

Claudio Punzo

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,947
citations

361413

20
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

2596
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimulation of the insulin/mTOR pathway delays cone death in a mouse model of retinitis pigmentosa. <i>Nature Neuroscience</i> , 2009, 12, 44-52.	14.8	443
2	Loss of Daylight Vision in Retinal Degeneration: Are Oxidative Stress and Metabolic Dysregulation to Blame?. <i>Journal of Biological Chemistry</i> , 2012, 287, 1642-1648.	3.4	161
3	A sequence-oriented comparison of gene expression measurements across different hybridization-based technologies. <i>Nature Biotechnology</i> , 2006, 24, 832-840.	17.5	144
4	Transcription factor <i>Olig2</i> defines subpopulations of retinal progenitor cells biased toward specific cell fates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7882-7887.	7.1	128
5	Activated mTORC1 promotes long-term cone survival in retinitis pigmentosa mice. <i>Journal of Clinical Investigation</i> , 2015, 125, 1446-1458.	8.2	126
6	In Vivo Selection Yields AAV-B1 Capsid for Central Nervous System and Muscle Gene Therapy. <i>Molecular Therapy</i> , 2016, 24, 1247-1257.	8.2	98
7	Aerobic Glycolysis Is Essential for Normal Rod Function and Controls Secondary Cone Death in Retinitis Pigmentosa. <i>Cell Reports</i> , 2018, 23, 2629-2642.	6.4	88
8	Advances in Gene Therapy for Diseases of the Eye. <i>Human Gene Therapy</i> , 2016, 27, 563-579.	2.7	69
9	Comparison of hybridization-based and sequencing-based gene expression technologies on biological replicates. <i>BMC Genomics</i> , 2007, 8, 153.	2.8	61
10	Altered photoreceptor metabolism in mouse causes late stage age-related macular degeneration-like pathologies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13094-13104.	7.1	61
11	Cellular Responses to Photoreceptor Death in the <i>rd1</i> Mouse Model of Retinal Degeneration. , 2007, 48, 849.		58
12	The eyeless homeodomain is dispensable for eye development in <i>Drosophila</i> . <i>Genes and Development</i> , 2001, 15, 1716-1723.	5.9	53
13	YAP/TAZ Activation Drives Uveal Melanoma Initiation and Progression. <i>Cell Reports</i> , 2019, 29, 3200-3211.e4.	6.4	45
14	Functional divergence between eyeless and twin of eyeless in <i>Drosophila melanogaster</i> . <i>Development (Cambridge)</i> , 2004, 131, 3943-3953.	2.5	44
15	Cross-regulatory protein-protein interactions between Hox and Pax transcription factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13439-13444.	7.1	44
16	Store-operated channels regulate intracellular calcium in mammalian rods. <i>Journal of Physiology</i> , 2012, 590, 3465-3481.	2.9	41
17	Ultrasound-guided in utero injections allow studies of the development and function of the eye. <i>Developmental Dynamics</i> , 2008, 237, 1034-1042.	1.8	29
18	Retinal Gene Delivery by rAAV and DNA Electroporation. <i>Current Protocols in Microbiology</i> , 2013, 28, Unit 14D.4.	6.5	29

#	ARTICLE	IF	CITATIONS
19	Loss of mTOR signaling affects cone function, cone structure and expression of cone specific proteins without affecting cone survival. <i>Experimental Eye Research</i> , 2015, 135, 1-13.	2.6	26
20	Improved cell metabolism prolongs photoreceptor survival upon retinal-pigmented epithelium loss in the sodium iodate induced model of geographic atrophy. <i>Oncotarget</i> , 2016, 7, 9620-9633.	1.8	25
21	Localization and phenotype-specific expression of ryanodine calcium release channels in C57BL6 and DBA/2J mouse strains. <i>Experimental Eye Research</i> , 2011, 93, 700-709.	2.6	24
22	Quantifying the metabolic contribution to photoreceptor death in retinitis pigmentosa via a mathematical model. <i>Journal of Theoretical Biology</i> , 2016, 408, 75-87.	1.7	22
23	Replication-dependent histone genes are actively transcribed in differentiating and aging retinal neurons. <i>Cell Cycle</i> , 2014, 13, 2526-2541.	2.6	21
24	Rod Outer Segment Development Influences AAV-Mediated Photoreceptor Transduction After Subretinal Injection. <i>Human Gene Therapy</i> , 2017, 28, 464-481.	2.7	19
25	Temporal requirement of the alternative-splicing factor <i>Sfrs1</i> for the survival of retinal neurons. <i>Development (Cambridge)</i> , 2008, 135, 3923-3933.	2.5	15
26	Sugar for sight. <i>Nature</i> , 2015, 522, 428-429.	27.8	15
27	Plasticity of TRPM1 expression and localization in the wild type and degenerating mouse retina. <i>Vision Research</i> , 2010, 50, 2460-2465.	1.4	13
28	mTORC1 sustains vision in retinitis pigmentosa. <i>Oncotarget</i> , 2015, 6, 16786-16787.	1.8	10
29	Gene therapy approaches for the treatment of retinal disorders. <i>Discovery Medicine</i> , 2016, 22, 221-229.	0.5	8
30	Tsc2 knockout counteracts ubiquitin-proteasome system insufficiency and delays photoreceptor loss in retinitis pigmentosa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2118479119.	7.1	8
31	HK2 Mediated Glycolytic Metabolism in Mouse Photoreceptors Is Not Required to Cause Late Stage Age-Related Macular Degeneration-Like Pathologies. <i>Biomolecules</i> , 2021, 11, 871.	4.0	5
32	Low-Dose Recombinant Adeno-Associated Virus-Mediated Inhibition of Vascular Endothelial Growth Factor Can Treat Neovascular Pathologies Without Inducing Retinal Vasculitis. <i>Human Gene Therapy</i> , 2021, 32, 649-666.	2.7	5
33	Loss of the cone-enriched does not affect secondary cone death in retinitis pigmentosa. <i>Molecular Vision</i> , 2017, 23, 944-951.	1.1	4
34	Ocular Inflammation with Anti-Vascular Endothelial Growth Factor Treatments. <i>Human Gene Therapy</i> , 2021, 32, 639-641.	2.7	2
35	Gene therapy in animal models. , 2020, , 297-311.		0