ClÃ¡udia Cavadas

List of Publications by Year
in descending order

93 papers	2,960 citations	136950 32 h-index	189892 50 g-index
94 all docs	94 docs citations	94 times ranked	6412 citing authors

#	Article	IF	Citations
1	Emerging Role of Sirtuin 2 in the Regulation of Mammalian Metabolism. Trends in Pharmacological Sciences, 2015, 36, 756-768.	8.7	201
2	Neuropeptide Y and its receptors as potential therapeutic drug targets. Clinica Chimica Acta, 2002, 326, 3-25.	1.1	152
3	Neuropeptide Y (NPY) as a therapeutic target for neurodegenerative diseases. Neurobiology of Disease, 2016, 95, 210-224.	4.4	98
4	Role of hypothalamic neurogenesis in feeding regulation. Trends in Endocrinology and Metabolism, 2014, 25, 80-88.	7.1	88
5	Caloric restriction blocks neuropathology and motor deficits in Machadoâ€“Joseph disease mouse models through SIRT1 pathway. Nature Communications, 2016, 7, 11445.	12.8	86
6	The Putative Neuroprotective Role of Neuropeptide Y in the Central Nervous System. CNS and Neurological Disorders, 2005, 4, 331-347.	4.3	82
7	The pathophysiology of defective proteostasis in the hypothalamus â€" from obesity to ageing. Nature Reviews Endocrinology, 2016, 12, 723-733.	9.6	74
8	Skin senescence: mechanisms and impact on whole-body aging. Trends in Molecular Medicine, 2022, 28, 97-109.	6.7	69
9	The NAD+-dependent deacetylase SIRT2 attenuates oxidative stress and mitochondrial dysfunction and improves insulin sensitivity in hepatocytes. Human Molecular Genetics, 2017, 26, 4105-4117.	2.9	67
10	Disappearance Rate of Catecholamines, Total Metanephrines, and Neuropeptide Y from the Plasma of Patients after Resection of Pheochromocytoma. Clinical Chemistry, 2001, 47, 1075-1082.	3.2	65
11	NPY Regulates Catecholamine Secretion from Human Adrenal Chromaffin Cells. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 5956-5963.	3.6	64
12	Blood sampling methodology is crucial for precise measurement of plasma catecholamines concentrations in mice. Pflugers Archiv European Journal of Physiology, 2003, 447, 254-258.	2.8	63
13	Neuropeptide Y stimulates autophagy in hypothalamic neurons. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1642-E1651.	7.1	60
14	Alterations in phospholipidomic profile in the brain of mouse model of depression induced by chronic unpredictable stress. Neuroscience, 2014, 273, 1-11.	2.3	58
15	Interplay Between Galanin and Leptin in the Hypothalamic Control of Feeding via Corticotropin-Releasing Hormone and Neuropeptide Y. Diabetes, 2001, 50, 2666-2672.	0.6	57
16	Loss of dipeptidylpeptidase IV activity in chronic rhinosinusitis contributes to the neurogenic inflammation induced by substance P in the nasal mucosa. FASEB Journal, 2002, 16, 1132-1134.	0.5	57
17	Obstructive Sleep Apnea and Hallmarks of Aging. Trends in Molecular Medicine, 2017, 23, 675-692.	6.7	56
18	Neuropeptide Y receptors activation protects rat retinal neural cells against necrotic and apoptotic cell death induced by glutamate. Cell Death and Disease, 2013, 4, e636-e636.	6.3	54

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19	Interaction between neuropeptide Y (NPY) and brainâ€derived neurotrophic factor in NPYâ€mediated neuroprotection against excitotoxicity: a role for microglia. European Journal of Neuroscience, 2008, 27, 2089-2102.	2.6	50
20	Caloric restriction stimulates autophagy in rat cortical neurons through neuropeptide Y and ghrelin receptors activation. Aging, 2016, 8, 1470-1484.	3.1	50
21	Deletion of the neuropeptide Y (NPY) Y ₁ receptor gene reveals a regulatory role of NPY on catecholamine synthesis and secretion. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10497-10502.	7.1	49
22	Neuropeptide Y stimulates retinal neural cell proliferation â€“ involvement of nitric oxide. Journal of Neurochemistry, 2008, 105, 2501-2510.	3.9	46
23	Up-regulation of neuropeptide Y levels and modulation of glutamate release through neuropeptide Y receptors in the hippocampus of kainate-induced epileptic rats. Journal of Neurochemistry, 2005, 93, 163-170.	3.9	45
24	Isolation, Characterization, and Differentiation of Progenitor Cells from Human Adult Adrenal Medulla. Stem Cells Translational Medicine, 2012, 1, 783-791.	3.3	45
25	Moderate Long-Term Modulation of Neuropeptide Y in Hypothalamic Arcuate Nucleus Induces Energy Balance Alterations in Adult Rats. PLoS ONE, 2011, 6, e22333.	2.5	44
26	Neuropeptide Y mitigates neuropathology and motor deficits in mouse models of Machadoâ€“Joseph disease. Human Molecular Genetics, 2015, 24, 5451-5463.	2.9	43
27	Contribution of TNF receptor 1 to retinal neural cell death induced by elevated glucose. Molecular and Cellular Neurosciences, 2012, 50, 113-123.	2.2	42
28	Stress-Induced Hypertension and Increased Sympathetic Activity in Mice Overexpressing Neuropeptide Y in Noradrenergic Neurons. Neuroendocrinology, 2009, 89, 351-360.	2.5	40
29	Neuropeptide Y protects retinal neural cells against cell death induced by ecstasy. Neuroscience, 2008, 152, 97-105.	2.3	39
30	Dipeptidyl-peptidase-IV by cleaving neuropeptide Y induces lipid accumulation and PPAR-Î³ expression. Peptides, 2012, 37, 49-54.	2.4	37
31	Neuropeptide Y: An Anti-Aging Player?. Trends in Neurosciences, 2015, 38, 701-711.	8.6	37
32	Role of Beta-adrenergic Receptors and Sirtuin Signaling in the Heart During Aging, Heart Failure, and Adaptation to Stress. Cellular and Molecular Neurobiology, 2018, 38, 109-120.	3.3	36
33	Regulation of catecholamine release and tyrosine hydroxylase in human adrenal chromaffin cells by interleukinâ€1Î²: role of neuropeptide Y and nitric oxide. Journal of Neurochemistry, 2009, 109, 911-922.	3.9	33
34	NPY, NPY receptors, and DPP IV activity are modulated by LPS, TNF-Î± and IFN-Î³ in HUVEC. Regulatory Peptides, 2003, 116, 71-79.	1.9	31
35	Intracellular mechanisms coupled to NPY Y2 and Y5 receptor activation and lipid accumulation in murine adipocytes. Neuropeptides, 2012, 46, 359-366.	2.2	31
36	Hypothalamic Dysfunction in Obesity and Metabolic Disorders. Advances in Neurobiology, 2017, 19, 73-116.	1.8	31

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37	Proliferative Hypothalamic Neurospheres Express NPY, AGRP, POMC, CART and Orexin-A and Differentiate to Functional Neurons. PLoS ONE, 2011, 6, e19745.	2.5	31
38	NPY in rat retina is present in neurons, in endothelial cells and also in microglial and MÃ¼ller cells. Neurochemistry International, 2007, 50, 757-763.	3.8	30
39	The importance of determining circadian parameters in pharmacological studies. British Journal of Pharmacology, 2019, 176, 2827-2847.	5.4	30
40	Angiotensin II mediates catecholamine and neuropeptide Y secretion in human adrenal chromaffin cells through the AT1 receptor. Regulatory Peptides, 2003, 111, 61-65.	1.9	27
41	Neuropeptide Y Receptors Y₁and Y₂are Present in Neurons and Glial Cells in Rat Retinal Cells in Culture. , 2013, 54, 429.		27
42	Dibasic cleavage site is required for sorting to the regulated secretory pathway for both pro- and neuropeptide Y. Journal of Neurochemistry, 2002, 81, 1166-1175.	3.9	26
43	Neuropeptide Y expression, localization and cellular transducing effects in HUVEC. Biology of the Cell, 2005, 97, 457-467.	2.0	25
44	Neuropeptide Y regulates catecholamine release evoked by interleukin-1Î² in mouse chromaffin cells. Peptides, 2007, 28, 310-314.	2.4	25
45	Neuropeptide Y system in the retina: From localization to function. Progress in Retinal and Eye Research, 2015, 47, 19-37.	15.5	25
46	Activation of Neuropeptide Y Receptors Modulates Retinal Ganglion Cell Physiology and Exerts Neuroprotective Actions In Vitro. ASN Neuro, 2015, 7, 175909141559829.	2.7	24
47	Dichotomous Sirtuins: Implications for Drug Discovery in Neurodegenerative and Cardiometabolic Diseases. Trends in Pharmacological Sciences, 2019, 40, 1021-1039.	8.7	24
48	NPY Regulates Catecholamine Secretion from Human Adrenal Chromaffin Cells. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 5956-5963.	3.6	24
49	Regulation of catecholamine release in human adrenal chromaffin cells by Î²-adrenoceptors. Neurochemistry International, 2012, 60, 387-393.	3.8	23
50	Emerging novel roles of neuropeptide Y in the retina: From neuromodulation to neuroprotection. Progress in Neurobiology, 2014, 112, 70-79.	5.7	23
51	Unraveling the Role of Ataxin-2 in Metabolism. Trends in Endocrinology and Metabolism, 2017, 28, 309-318.	7.1	23
52	Effect of Diabetes/Hyperglycemia on the Rat Retinal Adenosinergic System. PLoS ONE, 2013, 8, e67499.	2.5	21
53	Dipeptidyl peptidase IV (DPP-IV) inhibition prevents fibrosis in adipose tissue of obese mice. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 403-413.	2.4	21
54	Trehalose alleviates the phenotype of Machadoâ€“Joseph disease mouse models. Journal of Translational Medicine, 2020, 18, 161.	4.4	21

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55	NPY/neuropeptide Y enhances autophagy in the hypothalamus: a mechanism to delay aging?. Autophagy, 2015, 11, 1431-1433.	9.1	20
56	In vitro susceptibility of Trypanosoma brucei brucei to selected essential oils and their major components. Experimental Parasitology, 2018, 190, 34-40.	1.2	20
57	Small-molecule modulators of the circadian clock: Pharmacological potentials in circadian-related diseases. Drug Discovery Today, 2021, 26, 1620-1641.	6.4	20
58	Hypoxia mimetic induces lipid accumulation through mitochondrial dysfunction and stimulates autophagy in murine preadipocyte cell line. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 673-682.	2.4	19
59	Neuropeptide Y inhibits [Ca²⁺]_i changes in rat retinal neurons through NPY Y₁, Y₄, and Y₅ receptors. Journal of Neurochemistry, 2009, 109, 1508-1515.	3.9	18
60	Impaired adrenal medullary function in a mouse model of depression induced by unpredictable chronic stress. European Neuropsychopharmacology, 2015, 25, 1753-1766.	0.7	18
61	Molecular Mechanisms and Cellular Pathways Implicated in Machado-Joseph Disease Pathogenesis. Advances in Experimental Medicine and Biology, 2018, 1049, 349-367.	1.6	18
62	Long-term continuous positive airway pressure treatment ameliorates biological clock disruptions in obstructive sleep apnea. EBioMedicine, 2021, 65, 103248.	6.1	18
63	Intracellular signaling mechanisms mediating catecholamine release upon activation of NPY Y1receptors in mouse chromaffin cells. Journal of Neurochemistry, 2007, 103, 896-903.	3.9	16
64	PI3K/AKT/MTOR and ERK1/2-MAPK signaling pathways are involved in autophagy stimulation induced by caloric restriction or caloric restriction mimetics in cortical neurons. Aging, 2021, 13, 7872-7882.	3.1	15
65	The Adenosinergic System in Diabetic Retinopathy. Journal of Diabetes Research, 2016, 2016, 1-8.	2.3	14
66	Neuropeptide Y Enhances Progerin Clearance and Ameliorates the Senescent Phenotype of Human Hutchinson-Gilford Progeria Syndrome Cells. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1073-1078.	3.6	14
67	Peripheral biomarkers to diagnose obstructive sleep apnea in adults: A systematic review and meta-analysis. Sleep Medicine Reviews, 2022, 64, 101659.	8.5	14
68	Catecholamine and Neuropeptide Y Secretion from Human Adrenal Chromaffin Cells. Annals of the New York Academy of Sciences, 2002, 971, 332-334.	3.8	11
69	Fluoxetine Induces Proliferation and Inhibits Differentiation of Hypothalamic Neuroprogenitor Cells In Vitro. PLoS ONE, 2014, 9, e88917.	2.5	11
70	Neuropeptide Y (NPY) intranasal delivery alleviates Machadoâ€“Joseph disease. Scientific Reports, 2021, 11, 3345.	3.3	11
71	Blueberry Counteracts Prediabetes in a Hypercaloric Diet-Induced Rat Model and Rescues Hepatic Mitochondrial Bioenergetics. Nutrients, 2021, 13, 4192.	4.1	10
72	In vitro study of the interaction of Tilia europeae L. aqueous extract with GABAA receptors in rat brain. , 1997, 11, 17-21.		9

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73	Effects of 3,4-Methylenedioxymethamphetamine Administration on Retinal Physiology in the Rat. PLoS ONE, 2011, 6, e29583.	2.5	9
74	SIRT2 Deficiency Exacerbates Hepatic Steatosis via a Putative Role of the ER Stress Pathway. International Journal of Molecular Sciences, 2022, 23, 6790.	4.1	9
75	Differential Secretion of Catecholamine and Neuropeptide Y in Response to KCl from Mice Chromaffin Cells. Annals of the New York Academy of Sciences, 2002, 971, 335-337.	3.8	8
76	Antileishmanial activity of antiretroviral drugs combined with miltefosine. Parasitology Research, 2016, 115, 3881-3887.	1.6	5
77	Common risk factors and therapeutic targets in obstructive sleep apnea and osteoarthritis: An unexpectable link?. Pharmacological Research, 2021, 164, 105369.	7.1	5
78	NPY Y1 receptor is not involved in the hemodynamic response to an acute cold pressor test in mice. Peptides, 2007, 28, 315-319.	2.4	4
79	Blueberry Consumption Challenges Hepatic Mitochondrial Bioenergetics and Elicits Transcriptomics Reprogramming in Healthy Wistar Rats. Pharmaceutics, 2020, 12, 1094.	4.5	4
80	Cardiovascular effects of fentanyl in conscious rats. Pflugers Archiv European Journal of Physiology, 2001, 443, 155-162.	2.8	3
81	PET Imaging of the Neuropeptide Y System: A Systematic Review. Molecules, 2022, 27, 3726.	3.8	3
82	Quizzes as an active learning strategy: A study with students of pharmaceutical sciences. , 2017, , .		2
83	OUP accepted manuscript. Nutrition Reviews, 2022, , .	5.8	2
84	Progenitor Cells in Chromospheres: In Response to Arthur S. Tischler. Stem Cells Translational Medicine, 2013, 2, 1020-1020.	3.3	0
85	Chronic Unpredictable Stress Induces Catecholaminergic System Changes in Mouse Adrenal Gland. , 2014, , 205.		0
86	Hypothalamic involvement in premature aging laminopathies. Orphanet Journal of Rare Diseases, 2015, 10, .	2.7	0
87	Unravelling the mechanisms of neuronal, hepatic, cardiac and renal cell toxicity of two synthetic cannabinoids, 5F-PB 22 and XLR-11. Toxicology Letters, 2017, 280, S87.	0.8	0
88	The NutriClock Study Protocol - Assessing the Impact of a Chrononutrition Intervention in Patients With Cardiometabolic Disturbances. Current Developments in Nutrition, 2021, 5, 468.	0.3	0
89	Neuropeptide Y Family Peptides. , 2009, , 43-66.		0
90	Catecholamine Release Modulation by Adenosine Through A2a Receptors in Mouse Chromaffin Cells in Culture. , 2014, , 244-245.		0

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91	Catecholamine Release Modulation by Adenosine through A2AReceptors in Mouse Chromaffin Cell Culture. , 2014, , 235.		0
92	NEUROPEPTIDE Y RESCUES AGING PHENOTYPE OF HUMAN HUTCHINSON-GILFORD PROGERIA SYNDROME FIBROBLASTS. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR11-1.	0.0	0
93	The Superpowers of Our Sleep. Frontiers for Young Minds, 0, 8, .	0.8	0