

# Ana I Arroba

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,280  
citations

471061

17  
h-index

395343

33  
g-index

41  
all docs

41  
docs citations

41  
times ranked

4358  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topical Administration of GLP-1 Receptor Agonists Prevents Retinal Neurodegeneration in Experimental Diabetes. <i>Diabetes</i> , 2016, 65, 172-187.	0.3	168
2	Atg5 and Ambra1 differentially modulate neurogenesis in neural stem cells. <i>Autophagy</i> , 2012, 8, 187-199.	4.3	153
3	Microglia-Mediated IGF-I Neuroprotection in the rd10 Mouse Model of Retinitis Pigmentosa. , 2011, 52, 9124.		80
4	Modulation of microglia polarization dynamics during diabetic retinopathy in db / db mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1663-1674.	1.8	80
5	Modulation of microglia in the retina: new insights into diabetic retinopathy. <i>Acta Diabetologica</i> , 2017, 54, 527-533.	1.2	72
6	A novel glucagon-like peptide 1/glucagon receptor dual agonist improves steatohepatitis and liver regeneration in mice. <i>Hepatology</i> , 2017, 65, 950-968.	3.6	67
7	IGF-1, Inflammation and Retinal Degeneration: A Close Network. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 203.	1.7	66
8	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, 5314-5324.	1.4	55
9	Attenuation of Vision Loss and Delay in Apoptosis of Photoreceptors Induced by Proinsulin in a Mouse Model of Retinitis Pigmentosa. , 2008, 49, 4188.		46
10	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, 290-299.	2.1	43
11	Microglia-Müller Glia Crosstalk in the rd10 Mouse Model of Retinitis Pigmentosa. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 373-379.	0.8	37
12	IGF-1 maintains calpastatin expression and attenuates apoptosis in several models of photoreceptor cell death. <i>European Journal of Neuroscience</i> , 2009, 30, 975-986.	1.2	30
13	Activation of Caspase 8 in the Pituitaries of Streptozotocin-Induced Diabetic Rats: Implication in Increased Apoptosis of Lactotrophs. <i>Endocrinology</i> , 2005, 146, 4417-4424.	1.4	24
14	Growth hormone-releasing peptide-6 inhibits cerebellar cell death in aged rats. <i>NeuroReport</i> , 2003, 14, 1633-1635.	0.6	22
15	Effects of the neuroprotective drugs somatostatin and brimonidine on retinal cell models of diabetic retinopathy. <i>Acta Diabetologica</i> , 2016, 53, 957-964.	1.2	19
16	The sp 2 -iminosugar glycolipid 1-dodecylsulfonyl-5 N ,6 O -oxomethylidenenojirimycin (DSO 2 -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.	1.8	19
17	The number of lactotrophs is reduced in the anterior pituitary of streptozotocin-induced diabetic rats. <i>Diabetologia</i> , 2003, 46, 634-638.	2.9	18
18	Spontaneous Generation of Infectious Prion Disease in Transgenic Mice. <i>Emerging Infectious Diseases</i> , 2013, 19, 1938-1947.	2.0	18

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19	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.	1.2	18
20	Synthesis of polyfluoroalkyl sp <sup>2</sup> -iminosugar 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.	2.6	18
21	Somatostatin protects photoreceptor cells against high glucose-induced apoptosis. <i>Molecular Vision</i> , 2016, 22, 1522-1531.	1.1	18
22	Cellular prion protein modulates $\beta$ -amyloid deposition in aged APP/PS1 transgenic mice. <i>Neurobiology of Aging</i> , 2013, 34, 2793-2804.	1.5	17
23	Autophagy resolves early retinal inflammation in <i>Igf1</i> -deficient mice. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 965-74.	1.2	17
24	IL-1 $\beta$ Implications in Type 1 Diabetes Mellitus Progression: Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 1303.	1.0	17
25	Inhibition of Protein Tyrosine Phosphatase 1B Improves IGF-I Receptor Signaling and Protects Against Inflammation-Induced Gliosis in the Retina. , 2015, 56, 8031.		16
26	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, 2579.	1.0	15
27	Somatostatin protects human retinal pericytes from inflammation mediated by microglia. <i>Experimental Eye Research</i> , 2017, 164, 46-54.	1.2	13
28	Anti-Inflammatory (M2) Response Is Induced by a sp <sup>2</sup> -Iminosugar Glycolipid Sulfoxide in Diabetic Retinopathy. <i>Frontiers in Immunology</i> , 2021, 12, 632132.	2.2	13
29	Diterpenoids from the Brown Alga <i>Rugulopteryx okamurae</i> and Their Anti-Inflammatory Activity. <i>Marine Drugs</i> , 2021, 19, 677.	2.2	13
30	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, 215-227.	1.2	12
31	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.		11
32	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.	1.2	10
33	Insulin receptor substrate 2 (IRS2)-deficiency delays liver fibrosis associated to cholestatic injury. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	10
34	Increased apoptosis of lactotrophs in streptozotocin-induced diabetic rats is followed by increased proliferation. <i>Journal of Endocrinology</i> , 2006, 191, 55-63.	1.2	9
35	Imbalance between proapoptotic and prosurvival factors in human retinal pericytes in diabetic-like conditions. <i>Acta Ophthalmologica</i> , 2018, 96, e19-e26.	0.6	9
36	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.	1.3	7

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37	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.	1.8	7
38	Angiogenic Imbalance and Inflammatory Biomarkers in the Prediction of Hypertension as Well as Obstetric and Perinatal Complications in Women with Gestational Diabetes Mellitus. <i>Journal of Clinical Medicine</i> , 2022, 11, 1514.	1.0	6
39	Synthesis of sp <sup>2</sup> -Iminosugar Selenoglycolipids as Multitarget Drug Candidates with Antiproliferative, Leishmanicidal and Anti-Inflammatory Properties. <i>Molecules</i> , 2021, 26, 7501.	1.7	4
40	Adult kidney explants is a physiologic model for studying diabetic nephropathy. <i>Life Sciences</i> , 2022, 300, 120575.	2.0	2
41	Blood Pressure Monitoring and Perinatal Outcomes in Normotensive Women with Gestational Diabetes Mellitus. <i>Journal of Clinical Medicine</i> , 2022, 11, 1435.	1.0	1