

Pedro Lax

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,807
citations

279487

23
h-index

301761

39
g-index

53
all docs

53
docs citations

53
times ranked

2201
citing authors

#	ARTICLE	IF	CITATIONS
1	Current and future therapeutic strategies for the treatment of retinal neurodegenerative diseases. <i>Neural Regeneration Research</i> , 2022, 17, 103.	1.6	7
2	Combined drug triads for synergic neuroprotection in retinal degeneration. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112911.	2.5	7
3	Neuroprotective Effects of Tauroursodeoxicholic Acid Involves Vascular and Glial Changes in Retinitis Pigmentosa Model. <i>Frontiers in Neuroanatomy</i> , 2022, 16, 858073.	0.9	2
4	Sodium Hyaluronate-Induced Ocular Hypertension in Rats Damages the Direction-Selective Circuit and Inner/Outer Retinal Plexiform Layers. , 2022, 63, 2.		6
5	Inherited Retinal Dystrophies: Role of Oxidative Stress and Inflammation in Their Physiopathology and Therapeutic Implications. <i>Antioxidants</i> , 2022, 11, 1086.	2.2	14
6	Retinitis pigmentosa is associated with shifts in the gut microbiome. <i>Scientific Reports</i> , 2021, 11, 6692.	1.6	16
7	Decrease in DHA and other fatty acids correlates with photoreceptor degeneration in retinitis pigmentosa. <i>Experimental Eye Research</i> , 2021, 209, 108667.	1.2	9
8	Short-term high-fat feeding exacerbates degeneration in retinitis pigmentosa by promoting retinal oxidative stress and inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	18
9	Interpretation of OCT and OCTA images from a histological approach: Clinical and experimental implications. <i>Progress in Retinal and Eye Research</i> , 2020, 77, 100828.	7.3	77
10	Gradual Increase in Environmental Light Intensity Induces Oxidative Stress and Inflammation and Accelerates Retinal Neurodegeneration. , 2020, 61, 1.		23
11	Dopaminergic Retinal Cell Loss and Visual Dysfunction in Parkinson Disease. <i>Annals of Neurology</i> , 2020, 88, 893-906.	2.8	52
12	Photosensitive Melanopsin-Containing Retinal Ganglion Cells in Health and Disease: Implications for Circadian Rhythms. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3164.	1.8	36
13	The Absence of Toll-Like Receptor 4 Mildly Affects the Structure and Function in the Adult Mouse Retina. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 59.	1.8	10
14	Cannabinoid-mediated retinal rescue correlates with improved circadian parameters in retinal dystrophic rats. <i>Experimental Eye Research</i> , 2019, 180, 192-199.	1.2	4
15	Systemic inflammation induced by lipopolysaccharide aggravates inherited retinal dystrophy. <i>Cell Death and Disease</i> , 2018, 9, 350.	2.7	55
16	Degeneration of human photosensitive retinal ganglion cells may explain sleep and circadian rhythms disorders in Parkinson's disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 90.	2.4	56
17	Retinal Vascular Degeneration in the Transgenic P23H Rat Model of Retinitis Pigmentosa. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 55.	0.9	22
18	New Nrf2-Inducer Compound ITH12674 Slows the Progression of Retinitis Pigmentosa in the Mouse Model rd10. <i>Cellular Physiology and Biochemistry</i> , 2018, 54, 142-159.	1.1	18

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19	CHAPTER 1. The Cellular Course of Retinal Degenerative Conditions. RSC Drug Discovery Series, 2018, , 1-30.	0.2	1
20	Loss of Melanopsin-Expressing Ganglion Cell Subtypes and Dendritic Degeneration in the Aging Human Retina. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 79.	1.7	68
21	Controlled delivery of tauroursodeoxycholic acid from biodegradable microspheres slows retinal degeneration and vision loss in P23H rats. <i>PLoS ONE</i> , 2017, 12, e0177998.	1.1	39
22	Progesterone Attenuates Microglial-Driven Retinal Degeneration and Stimulates Protective Fractalkine-CX3CR1 Signaling. <i>PLoS ONE</i> , 2016, 11, e0165197.	1.1	44
23	Persistent inflammatory state after photoreceptor loss in an animal model of retinal degeneration. <i>Scientific Reports</i> , 2016, 6, 33356.	1.6	47
24	Long time remodeling during retinal degeneration evaluated by optical coherence tomography, immunocytochemistry and fundus autofluorescence. <i>Experimental Eye Research</i> , 2016, 150, 122-134.	1.2	24
25	Age-related changes in photosensitive melanopsin-expressing retinal ganglion cells correlate with circadian rhythm impairments in sighted and blind rats. <i>Chronobiology International</i> , 2016, 33, 374-391.	0.9	27
26	Natural Compounds from Saffron and Bear Bile Prevent Vision Loss and Retinal Degeneration. <i>Molecules</i> , 2015, 20, 13875-13893.	1.7	35
27	Astrocytes and M μ ller Cell Alterations During Retinal Degeneration in a Transgenic Rat Model of Retinitis Pigmentosa. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 484.	1.8	86
28	Neuroprotective Effect of Tauroursodeoxycholic Acid on N-Methyl-D-Aspartate-Induced Retinal Ganglion Cell Degeneration. <i>PLoS ONE</i> , 2015, 10, e0137826.	1.1	29
29	Microglia activation in a model of retinal degeneration and TUDCA neuroprotective effects. <i>Journal of Neuroinflammation</i> , 2014, 11, 186.	3.1	81
30	Cellular responses following retinal injuries and therapeutic approaches for neurodegenerative diseases. <i>Progress in Retinal and Eye Research</i> , 2014, 43, 17-75.	7.3	338
31	Neuroprotective effects of the cannabinoid agonist HU210 on retinal degeneration. <i>Experimental Eye Research</i> , 2014, 120, 175-185.	1.2	52
32	Characterization of a new murine retinal cell line (MU-PH1) with glial, progenitor and photoreceptor characteristics. <i>Experimental Eye Research</i> , 2013, 110, 125-135.	1.2	8
33	Impairment of Intrinsically Photosensitive Retinal Ganglion Cells Associated With Late Stages of Retinal Degeneration. , 2013, 54, 4605.		36
34	Circadian Dysfunction in a Rotenone-Induced Parkinsonian Rodent Model. <i>Chronobiology International</i> , 2012, 29, 147-156.	0.9	28
35	Proinsulin Slows Retinal Degeneration and Vision Loss in the P23H Rat Model of Retinitis Pigmentosa. <i>Human Gene Therapy</i> , 2012, 23, 1290-1300.	1.4	33
36	Safranal, a Saffron Constituent, Attenuates Retinal Degeneration in P23H Rats. <i>PLoS ONE</i> , 2012, 7, e43074.	1.1	70

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37	Circadian dysfunction in P23H rhodopsin transgenic rats: effects of exogenous melatonin. <i>Journal of Pineal Research</i> , 2011, 50, 183-191.	3.4	30
38	Rotenone induces degeneration of photoreceptors and impairs the dopaminergic system in the rat retina. <i>Neurobiology of Disease</i> , 2011, 44, 102-115.	2.1	47
39	Tauroursodeoxycholic Acid Prevents Retinal Degeneration in Transgenic P23H Rats. , 2011, 52, 4998.		81
40	Evidence of alpha 7 nicotinic acetylcholine receptor expression in retinal pigment epithelial cells. <i>Visual Neuroscience</i> , 2010, 27, 139-147.	0.5	24
41	Melatonin inhibits nicotinic currents in cultured rat cerebellar granule neurons. <i>Journal of Pineal Research</i> , 2007, 44, 070924025716001-???	3.4	11
42	Fractional Ca ²⁺ current through human neuronal $\alpha 7$ nicotinic acetylcholine receptors. <i>Cell Calcium</i> , 2003, 34, 205-209.	1.1	61
43	Nicotine modulates the spontaneous synaptic activity in cultured embryonic rat spinal cord interneurons. <i>Journal of Neuroscience Research</i> , 2002, 67, 329-336.	1.3	9
44	Macronutrient Self-Selection Pattern in Rats under Different Lighting Conditions. <i>Biological Rhythm Research</i> , 2000, 31, 71-87.	0.4	0
45	Food Entrainment to 4-h T Cycles in Rats Kept Under Constant Lighting Conditions. <i>Physiology and Behavior</i> , 1999, 67, 307-314.	1.0	2
46	Food-Entrained Feeding and Locomotor Circadian Rhythms in Rats Under Different Lighting Conditions. <i>Chronobiology International</i> , 1999, 16, 281-291.	0.9	21
47	Repeated short-fasting modifies the macronutrient self-selection pattern in rats. <i>Physiology and Behavior</i> , 1998, 65, 69-76.	1.0	24
48	Coupling effect of locomotor activity on the rat's circadian system. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R580-R587.	0.9	12
49	A contact eatometer suitable for feeding restriction schedules. <i>Physiology and Behavior</i> , 1996, 59, 1179-1183.	1.0	7