Li Guo

List of Publications by Year
in descending order

44 papers	2,540 citations	361413 20 h-index	276875 41 g-index
46 all docs	46 docs citations	46 times ranked	2844 citing authors

#	Article	IF	Citations
1	Targeting amyloid-Î² in glaucoma treatment. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13444-13449.	7.1	315
2	Retinal Ganglion Cell Apoptosis in Glaucoma Is Related to Intraocular Pressure and IOP-Induced Effects on Extracellular Matrix. , 2005, 46, 175.		309
3	Real-time imaging of single nerve cell apoptosis in retinal neurodegeneration. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13352-13356.	7.1	251
4	Assessment of Neuroprotective Effects of Glutamate Modulation on Glaucoma-Related Retinal Ganglion Cell Apoptosis In Vivo. , 2006, 47, 626.		162
5	Visual and Ocular Manifestations of Alzheimerâ€™s Disease and Their Use as Biomarkers for Diagnosis and Progression. Frontiers in Neurology, 2016, 7, 55.	2.4	131
6	Topical Delivery of Avastin to the Posterior Segment of the Eye In Vivo Using Annexin A5â€associated Liposomes. Small, 2014, 10, 1575-1584.	10.0	121
7	Real-time imaging of single neuronal cell apoptosis in patients with glaucoma. Brain, 2017, 140, 1757-1767.	7.6	100
8	Neuroprotection in Glaucoma: Drug-Based Approaches. Optometry and Vision Science, 2008, 85, E406-E416.	1.2	87
9	The retina as an early biomarker of neurodegeneration in a rotenone-induced model of Parkinsonâ€™s disease: evidence for a neuroprotective effect of rosiglitazone in the eye and brain. Acta Neuropathologica Communications, 2016, 4, 86.	5.2	81
10	Topical Coenzyme Q10 demonstrates mitochondrial-mediated neuroprotection in a rodent model of ocular hypertension. Mitochondrion, 2017, 36, 114-123.	3.4	78
11	Memantineâ€Loaded PEGylated Biodegradable Nanoparticles for the Treatment of Glaucoma. Small, 2018, 14, 1701808.	10.0	77
12	Tracking Longitudinal Retinal Changes in Experimental Ocular Hypertension Using the cSLO and Spectral Domain-OCT. , 2010, 51, 6504.		75
13	Topical Curcumin Nanocarriers are Neuroprotective in Eye Disease. Scientific Reports, 2018, 8, 11066.	3.3	73
14	Assessment of Rat and Mouse RGC Apoptosis Imagingin Vivowith Different Scanning Laser Ophthalmoscopes. Current Eye Research, 2007, 32, 851-861.	1.5	63
15	Oculoâ€visual abnormalities in Parkinson's disease: Possible value as biomarkers. Movement Disorders, 2018, 33, 1390-1406.	3.9	55
16	Non-amyloidogenic effects of Î±2 adrenergic agonists: implications for brimonidine-mediated neuroprotection. Cell Death and Disease, 2016, 7, e2514-e2514.	6.3	54
17	Assessment of neuroprotection in the retina with DARC. Progress in Brain Research, 2008, 173, 437-450.	1.4	51
18	Real-Time In Vivo Imaging of Retinal Cell Apoptosis after Laser Exposure. , 2008, 49, 2773.		50

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19	Localisation and significance of in vivo near-infrared autofluorescent signal in retinal imaging. British Journal of Ophthalmology, 2011, 95, 1134-1139.	3.9	49
20	Ocular Manifestations of Alzheimerâ€™s Disease in Animal Models. International Journal of Alzheimer's Disease, 2012, 2012, 1-13.	2.0	45
21	Clinical Options for the Reduction of Elevated Intraocular Pressure. Ophthalmology and Eye Diseases, 2012, 4, OED.S4909.	1.2	40
22	Retinal and Brain Microglia in Multiple Sclerosis and Neurodegeneration. Cells, 2021, 10, 1507.	4.1	26
23	Electroretinogram and Visual-Evoked Potential Assessment of Retinal and Central Visual Function in a Rat Ocular Hypertension Model of Glaucoma. Current Eye Research, 2014, 39, 472-486.	1.5	25
24	Microglia: Key Players in Retinal Ageing and Neurodegeneration. Frontiers in Cellular Neuroscience, 2022, 16, 804782.	3.7	25
25	Topical recombinant human Nerve growth factor (rh-NGF) is neuroprotective to retinal ganglion cells by targeting secondary degeneration. Scientific Reports, 2020, 10, 3375.	3.3	23
26	A semi-automated technique for labeling and counting of apoptosing retinal cells. BMC Bioinformatics, 2014, 15, 169.	2.6	21
27	Dendritic Changes in Rat Visual Pathway Associated with Experimental Ocular Hypertension. Current Eye Research, 2014, 39, 953-963.	1.5	19
28	Exposure to the complement C5b-9 complex sensitizes 661W photoreceptor cells to both apoptosis and necroptosis. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 433-443.	4.9	17
29	Annexins in Glaucoma. International Journal of Molecular Sciences, 2018, 19, 1218.	4.1	15
30	Ophthalmic Research Lecture 2018: DARC as a Potential Surrogate Marker. Ophthalmic Research, 2020, 63, 1-7.	1.9	14
31	Glaucoma and Alzheimerâ€™s disease in the elderly. Aging Health, 2011, 7, 719-733.	0.3	12
32	Automated characterisation of microglia in ageing mice using image processing and supervised machine learning algorithms. Scientific Reports, 2022, 12, 1806.	3.3	12
33	Neuroprotection in glaucoma: old concepts, new ideas. Expert Review of Ophthalmology, 2019, 14, 101-113.	0.6	11
34	Focus on: Amyloid Î². Experimental Eye Research, 2009, 89, 446-447.	2.6	10
35	Real-Time Imaging of Retinal Cell Apoptosis by Confocal Scanning Laser Ophthalmoscopy. Methods in Molecular Biology, 2015, 1254, 227-237.	0.9	7
36	Changes in the modulation of retinocollicular transmission through group III mGluRs long after an increase in intraocular pressure in a rat model of glaucoma. Visual Neuroscience, 2012, 29, 237-246.	1.0	6

#	Article	IF	Citations
37	Predicting wet age-related macular degeneration (AMD) using DARC (detecting apoptosing retinal) Tj ETQq1 1 0.784314 rgBT /Overlock	3.1	6
38	Imaging in DRY AMD. Drug Discovery Today: Therapeutic Strategies, 2013, 10, e35-e41.	0.5	5
39	Dynamic changes in cell size and corresponding cell fate after optic nerve injury. Scientific Reports, 2020, 10, 21683.	3.3	5
40	Retinal Changes in Transgenic Mouse Models of Alzheimerâ€™s Disease. Current Alzheimer Research, 2021, 18, 89-102.	1.4	5
41	Optic nerve regeneration. Expert Review of Ophthalmology, 2012, 7, 533-554.	0.6	3
42	Imaging Individual Ganglion Cells in the Human Retina. Essentials in Ophthalmology, 2009, , 1-12.	0.1	2
43	Realtime Imaging of Retinal Ganglion Cell Apoptosis. European Ophthalmic Review, 2010, 04, 88.	0.3	2
44	TGF-Î²-Related Antifibrotic Strategies in the Eye. , 2008, , 663-673.		0