

Ana I Arroba

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.

36
papers

940
citations

15
h-index

30
g-index

41
ext. papers

1,142
ext. citations

5.2
avg, IF

4.1
L-index

#	Paper	IF	Citations
36	Atg5 and Ambra1 differentially modulate neurogenesis in neural stem cells. <i>Autophagy</i> , 2012 , 8, 187-99	10.2	126
35	Topical Administration of GLP-1 Receptor Agonists Prevents Retinal Neurodegeneration in Experimental Diabetes. <i>Diabetes</i> , 2016 , 65, 172-87	0.9	119
34	Microglia-mediated IGF-I neuroprotection in the rd10 mouse model of retinitis pigmentosa 2011 , 52, 9124-30		69
33	Modulation of microglia polarization dynamics during diabetic retinopathy in db/db mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 1663-74	6.9	57
32	Modulation of microglia in the retina: new insights into diabetic retinopathy. <i>Acta Diabetologica</i> , 2017 , 54, 527-533	3.9	50
31	A novel glucagon-like peptide 1/glucagon receptor dual agonist improves steatohepatitis and liver regeneration in mice. <i>Hepatology</i> , 2017 , 65, 950-968	11.2	49
30	Reduction in the number of astrocytes and their projections is associated with increased synaptic protein density in the hypothalamus of poorly controlled diabetic rats. <i>Endocrinology</i> , 2006 , 147, 5314-24	4.8	44
29	Attenuation of vision loss and delay in apoptosis of photoreceptors induced by proinsulin in a mouse model of retinitis pigmentosa 2008 , 49, 4188-94		42
28	IGF-1, Inflammation and Retinal Degeneration: A Close Network. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 203	5.3	33
27	Activation of the intrinsic cell death pathway, increased apoptosis and modulation of astrocytes in the cerebellum of diabetic rats. <i>Neurobiology of Disease</i> , 2006 , 23, 290-9	7.5	33
26	Microglia-Müller glia crosstalk in the rd10 mouse model of retinitis pigmentosa. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 801, 373-9	3.6	29
25	IGF-I maintains calpastatin expression and attenuates apoptosis in several models of photoreceptor cell death. <i>European Journal of Neuroscience</i> , 2009 , 30, 975-86	3.5	28
24	Activation of caspase 8 in the pituitaries of streptozotocin-induced diabetic rats: implication in increased apoptosis of lactotrophs. <i>Endocrinology</i> , 2005 , 146, 4417-24	4.8	23
23	Growth hormone-releasing peptide-6 inhibits cerebellar cell death in aged rats. <i>NeuroReport</i> , 2003 , 14, 1633-5	1.7	20
22	Somatostatin protects photoreceptor cells against high glucose-induced apoptosis. <i>Molecular Vision</i> , 2016 , 22, 1522-1531	2.3	17
21	Cellular prion protein modulates β amyloid deposition in aged APP/PS1 transgenic mice. <i>Neurobiology of Aging</i> , 2013 , 34, 2793-804	5.6	15
20	Spontaneous generation of infectious prion disease in transgenic mice. <i>Emerging Infectious Diseases</i> , 2013 , 19, 1938-47	10.2	15

19	The number of lactotrophs is reduced in the anterior pituitary of streptozotocin-induced diabetic rats. <i>Diabetologia</i> , 2003 , 46, 634-8	10.3	15
18	The sp-imosugar glycolipid 1-dodecylsulfonyl-5N,6O-oxomethylidenenojirimycin (DSO-ONJ) as selective anti-inflammatory agent by modulation of hemeoxygenase-1 in Bv.2 microglial cells and retinal explants. <i>Food and Chemical Toxicology</i> , 2018 , 111, 454-466	4.7	15
17	Effects of the neuroprotective drugs somatostatin and brimonidine on retinal cell models of diabetic retinopathy. <i>Acta Diabetologica</i> , 2016 , 53, 957-964	3.9	14
16	Somatostatin protects human retinal pericytes from inflammation mediated by microglia. <i>Experimental Eye Research</i> , 2017 , 164, 46-54	3.7	12
15	Inhibition of Protein Tyrosine Phosphatase 1B Improves IGF-I Receptor Signaling and Protects Against Inflammation-Induced Gliosis in the Retina 2015 , 56, 8031-44		12
14	Autophagy resolves early retinal inflammation in Igf1-deficient mice. <i>DMM Disease Models and Mechanisms</i> , 2016 , 9, 965-74	4.1	12
13	Loss of protein tyrosine phosphatase 1B increases IGF-I receptor tyrosine phosphorylation but does not rescue retinal defects in IRS2-deficient mice 2013 , 54, 4215-25		11
12	Cell-specific expression of X-linked inhibitor of apoptosis in the anterior pituitary of streptozotocin-induced diabetic rats. <i>Journal of Endocrinology</i> , 2007 , 192, 215-27	4.7	11
11	Synthesis of polyfluoroalkyl sp-imosugar glycolipids and evaluation of their immunomodulatory properties towards anti-tumor, anti-leishmanial and anti-inflammatory therapies. <i>European Journal of Medicinal Chemistry</i> , 2019 , 182, 111604	6.8	10
10	Oestrogen requires the insulin-like growth factor-I receptor for stimulation of prolactin synthesis via mitogen-activated protein kinase. <i>Journal of Neuroendocrinology</i> , 2005 , 17, 97-104	3.8	10
9	Rapamycin negatively impacts insulin signaling, glucose uptake and uncoupling protein-1 in brown adipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 1929-1941	5	10
8	Imbalance between pro-apoptotic and pro-survival factors in human retinal pericytes in diabetic-like conditions. <i>Acta Ophthalmologica</i> , 2018 , 96, e19-e26	3.7	8
7	Increased apoptosis of lactotrophs in streptozotocin-induced diabetic rats is followed by increased proliferation. <i>Journal of Endocrinology</i> , 2006 , 191, 55-63	4.7	7
6	Effect of Topical Administration of Somatostatin on Retinal Inflammation and Neurodegeneration in an Experimental Model of Diabetes. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
5	Insulin receptor substrate 2 (IRS2) deficiency delays liver fibrosis associated with cholestatic injury. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	4
4	Anti-Inflammatory (M2) Response Is Induced by a sp-Iminosugar Glycolipid Sulfoxide in Diabetic Retinopathy. <i>Frontiers in Immunology</i> , 2021 , 12, 632132	8.4	3
3	Friedelane-type triterpenoids as selective anti-inflammatory agents by regulation of differential signaling pathways in LPS-stimulated macrophages. <i>Toxicology and Applied Pharmacology</i> , 2016 , 313, 57-67	4.6	3
2	A New Perspective on Huntington's Disease: How a Neurological Disorder Influences the Peripheral Tissues. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6089	6.3	1

1 Adult kidney explants is a physiologic model for studying diabetic nephropathy.. *Life Sciences*, **2022**, 120575 ○