

# Li Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Automated characterisation of microglia in ageing mice using image processing and supervised machine learning algorithms. <i>Scientific Reports</i> , 2022, 12, 1806.	3.3	12
2	Microglia: Key Players in Retinal Ageing and Neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 804782.	3.7	25
3	Predicting wet age-related macular degeneration (AMD) using DARC (detecting apoptosing retinal) Tj ETQq1 1 0.784314 rgBT /Overlo	3.1	6
4	Retinal Changes in Transgenic Mouse Models of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2021, 18, 89-102.	1.4	5
5	Retinal and Brain Microglia in Multiple Sclerosis and Neurodegeneration. <i>Cells</i> , 2021, 10, 1507.	4.1	26
6	Ophthalmic Research Lecture 2018: DARC as a Potential Surrogate Marker. <i>Ophthalmic Research</i> , 2020, 63, 1-7.	1.9	14
7	Dynamic changes in cell size and corresponding cell fate after optic nerve injury. <i>Scientific Reports</i> , 2020, 10, 21683.	3.3	5
8	Topical recombinant human Nerve growth factor (rh-NGF) is neuroprotective to retinal ganglion cells by targeting secondary degeneration. <i>Scientific Reports</i> , 2020, 10, 3375.	3.3	23
9	Neuroprotection in glaucoma: old concepts, new ideas. <i>Expert Review of Ophthalmology</i> , 2019, 14, 101-113.	0.6	11
10	Memantine-Loaded PEGylated Biodegradable Nanoparticles for the Treatment of Glaucoma. <i>Small</i> , 2018, 14, 1701808.	10.0	77
11	Ocular visual abnormalities in Parkinson's disease: Possible value as biomarkers. <i>Movement Disorders</i> , 2018, 33, 1390-1406.	3.9	55
12	Topical Curcumin Nanocarriers are Neuroprotective in Eye Disease. <i>Scientific Reports</i> , 2018, 8, 11066.	3.3	73
13	Annexins in Glaucoma. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1218.	4.1	15
14	Real-time imaging of single neuronal cell apoptosis in patients with glaucoma. <i>Brain</i> , 2017, 140, 1757-1767.	7.6	100
15	Topical Coenzyme Q10 demonstrates mitochondrial-mediated neuroprotection in a rodent model of ocular hypertension. <i>Mitochondrion</i> , 2017, 36, 114-123.	3.4	78
16	Visual and Ocular Manifestations of Alzheimer's Disease and Their Use as Biomarkers for Diagnosis and Progression. <i>Frontiers in Neurology</i> , 2016, 7, 55.	2.4	131
17	Non-amyloidogenic effects of $\beta_2$ adrenergic agonists: implications for brimonidine-mediated neuroprotection. <i>Cell Death and Disease</i> , 2016, 7, e2514-e2514.	6.3	54
18	The retina as an early biomarker of neurodegeneration in a rotenone-induced model of Parkinson's disease: evidence for a neuroprotective effect of rosiglitazone in the eye and brain. <i>Acta Neuropathologica Communications</i> , 2016, 4, 86.	5.2	81

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19	Exposure to the complement C5b-9 complex sensitizes 661W photoreceptor cells to both apoptosis and necroptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 433-443.	4.9	17
20	Real-Time Imaging of Retinal Cell Apoptosis by Confocal Scanning Laser Ophthalmoscopy. <i>Methods in Molecular Biology</i> , 2015, 1254, 227-237.	0.9	7
21	Topical Delivery of Avastin to the Posterior Segment of the Eye In Vivo Using Annexin A5-associated Liposomes. <i>Small</i> , 2014, 10, 1575-1584.	10.0	121
22	Dendritic Changes in Rat Visual Pathway Associated with Experimental Ocular Hypertension. <i>Current Eye Research</i> , 2014, 39, 953-963.	1.5	19
23	A semi-automated technique for labeling and counting of apoptosing retinal cells. <i>BMC Bioinformatics</i> , 2014, 15, 169.	2.6	21
24	Electroretinogram and Visual-Evoked Potential Assessment of Retinal and Central Visual Function in a Rat Ocular Hypertension Model of Glaucoma. <i>Current Eye Research</i> , 2014, 39, 472-486.	1.5	25
25	Imaging in DRY AMD. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2013, 10, e35-e41.	0.5	5
26	Optic nerve regeneration. <i>Expert Review of Ophthalmology</i> , 2012, 7, 533-554.	0.6	3
27	Clinical Options for the Reduction of Elevated Intraocular Pressure. <i>Ophthalmology and Eye Diseases</i> , 2012, 4, OED.S4909.	1.2	40
28	Changes in the modulation of retinocollicular transmission through group III mGluRs long after an increase in intraocular pressure in a rat model of glaucoma. <i>Visual Neuroscience</i> , 2012, 29, 237-246.	1.0	6
29	Ocular Manifestations of Alzheimer's Disease in Animal Models. <i>International Journal of Alzheimer's Disease</i> , 2012, 2012, 1-13.	2.0	45
30	Glaucoma and Alzheimer's disease in the elderly. <i>Aging Health</i> , 2011, 7, 719-733.	0.3	12
31	Localisation and significance of in vivo near-infrared autofluorescent signal in retinal imaging. <i>British Journal of Ophthalmology</i> , 2011, 95, 1134-1139.	3.9	49
32	Tracking Longitudinal Retinal Changes in Experimental Ocular Hypertension Using the cSLO and Spectral Domain-OCT. , 2010, 51, 6504.		75
33	Realtime Imaging of Retinal Ganglion Cell Apoptosis. <i>European Ophthalmic Review</i> , 2010, 04, 88.	0.3	2
34	Focus on: Amyloid $\beta$ . <i>Experimental Eye Research</i> , 2009, 89, 446-447.	2.6	10
35	Imaging Individual Ganglion Cells in the Human Retina. <i>Essentials in Ophthalmology</i> , 2009, , 1-12.	0.1	2
36	Assessment of neuroprotection in the retina with DARC. <i>Progress in Brain Research</i> , 2008, 173, 437-450.	1.4	51

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37	Neuroprotection in Glaucoma: Drug-Based Approaches. Optometry and Vision Science, 2008, 85, E406-E416.	1.2	87
38	Real-Time In Vivo Imaging of Retinal Cell Apoptosis after Laser Exposure. , 2008, 49, 2773.		50
39	TGF- $\beta$ -Related Antifibrotic Strategies in the Eye. , 2008, , 663-673.		0
40	Targeting amyloid- $\beta$ in glaucoma treatment. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13444-13449.	7.1	315
41	Assessment of Rat and Mouse RGC Apoptosis Imaging <i>in Vivo</i> with Different Scanning Laser Ophthalmoscopes. Current Eye Research, 2007, 32, 851-861.	1.5	63
42	Assessment of Neuroprotective Effects of Glutamate Modulation on Glaucoma-Related Retinal Ganglion Cell Apoptosis <i>In Vivo</i> . , 2006, 47, 626.		162
43	Retinal Ganglion Cell Apoptosis in Glaucoma Is Related to Intraocular Pressure and IOP-Induced Effects on Extracellular Matrix. , 2005, 46, 175.		309
44	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