

Isabel Pinilla

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7348201/isabel-pinilla-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

2,302
citations

27
h-index

47
g-index

77
ext. papers

2,787
ext. citations

4.6
avg, IF

4.76
L-index

#	Paper	IF	Citations
72	Systemic epigallocatechin gallate protects against retinal degeneration and hepatic oxidative stress in the P23H-1 rat. <i>Neural Regeneration Research</i> , 2022 , 17, 625-631	4.5	3
71	Inherited Retinal Dystrophies: Role of Oxidative Stress and Inflammation in Their Physiopathology and Therapeutic Implications. <i>Antioxidants</i> , 2022 , 11, 1086	7.1	2
70	Response to letter to editor "Measuring of retina function using microperimetry in diabetic retinopathy". <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 260, 1037	3.8	
69	Effects of Daily Melatonin Supplementation on Visual Loss, Circadian Rhythms, and Hepatic Oxidative Damage in a Rodent Model of Retinitis Pigmentosa. <i>Antioxidants</i> , 2021 , 10,	7.1	1
68	Choroidal Thickness and Volume Modifications Induced by Aerobic Exercise in Healthy Young Adults. <i>Ophthalmic Research</i> , 2021 , 64, 604-612	2.9	2
67	Phenotypic Differences in a Mutation in Members of the Same Family Assessed with OCT and OCTA. <i>Diagnostics</i> , 2021 , 11,	3.8	1
66	Changes in retinal layers in type 1 diabetes mellitus without retinopathy measured by spectral domain and swept source OCTs. <i>Scientific Reports</i> , 2021 , 11, 10427	4.9	2
65	Evaluation of Visual and Nonvisual Levels of Daylight from Spectral Power Distributions Considering Orientation and Seasonality. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5996	2.6	2
64	Choroidal Differences between Spectral and Swept-source Domain Technologies. <i>Current Eye Research</i> , 2021 , 46, 239-247	2.9	1
63	Microperimetry and Optical Coherence Tomography Changes in Type-1 Diabetes Mellitus without Retinopathy. <i>Diagnostics</i> , 2021 , 11,	3.8	3
62	Beyond visual acuity: Patient-relevant assessment measures of visual function in retinal diseases. <i>European Journal of Ophthalmology</i> , 2021 , 31, 3149-3156	1.9	1
61	Structural and functional findings in patients with moderate diabetic retinopathy. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 3625-3635	3.8	1
60	Analysis of Photopic and Melanopic Lighting in Teaching Environments. <i>Buildings</i> , 2021 , 11, 439	3.2	1
59	Tracing the retina to analyze the integrity and phagocytic capacity of the retinal pigment epithelium. <i>Scientific Reports</i> , 2020 , 10, 7273	4.9	6
58	Choroidal Changes of Long-Term Type 1 Diabetic Patients without Retinopathy. <i>Diagnostics</i> , 2020 , 10,	3.8	2
57	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	20.5	36
56	CHANGES IN TOTAL AND INNER RETINAL THICKNESSES IN TYPE 1 DIABETES WITH NO RETINOPATHY AFTER 8 YEARS OF FOLLOW-UP. <i>Retina</i> , 2020 , 40, 1379-1386	3.6	11

55	Epigallocatechin Gallate Slows Retinal Degeneration, Reduces Oxidative Damage, and Modifies Circadian Rhythms in P23H Rats. <i>Antioxidants</i> , 2020 , 9,	7.1	8
54	Reproducibility and staging of 3D human retinal organoids across multiple pluripotent stem cell lines. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	108
53	Cellular Characterization of OCT and Outer Retinal Bands Using Specific Immunohistochemistry Markers and Clinical Implications. <i>Ophthalmology</i> , 2018 , 125, 407-422	7.3	64
52	Retinal Vascular Degeneration in the Transgenic P23H Rat Model of Retinitis Pigmentosa. <i>Frontiers in Neuroanatomy</i> , 2018 , 12, 55	3.6	14
51	Hepatic oxidative stress in pigmented P23H rhodopsin transgenic rats with progressive retinal degeneration. <i>Free Radical Biology and Medicine</i> , 2018 , 124, 550-557	7.8	13
50	Development of optokinetic tracking software for objective evaluation of visual function in rodents. <i>Scientific Reports</i> , 2018 , 8, 10009	4.9	5
49	Interocular Symmetry of Choroidal Thickness and Volume in Healthy Eyes on Optical Coherence Tomography. <i>Ophthalmic Research</i> , 2018 , 59, 81-87	2.9	6
48	Reply. <i>Ophthalmology</i> , 2018 , 125, e48-e49	7.3	1
47	Spectral attenuation of brain and retina tissues in the near-infrared range measured using a fiber-based supercontinuum device. <i>Journal of Biophotonics</i> , 2017 , 10, 1105-1109	3.1	5
46	Early Events in Retinal Degeneration Caused by Rhodopsin Mutation or Pigment Epithelium Malfunction: Differences and Similarities. <i>Frontiers in Neuroanatomy</i> , 2017 , 11, 14	3.6	27
45	Controlled delivery of tauroursodeoxycholic acid from biodegradable microspheres slows retinal degeneration and vision loss in P23H rats. <i>PLoS ONE</i> , 2017 , 12, e0177998	3.7	32
44	Study of spectral-domain optical coherence tomography in children: normal values and influence of age, sex, and refractive status. <i>European Journal of Ophthalmology</i> , 2016 , 26, 135-41	1.9	16
43	Long time remodeling during retinal degeneration evaluated by optical coherence tomography, immunocytochemistry and fundus autofluorescence. <i>Experimental Eye Research</i> , 2016 , 150, 122-34	3.7	22
42	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, 374-91	3.6	20
41	Reprogramming Müller glia via in vivo cell fusion regenerates murine photoreceptors. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3104-16	15.9	47
40	Evaluation of Total Corneal Thickness and Corneal Layers With Spectral-Domain Optical Coherence Tomography. <i>Journal of Refractive Surgery</i> , 2016 , 32, 27-32	3.3	13
39	Regulation of WNT Signaling by VSX2 During Optic Vesicle Patterning in Human Induced Pluripotent Stem Cells. <i>Stem Cells</i> , 2016 , 34, 2625-2634	5.8	23
38	Reply: To PMID 24907431. <i>American Journal of Ophthalmology</i> , 2015 , 159, 818-9	4.9	1

37	CHOROIDAL THICKNESS AND VOLUME IN A HEALTHY PEDIATRIC POPULATION AND ITS RELATIONSHIP WITH AGE, AXIAL LENGTH, AMETROPIA, AND SEX. <i>Retina</i> , 2015 , 35, 2574-83	3.6	14
36	Astrocytes and Müller Cell Alterations During Retinal Degeneration in a Transgenic Rat Model of Retinitis Pigmentosa. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 484	6.1	50
35	Inherited Photoreceptor Degeneration Causes the Death of Melanopsin-Positive Retinal Ganglion Cells and Increases Their Coexpression of Brn3a 2015 , 56, 4592-604		33
34	VSX2 and ASCL1 Are Indicators of Neurogenic Competence in Human Retinal Progenitor Cultures. <i>PLoS ONE</i> , 2015 , 10, e0135830	3.7	6
33	Assessment of Visual and Chromatic Functions in a Rodent Model of Retinal Degeneration 2015 , 56, 6275-83		7
32	Evaluation of patient visual comfort and repeatability of refractive values in non-presbyopic healthy eyes. <i>International Journal of Ophthalmology</i> , 2015 , 8, 1031-6	1.4	6
31	Induced pluripotent stem cells as custom therapeutics for retinal repair: progress and rationale. <i>Experimental Eye Research</i> , 2014 , 123, 161-72	3.7	53
30	Loss of MITF expression during human embryonic stem cell differentiation disrupts retinal pigment epithelium development and optic vesicle cell proliferation. <i>Human Molecular Genetics</i> , 2014 , 23, 6332-44	5.6	39
29	Choroidal thickness and volume in healthy young white adults and the relationships between them and axial length, ametropia and sex. <i>American Journal of Ophthalmology</i> , 2014 , 158, 574-83.e1	4.9	83
28	Correlation between SD-OCT, immunocytochemistry and functional findings in an animal model of retinal degeneration. <i>Frontiers in Neuroanatomy</i> , 2014 , 8, 151	3.6	32
27	Comparison of anterior segment measurements obtained by three different devices in healthy eyes. <i>BioMed Research International</i> , 2014 , 2014, 498080	3	8
26	Repeatability of ocular measurements with a dual-Scheimpflug analyzer in healthy eyes. <i>BioMed Research International</i> , 2014 , 2014, 808646	3	10
25	Cellular responses following retinal injuries and therapeutic approaches for neurodegenerative diseases. <i>Progress in Retinal and Eye Research</i> , 2014 , 43, 17-75	20.5	248
24	Changes in frequency-doubling perimetry in patients with type I diabetes prior to retinopathy. <i>BioMed Research International</i> , 2013 , 2013, 341269	3	11
23	Reproducibility and repeatability of Cirrus and Spectralis Fourier-domain optical coherence tomography of healthy and epiretinal membrane eyes. <i>Retina</i> , 2013 , 33, 1448-55	3.6	19
22	Changes in the photoreceptor mosaic of P23H-1 rats during retinal degeneration: implications for rod-cone dependent survival 2013 , 54, 5888-900		42
21	Safranal, a saffron constituent, attenuates retinal degeneration in P23H rats. <i>PLoS ONE</i> , 2012 , 7, e43074	3.7	58
20	Comparison of retinal nerve fiber layer thickness measurements in healthy subjects using fourier and time domain optical coherence tomography. <i>Journal of Ophthalmology</i> , 2012 , 2012, 107053	2	9

19	Effect of combination therapy with bevacizumab and dexamethasone intravitreal implant in patients with retinal vein occlusion. <i>Retina</i> , 2012 , 32, 1289-94	3.6	71
18	OPTICAL COHERENCE TOMOGRAPHY IN RETINITIS PIGMENTOSA. <i>Retina</i> , 2012 , Publish Ahead of Print,	3.6	2
17	Intra and interoperator reproducibility of retinal nerve fibre and macular thickness measurements using Cirrus Fourier-domain OCT. <i>Acta Ophthalmologica</i> , 2011 , 89, e23-9	3.7	57
16	Fourier-domain OCT in multiple sclerosis patients: reproducibility and ability to detect retinal nerve fiber layer atrophy 2011 , 52, 4124-31		60
15	Optic vesicle-like structures derived from human pluripotent stem cells facilitate a customized approach to retinal disease treatment. <i>Stem Cells</i> , 2011 , 29, 1206-18	5.8	321
14	Tauroursodeoxycholic acid prevents retinal degeneration in transgenic P23H rats 2011 , 52, 4998-5008		72
13	Choroidal and optic disk metastases of a laryngeal carcinoma. <i>Retinal Cases and Brief Reports</i> , 2011 , 5, 30-2	1.1	1
12	Immunohistochemical evidence of synaptic retraction, cytoarchitectural remodeling, and cell death in the inner retina of the rat model of oxygen-induced retinopathy (OIR) 2011 , 52, 1693-708		28
11	Changes in the inner and outer retinal layers after acute increase of the intraocular pressure in adult albino Swiss mice. <i>Experimental Eye Research</i> , 2010 , 91, 273-85	3.7	77
10	Retinal ganglion cell numbers and delayed retinal ganglion cell death in the P23H rat retina. <i>Experimental Eye Research</i> , 2010 , 91, 800-10	3.7	67
9	A novel serum-free method for culturing human prenatal retinal pigment epithelial cells. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 788-99		56
8	Preservation of outer retina and its synaptic connectivity following subretinal injections of human RPE cells in the Royal College of Surgeons rat. <i>Experimental Eye Research</i> , 2007 , 85, 381-92	3.7	50
7	Cocaine-induced preretinal haemorrhage in a young adult. <i>Acta Ophthalmologica</i> , 2007 , 85, 343-4		5
6	Early changes in synaptic connectivity following progressive photoreceptor degeneration in RCS rats. <i>European Journal of Neuroscience</i> , 2005 , 22, 1057-72	3.5	121
5	Predictive value of short-wavelength automated perimetry: a 3-year follow-up study. <i>Ophthalmology</i> , 2002 , 109, 761-5	7.3	34
4	Functional and structural measurements in a multifactorial glaucoma risk model. <i>Acta Ophthalmologica</i> , 2001 , 79, 10-4		2
3	Central retinal vein occlusion and HELLP syndrome. <i>Acta Ophthalmologica</i> , 2000 , 78, 596-8		28
2	Correlation of Functional and Structural Measurements in Eyes Suspected of Having Glaucoma. <i>Journal of Glaucoma</i> , 1999 , 8, 172-176	2.1	15

- 1 Choroidal metastasis of mixed carcinoma of the parotid gland. *Graefes Archive for Clinical and Experimental Ophthalmology*, **1997**, 235, 541-3

3.8 5