Laura FernÃ¡ndez-SÃ¡nchez

List of Publications by Year
in descending order

37 papers	1,851 citations	331670 21 h-index	395702 33 g-index
40 all docs	40 docs citations	40 times ranked	2502 citing authors

#	Article	IF	Citations
1	Systemic epigallocatechin gallate protects against retinal degeneration and hepatic oxidative stress in the P23H-1 rat. Neural Regeneration Research, 2022, 17, 625.	3.0	10
2	Neuroprotective Effects of Tauroursodeoxicholic Acid Involves Vascular and Glial Changes in Retinitis Pigmentosa Model. Frontiers in Neuroanatomy, 2022, 16, 858073.	1.7	2
3	Inherited Retinal Dystrophies: Role of Oxidative Stress and Inflammation in Their Physiopathology and Therapeutic Implications. Antioxidants, 2022, 11, 1086.	5.1	14
4	Interpretation of OCT and OCTA images from a histological approach: Clinical and experimental implications. Progress in Retinal and Eye Research, 2020, 77, 100828.	15.5	77
5	Role of GUCA1C in Primary Congenital Glaucoma and in the Retina: Functional Evaluation in Zebrafish. Genes, 2020, 11, 550.	2.4	10
6	EvaluaciÃ³n de dos mÃ©todos de propagaciÃ³n para la conservaciÃ³n ex situ de tres melastomatÃ¡ceas altoandinas. Caldasia, 2020, 42, 129-141.	0.2	2
7	Metalâ€“Organic Frameworks as Drug Delivery Platforms for Ocular Therapeutics. ACS Applied Materials & Interfaces, 2019, 11, 1924-1931.	8.0	73
8	Retinal Vascular Degeneration in the Transgenic P23H Rat Model of Retinitis Pigmentosa. Frontiers in Neuroanatomy, 2018, 12, 55.	1.7	22
9	Topical axitinib is a potent inhibitor of corneal neovascularization. Clinical and Experimental Ophthalmology, 2018, 46, 1063-1074.	2.6	10
10	New Nrf2-Inducer Compound ITH12674 Slows the Progression of Retinitis Pigmentosa in the Mouse Model rd10. Cellular Physiology and Biochemistry, 2018, 54, 142-159.	1.6	18
11	Controlled delivery of tauroursodeoxycholic acid from biodegradable microspheres slows retinal degeneration and vision loss in P23H rats. PLoS ONE, 2017, 12, e0177998.	2.5	39
12	Identification of the Photoreceptor Transcriptional Co-Repressor SAMD11 as Novel Cause of Autosomal Recessive Retinitis Pigmentosa. Scientific Reports, 2016, 6, 35370.	3.3	13
13	Long time remodeling during retinal degeneration evaluated by optical coherence tomography, immunocytochemistry and fundus autofluorescence. Experimental Eye Research, 2016, 150, 122-134.	2.6	24
14	Abnormal activity of corneal cold thermoreceptors underlies the unpleasant sensations in dry eye disease. Pain, 2016, 157, 399-417.	4.2	86
15	Expression and cellular localization of the voltage-gated calcium channel Î±2Î´3in the rodent retina. Journal of Comparative Neurology, 2015, 523, Spc1-Spc1.	1.6	0
16	Expression and cellular localization of the voltageâ€gated calcium channel Î±₂Î´₃ in the rodent retina. Journal of Comparative Neurology, 2015, 523, 1443-1460.	1.6	13
17	Natural Compounds from Saffron and Bear Bile Prevent Vision Loss and Retinal Degeneration. Molecules, 2015, 20, 13875-13893.	3.8	35
18	Astrocytes and MÃ¼ller Cell Alterations During Retinal Degeneration in a Transgenic Rat Model of Retinitis Pigmentosa. Frontiers in Cellular Neuroscience, 2015, 9, 484.	3.7	86

#	Article	IF	Citations
19	Whole-exome sequencing reveals ZNF408 as a new gene associated with autosomal recessive retinitis pigmentosa with vitreal alterations. Human Molecular Genetics, 2015, 24, 4037-4048.	2.9	41
20	Neuroprotective Effect of Tauroursodeoxycholic Acid on N-Methyl-D-Aspartate-Induced Retinal Ganglion Cell Degeneration. PLoS ONE, 2015, 10, e0137826.	2.5	29
21	Correlation between SD-OCT, immunocytochemistry and functional findings in an animal model of retinal degeneration. Frontiers in Neuroanatomy, 2014, 8, 151.	1.7	55
22	Microglia activation in a model of retinal degeneration and TUDCA neuroprotective effects. Journal of Neuroinflammation, 2014, 11, 186.	7.2	81
23	Cellular responses following retinal injuries and therapeutic approaches for neurodegenerative diseases. Progress in Retinal and Eye Research, 2014, 43, 17-75.	15.5	338
24	Loss of Outer Retinal Neurons and Circuitry Alterations in the DBA/2J Mouse. , 2014, 55, 6059.		48
25	Phagocytosis of Photoreceptor Outer Segments by Transplanted Human Neural Stem Cells as a Neuroprotective Mechanism in Retinal Degeneration. , 2013, 54, 6745.		49
26	Partial Rescue of Retinal Function in Chronically Hypoglycemic Mice. , 2012, 53, 915.		5
27	Time course modifications in organotypic culture of human neuroretina. Experimental Eye Research, 2012, 104, 26-38.	2.6	54
28	Proinsulin Slows Retinal Degeneration and Vision Loss in the P23H Rat Model of Retinitis Pigmentosa. Human Gene Therapy, 2012, 23, 1290-1300.	2.7	33
29	Safranal, a Saffron Constituent, Attenuates Retinal Degeneration in P23H Rats. PLoS ONE, 2012, 7, e43074.	2.5	70
30	Age-related functional and structural retinal modifications in the Igf1â^'/â^' null mouse. Neurobiology of Disease, 2012, 46, 476-485.	4.4	35
31	Overexpression of Guanylate Cyclase Activating Protein 2 in Rod Photoreceptors In Vivo Leads to Morphological Changes at the Synaptic Ribbon. PLoS ONE, 2012, 7, e42994.	2.5	14
32	Retinal degeneration in two lines of transgenic S334ter rats. Experimental Eye Research, 2011, 92, 227-237.	2.6	45
33	Rotenone induces degeneration of photoreceptors and impairs the dopaminergic system in the rat retina. Neurobiology of Disease, 2011, 44, 102-115.	4.4	47
34	Tauroursodeoxycholic Acid Prevents Retinal Degeneration in Transgenic P23H Rats. , 2011, 52, 4998.		81
35	Evidence of alpha 7 nicotinic acetylcholine receptor expression in retinal pigment epithelial cells. Visual Neuroscience, 2010, 27, 139-147.	1.0	24
36	Changes in the inner and outer retinal layers after acute increase of the intraocular pressure in adult albino Swiss mice. Experimental Eye Research, 2010, 91, 273-285.	2.6	84

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37	Functional and structural modifications during retinal degeneration in the rd10 mouse. Neuroscience, 2008, 155, 698-713.	2.3	179