The nitric oxide theory of aging revisited. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1057, 64-846.5		80
54	Expression of a tumor-related gene network increases in the mammalian hypothalamus at the time of female puberty. <i>Endocrinology</i> , 2007 , 148, 5147-61	4.8	73
53	Is increased antidepressant exposure a contributory factor to the obesity pandemic?. <i>Translational Psychiatry</i> , 2016 , 6, e759	8.6	70
52	Leptin therapy, insulin sensitivity, and glucose homeostasis. <i>Indian Journal of Endocrinology and Metabolism</i> , 2012 , 16, S549-55	1.7	68
51	Congenital leptin deficiency: diagnosis and effects of leptin replacement therapy. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2010 , 54, 690-7		67
50	Nerve growth factor-dependent activation of trkA receptors in the human ovary results in synthesis of follicle-stimulating hormone receptors and estrogen secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 2396-403	5.6	62
49	APOE*E2 allele delays age of onset in PSEN1 E280A Alzheimer's disease. <i>Molecular Psychiatry</i> , 2016 , 21, 916-24	15.1	60
48	Resting and circadian release of nitric oxide is controlled by leptin in male rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 5721-6	11.5	60
47	The role of nitric oxide (NO) in control of LHRH release that mediates gonadotropin release and sexual behavior. <i>Current Pharmaceutical Design</i> , 2003 , 9, 381-90	3.3	58
46	Deletion of the Ttf1 gene in differentiated neurons disrupts female reproduction without impairing basal ganglia function. <i>Journal of Neuroscience</i> , 2006 , 26, 13167-79	6.6	57
45	Lipopolysaccharide-induced leptin release is neurally controlled. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 14720-5	11.5	53

44	Control of gonadotropin secretion by follicle-stimulating hormone-releasing factor, luteinizing hormone-releasing hormone, and leptin. <i>Archives of Medical Research</i> , 2001 , 32, 476-85	6.6	50
43	Early onset of puberty: tracking genetic and environmental factors. <i>Hormone Research in Paediatrics</i> , 2005 , 64 Suppl 2, 41-7	3.3	45
42	cGMP Signaling, Phosphodiesterases and Major Depressive Disorder. <i>Current Neuropharmacology</i> , 2011 , 9, 715-27	7.6	43
41	Neuroendocrine mechanisms controlling female puberty: new approaches, new concepts. <i>Journal of Developmental and Physical Disabilities</i> , 2006 , 29, 256-63; discussion 286-90		43
40	Association between circulating adipocytokine concentrations and microvascular complications in patients with type 2 diabetes mellitus: A systematic review and meta-analysis of controlled cross-sectional studies. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 357-67	3.2	39
39	Lipopolysaccharide-induced leptin release is not mediated by nitric oxide, but is blocked by dexamethasone. <i>NeuroImmunoModulation</i> , 2000 , 8, 91-7	2.5	33
38	Genetics of non-syndromic childhood obesity and the use of high-throughput DNA sequencing technologies. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 1549-1561	3.2	32
37	Caspase 1 deficiency reduces inflammation-induced brain transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 7205-10	11.5	32
36	Lipopolysaccharide-induced tumor necrosis factor-alpha release is controlled by the central nervous system. <i>NeuroImmunoModulation</i> , 2001 , 9, 148-56	2.5	28
35	Role of the IL-1 Pathway in Dopaminergic Neurodegeneration and Decreased Voluntary Movement. <i>Molecular Neurobiology</i> , 2017 , 54, 4486-4495	6.2	24
34	Long-term body weight outcomes of antidepressant-environment interactions. <i>Molecular Psychiatry</i> , 2011 , 16, 265-72	15.1	24
33	Novel and rare functional genomic variants in multiple autoimmune syndrome and Sjögren's syndrome. <i>Journal of Translational Medicine</i> , 2015 , 13, 173	8.5	21
32	A Mutation in DAOA Modifies the Age of Onset in PSEN1 E280A Alzheimer's Disease. <i>Neural Plasticity</i> , 2016 , 2016, 9760314	3.3	21
31	Sequence polymorphisms of MC1R gene and their association with depression and antidepressant response. <i>Psychiatric Genetics</i> , 2011 , 21, 14-8	2.9	19
30	Pharmacogenomics of neuroimmune interactions in human psychiatric disorders. <i>Experimental Physiology</i> , 2007 , 92, 807-11	2.4	18
29	Lipopolysaccharide-induced leptin synthesis and release are differentially controlled by alpha-melanocyte-stimulating hormone. <i>NeuroImmunoModulation</i> , 2005 , 12, 182-8	2.5	18
28	Whole exome sequencing of extreme morbid obesity patients: translational implications for obesity and related disorders. <i>Genes</i> , 2014 , 5, 709-25	4.2	17
27	Ascorbic acid stimulates gonadotropin release by autocrine action by means of NO. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 11783-8	11.5	16

26	Linkage and association analysis of ADHD endophenotypes in extended and multigenerational pedigrees from a genetic isolate. <i>Molecular Psychiatry</i> , 2016 , 21, 1434-40	15.1	15
25	New advances in the treatment of generalized lipodystrophy: role of metreleptin. <i>Therapeutics and Clinical Risk Management</i> , 2015 , 11, 1391-400	2.9	15
24	Molecular pathways involved in the improvement of non-alcoholic fatty liver disease. <i>Journal of Molecular Endocrinology</i> , 2013 , 51, 167-79	4.5	14
23	The use of dried blood spot sampling for the measurement of HbA1c: a cross-sectional study. <i>BMC Clinical Pathology</i> , 2015 , 15, 13	3	12
22	Leptin replacement therapy for the treatment of non-HAART associated lipodystrophy syndromes: a meta-analysis into the effects of leptin on metabolic and hepatic endpoints. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2014 , 58, 783-97		12
21	Repeated antidepressant therapy increases cyclic GMP signaling in rat hippocampus. <i>Neuroscience Letters</i> , 2009 , 466, 149-53	3.3	12
20	Cytokines and pituitary hormone secretion. <i>Vitamins and Hormones</i> , 2001 , 63, 29-62	2.5	12
19	Hypothalamic control of gonadotropin secretion. <i>Progress in Brain Research</i> , 2002 , 141, 151-64	2.9	12
18	A multifactorial model of pathology for age of onset heterogeneity in familial Alzheimer's disease. <i>Acta Neuropathologica</i> , 2021 , 141, 217-233	14.3	12
17	Congenital Leptin Deficiency and Leptin Gene Missense Mutation Found in Two Colombian Sisters with Severe Obesity. <i>Genes</i> , 2019 , 10,	4.2	11
16	Genetic Variation Underpinning ADHD Risk in a Caribbean Community. <i>Cells</i> , 2019 , 8,	7.9	11
15	Inhibition of melatonin-induced ascorbic acid and LHRH release by a nitric oxide synthase and cyclic GMP inhibitor. <i>Experimental Biology and Medicine</i> , 2004 , 229, 650-6	3.7	10
14	Comparisons of the effects of anesthesia and stress on release of tumor necrosis factor-alpha, leptin, and nitric oxide in adult male rats. <i>Experimental Biology and Medicine</i> , 2001 , 226, 296-300	3.7	10
13	Mutations modifying sporadic Alzheimer's disease age of onset. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016 , 171, 1116-1130	3.5	10
12	Chronic imipramine downregulates cyclic AMP signaling in rat hippocampus. <i>NeuroReport</i> , 2009 , 20, 307-11		9
11	Inhibition of stimulated ascorbic acid and luteinizing hormone-releasing hormone release by nitric oxide synthase or guanyl cyclase inhibitors. <i>Experimental Biology and Medicine</i> , 2004 , 229, 72-9	3.7	9
10	Hypothalamic expression of Eap1 is not directly controlled by ovarian steroids. <i>Endocrinology</i> , 2009 , 150, 1870-8	4.8	8
9	Definition of mutations in polyautoimmunity. <i>Journal of Autoimmunity</i> , 2016 , 72, 65-72	15.5	7

8	Targeting Neuroplasticity, Cardiovascular, and Cognitive-Associated Genomic Variants in Familial Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2019 , 56, 3235-3243	6.2	5
7	Candidate biomarkers for systemic inflammatory response syndrome and inflammation: a pathway for novel translational therapeutics. <i>NeuroImmunoModulation</i> , 2010 , 17, 359-68	2.5	4
6	Temporal gene expression in the hippocampus and peripheral organs to endotoxin-induced systemic inflammatory response in caspase-1-deficient mice. <i>NeuroImmunoModulation</i> , 2015 , 22, 263-73	2.5	3
5	Mutations in sphingolipid metabolism genes are associated with ADHD. <i>Translational Psychiatry</i> , 2020 , 10, 231	8.6	3
4	Generation of one iPSC line (IMEDEAi006-A) from an early-onset familial Alzheimer's Disease (FAD) patient carrying the E280A mutation in the PSEN1 gene. <i>Stem Cell Research</i> , 2019 , 37, 101440	1.6	2
3	Familial Alzheimer's Disease and Recessive Modifiers. <i>Molecular Neurobiology</i> , 2020 , 57, 1035-1043	6.2	2
2	Chronic fluoxetine treatment increases daytime melatonin synthesis in the rodent. <i>Clinical Pharmacology: Advances and Applications</i> , 2009 , 1, 1-6	1.5	1
1	SAT0015 Novel and Rare Mutations Linked To Polyautoimmunity. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 669.1-669	2.4	