

Yasushi Kitaoka

List of Publications by Year in descending order

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42
papers

5,696
citations

471509

17
h-index

315739

38
g-index

43
all docs

43
docs citations

43
times ranked

14419
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	TNF- α -Induced Optic Nerve Degeneration and Nuclear Factor- κ B p65. , 2006, 47, 1448.		116
3	Involvement of RhoA and possible neuroprotective effect of fasudil, a Rho kinase inhibitor, in NMDA-induced neurotoxicity in the rat retina. <i>Brain Research</i> , 2004, 1018, 111-118.	2.2	91
4	Molecular mechanisms of retinal ganglion cell degeneration in glaucoma and future prospects for cell body and axonal protection. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 60.	3.7	79
5	Autophagy in axonal degeneration in glaucomatous optic neuropathy. <i>Progress in Retinal and Eye Research</i> , 2015, 47, 1-18.	15.5	63
6	Contribution of mitogen-activated protein kinases to NMDA-induced neurotoxicity in the rat retina. <i>Brain Research</i> , 2005, 1044, 227-240.	2.2	51
7	Calcium/calmodulin-dependent protein kinase II regulates the phosphorylation of CREB in NMDA-induced retinal neurotoxicity. <i>Brain Research</i> , 2007, 1184, 306-315.	2.2	47
8	Modulation of mitochondria in the axon and soma of retinal ganglion cells in a rat glaucoma model. <i>Journal of Neurochemistry</i> , 2010, 115, 1508-1519.	3.9	46
9	Nuclear factor- κ B p65 in NMDA-induced retinal neurotoxicity. <i>Molecular Brain Research</i> , 2004, 131, 8-16.	2.3	36
10	NMDA-induced interleukin-1 β expression is mediated by nuclear factor- κ B p65 in the retina. <i>Brain Research</i> , 2007, 1142, 247-255.	2.2	33
11	Neuroprotective effect of nitric oxide against NMDA-induced neurotoxicity in the rat retina is associated with tyrosine hydroxylase expression. <i>Brain Research</i> , 2003, 977, 46-54.	2.2	31
12	Neuroprotective effect of atrial natriuretic peptide against NMDA-induced neurotoxicity in the rat retina. <i>Brain Research</i> , 2006, 1071, 34-41.	2.2	31
13	Axonal protection by brain-derived neurotrophic factor associated with CREB phosphorylation in tumor necrosis factor- α -induced optic nerve degeneration. <i>Acta Neuropathologica</i> , 2009, 117, 75-84.	7.7	31
14	Pro-apoptotic role of c-Jun in NMDA-induced neurotoxicity in the rat retina. <i>Journal of Neuroscience Research</i> , 2006, 83, 907-918.	2.9	28
15	Axonal Protection by 17 β -Estradiol through Thioredoxin-1 in Tumor Necrosis Factor-Induced Optic Neuropathy. <i>Endocrinology</i> , 2011, 152, 2775-2785.	2.8	27
16	Axonal and Cell Body Protection By Nicotinamide Adenine Dinucleotide in Tumor Necrosis Factor-Induced Optic Neuropathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 915-927.	1.7	25
17	Involvement of TNF- α in glutamate-induced apoptosis in a differentiated neuronal cell line. <i>Brain Research</i> , 2006, 1122, 201-208.	2.2	23
18	Neuroprotective effect of 17 β -estradiol against N-methyl-D-aspartate-induced retinal neurotoxicity via p-ERK induction. <i>Journal of Neuroscience Research</i> , 2007, 85, 386-394.	2.9	21

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19	Stereoscopic Analysis of Optic Nerve Head Parameters in Primary Open Angle Glaucoma: The Glaucoma Stereo Analysis Study. PLoS ONE, 2014, 9, e99138.	2.5	18
20	Axonal Protection by Ripasudil, a Rho Kinase Inhibitor, via Modulating Autophagy in TNF-Induced Optic Nerve Degeneration. , 2017, 58, 5056.		18
21	Effects of unoprostone on phosphorylated extracellular signal-regulated kinase expression in endothelin-1-induced retinal and optic nerve damage. Visual Neuroscience, 2008, 25, 197-208.	1.0	17
22	Axonal protection by modulation of p62 expression in TNF-induced optic nerve degeneration. Neuroscience Letters, 2014, 581, 37-41.	2.1	17
23	Axonal protection by short-term hyperglycemia with involvement of autophagy in TNF-induced optic nerve degeneration. Frontiers in Cellular Neuroscience, 2015, 9, 425.	3.7	13
24	Pemafibrate prevents retinal neuronal cell death in NMDA-induced excitotoxicity via inhibition of p-c-Jun expression. Molecular Biology Reports, 2021, 48, 195-202.	2.3	13
25	Axonal protection by a small molecule SIRT1 activator, SRT2104, with alteration of autophagy in TNF-induced optic nerve degeneration. Japanese Journal of Ophthalmology, 2020, 64, 298-303.	1.9	12
26	Kinesin-1 and degenerative changes in optic nerve axons in NMDA-induced neurotoxicity. Brain Research, 2010, 1362, 133-140.	2.2	11
27	Estimation of the Disc Damage Likelihood Scale in primary open-angle glaucoma: the Glaucoma Stereo Analysis Study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 523-528.	1.9	11
28	Axonal Protection by Nicotinamide Riboside via SIRT1-Autophagy Pathway in TNF-Induced Optic Nerve Degeneration. Molecular Neurobiology, 2020, 57, 4952-4960.	4.0	11
29	Axonal Protection via Modulation of the Amyloidogenic Pathway in Tumor Necrosis Factor-Induced Optic Neuropathy. , 2012, 53, 7675.		8
30	Validation of formula-predicted glaucomatous optic disc appearances: the Glaucoma Stereo Analysis Study. Acta Ophthalmologica, 2019, 97, e42-e49.	1.1	8
31	Protective effect of thalidomide against N-methyl-D-aspartate-induced retinal neurotoxicity. Journal of Neuroscience Research, 2011, 89, 1596-1604.	2.9	7
32	Effect of Ocular Hypertension on D-Aspartic Acid-Containing Proteins in the Retinas of Rats. Journal of Ophthalmology, 2019, 2019, 1-8.	1.3	7
33	Differentiation of glaucomatous optic discs with different appearances using optic disc topography parameters: The Glaucoma Stereo Analysis Study. PLoS ONE, 2017, 12, e0169858.	2.5	7
34	Axonal Protection by Netarsudil, a ROCK Inhibitor, Is Linked to an AMPK-Autophagy Pathway in TNF-Induced Optic Nerve Degeneration. , 2022, 63, 4.		7
35	Axonal protection by brimonidine with modulation of p62 expression in TNF-induced optic nerve degeneration. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 1291-1296.	1.9	6
36	Axonal protection by thioredoxin-1 with inhibition of interleukin-1 in TNF-induced optic nerve degeneration. Experimental Eye Research, 2016, 152, 71-76.	2.6	6

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37	17 β -estradiol prevents reduction of retinal phosphorylated 14-3-3 zeta protein levels following a neurotoxic insult. <i>Brain Research</i> , 2012, 1433, 145-152.	2.2	5
38	Involvement of Beclin-1 in axonal protection by short-term hyperglycemia against TNF-induced optic nerve damage. <i>Molecular Medicine Reports</i> , 2018, 18, 5455-5460.	2.4	4
39	A Small Disc Area Is a Risk Factor for Visual Field Loss Progression in Primary Open-Angle Glaucoma: The Glaucoma Stereo Analysis Study. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-6.	1.3	4
40	Akebia Saponin D prevents axonal loss against TNF-induced optic nerve damage with autophagy modulation. <i>Molecular Biology Reports</i> , 2020, 47, 9733-9738.	2.3	3
41	Comparisons between retinal vessel calibers and various optic disc morphologic parameters with different optic disc appearances: The Glaucoma Stereo Analysis Study. <i>PLoS ONE</i> , 2021, 16, e0250245.	2.5	2
42	Axonal Protection by Tacrolimus with Inhibition of NFATc1 in TNF-Induced Optic Nerve Degeneration. <i>Neurochemical Research</i> , 2019, 44, 1726-1735.	3.3	1