Johnny Di Pierdomenico

List of Publications by Year
in descending order

29 papers	602 citations	687363 13 h-index	794594 19 g-index
33 all docs	33 docs citations	33 times ranked	451 citing authors

#	Article	IF	Citations
1	Neuroprotective Effects of FGF2 and Minocycline in Two Animal Models of Inherited Retinal Degeneration. , 2018, 59, 4392.		58
2	Early Events in Retinal Degeneration Caused by Rhodopsin Mutation or Pigment Epithelium Malfunction: Differences and Similarities. Frontiers in Neuroanatomy, 2017, 11, 14.	1.7	51
3	Inherited Photoreceptor Degeneration Causes the Death of Melanopsin-Positive Retinal Ganglion Cells and Increases Their Coexpression of Brn3a. , 2015, 56, 4592.		38
4	Retinal Ganglion Cell Death as a Late Remodeling Effect of Photoreceptor Degeneration. International Journal of Molecular Sciences, 2019, 20, 4649.	4.1	36
5	Taurine Depletion Causes ipRGC Loss and Increases Light-Induced Photoreceptor Degeneration. , 2018, 59, 1396.		32
6	Topical Brimonidine or Intravitreal BDNF, CNTF, or bFGF Protect Cones Against Phototoxicity. Translational Vision Science and Technology, 2019, 8, 36.	2.2	30
7	Coordinated Intervention of Microglial and MÃ¼ller Cells in Light-Induced Retinal Degeneration. , 2020, 61, 47.		30
8	Role of microglial cells in photoreceptor degeneration. Neural Regeneration Research, 2019, 14, 1186.	3.0	29
9	Different Ipsi- and Contralateral Glial Responses to Anti-VEGF and Triamcinolone Intravitreal Injections in Rats. , 2016, 57, 3533.		27
10	Light-induced retinal degeneration causes a transient downregulation of melanopsin in the rat retina. Experimental Eye Research, 2017, 161, 10-16.	2.6	27
11	Retinal remodeling following photoreceptor degeneration causes retinal ganglion cell death. Neural Regeneration Research, 2018, 13, 1885.	3.0	27
12	Survival of melanopsin expressing retinal ganglion cells long term after optic nerve trauma in mice. Experimental Eye Research, 2018, 174, 93-97.	2.6	23
13	Î²-alanine supplementation induces taurine depletion and causes alterations of the retinal nerve fiber layer and axonal transport by retinal ganglion cells. Experimental Eye Research, 2019, 188, 107781.	2.6	21
14	Melanopsin+RGCs Are fully Resistant to NMDA-Induced Excitotoxicity. International Journal of Molecular Sciences, 2019, 20, 3012.	4.1	18
15	Assessment of dry eye symptoms among university students during the COVID-19 pandemic. Australasian journal of optometry, The, 2022, 105, 507-513.	1.3	18
16	Influence of the COVID-19 pandemic on contact lens wear in Spain. Contact Lens and Anterior Eye, 2021, 44, 101351.	1.7	15
17	Computer Vision Syndrome in the Spanish Population during the COVID-19 Lockdown. Optometry and Vision Science, 2021, 98, 1255-1262.	1.2	15
18	Age and intraocular pressure in murine experimental glaucoma. Progress in Retinal and Eye Research, 2022, 88, 101021.	15.5	15

#	Article	IF	Citations
19	Bone Marrow-Derived Mononuclear Cell Transplants Decrease Retinal Gliosis in Two Animal Models of Inherited Photoreceptor Degeneration. International Journal of Molecular Sciences, 2020, 21, 7252.	4.1	14
20	Pigment Epithelium-Derived Factor (PEDF) Fragments Prevent Mouse Cone Photoreceptor Cell Loss Induced by Focal Phototoxicity In Vivo. International Journal of Molecular Sciences, 2020, 21, 7242.	4.1	13
21	Tracing the retina to analyze the integrity and phagocytic capacity of the retinal pigment epithelium. Scientific Reports, 2020, 10, 7273.	3.3	12
22	Longitudinal In Vivo Changes in Retinal Ganglion Cell Dendritic Morphology After Acute and Chronic Optic Nerve Injury. , 2021, 62, 5.		8
23	Systemic treatment with 7,8-Dihydroxiflavone activates TtkB and affords protection of two different retinal ganglion cell populations against axotomy in adult rats. Experimental Eye Research, 2021, 210, 108694.	2.6	8
24	Glial Cell Activation and Oxidative Stress in Retinal Degeneration Induced by Î²-Alanine Caused Taurine Depletion and Light Exposure. International Journal of Molecular Sciences, 2022, 23, 346.	4.1	8
25	Intravitreal and subretinal syngeneic bone marrow mononuclear stem cell transplantation improves photoreceptor survival but does not ameliorate retinal function in two rat models of retinal degeneration. Acta Ophthalmologica, 2022, 100, .	1.1	7
26	An in vivo model of focal light emitting diode-induced cone photoreceptor phototoxicity in adult pigmented mice: Protection with bFGF. Experimental Eye Research, 2021, 211, 108746.	2.6	6
27	Short- and Long-Term Study of the Impact of Focal Blue Light-Emitting Diode-Induced Phototoxicity in Adult Albino Rats. International Journal of Molecular Sciences, 2021, 22, 9742.	4.1	5
28	Bone marrow-derived mononuclear stem cells in the treatment of retinal degenerations. Neural Regeneration Research, 2022, 17, 1937.	3.0	5
29	University students fail to comply with contact lens care. Contact Lens and Anterior Eye, 2022, 45, 101411.	1.7	4