

# Keita Yamauchi

## List of Publications by Year in descending order

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Version: 2024-02-01

191  
papers

3,535  
citations

159585

30  
h-index

233421

45  
g-index

199  
all docs

199  
docs citations

199  
times ranked

5263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Damage of photoreceptor-derived cells in culture induced by light emitting diode-derived blue light. <i>Scientific Reports</i> , 2014, 4, 5223.	3.3	225
2	Retinal Diseases Associated with Oxidative Stress and the Effects of a Free Radical Scavenger (Edaravone). <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	4.0	149
3	SA4503, a sigma-1 receptor agonist, suppresses motor neuron damage in in vitro and in vivo amyotrophic lateral sclerosis models. <i>Neuroscience Letters</i> , 2014, 559, 174-178.	2.1	80
4	Phosphodiesterase-III Inhibitor Prevents Hemorrhagic Transformation Induced by Focal Cerebral Ischemia in Mice Treated with tPA. <i>PLoS ONE</i> , 2010, 5, e15178.	2.5	73
5	Temporal activation of Nrf2 in the penumbra and Nrf2 activator-mediated neuroprotection in ischemiaâ€“reperfusion injury. <i>Free Radical Biology and Medicine</i> , 2014, 72, 124-133.	2.9	63
6	Protective effects of bilberry and lingonberry extracts against blue light-emitting diode light-induced retinal photoreceptor cell damage in vitro. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 120.	3.7	59
7	Analysis of Stevens-Johnson syndrome and toxic epidermal necrolysis using the Japanese Adverse Drug Event Report database. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2016, 2, 14.	1.0	58
8	Intracellular Fe <sup>2+</sup> accumulation in endothelial cells and pericytes induces blood-brain barrier dysfunction in secondary brain injury after brain hemorrhage. <i>Scientific Reports</i> , 2019, 9, 6228.	3.3	56
9	Nrf2 protects photoreceptor cells from photo-oxidative stress induced by blue light. <i>Experimental Eye Research</i> , 2017, 154, 151-158.	2.6	51
10	Astaxanthin analogs, adonixanthin and lycopene, activate Nrf2 to prevent light-induced photoreceptor degeneration. <i>Journal of Pharmacological Sciences</i> , 2017, 134, 147-157.	2.5	48
11	Irreversible Photoreceptors and RPE Cells Damage by Intravenous Sodium Iodate in Mice Is Related to Macrophage Accumulation. , 2018, 59, 3476.		48
12	Exposure to excessive blue LED light damages retinal pigment epithelium and photoreceptors of pigmented mice. <i>Experimental Eye Research</i> , 2018, 177, 1-11.	2.6	48
13	The Involvement of the Oxidative Stress in Murine Blue LED Light-Induced Retinal Damage Model. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 1219-1225.	1.4	47
14	Laxative Effect of Agarwood Leaves and Its Mechanism. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 335-345.	1.3	46
15	Diabetes Mellitus Aggravates Hemorrhagic Transformation after Ischemic Stroke via Mitochondrial Defects Leading to Endothelial Apoptosis. <i>PLoS ONE</i> , 2014, 9, e103818.	2.5	46
16	A novel nuclear factor erythroid 2-related factor 2 (Nrf2) activator RS9 attenuates brain injury after ischemia reperfusion in mice. <i>Neuroscience</i> , 2016, 333, 302-310.	2.3	46
17	Astaxanthin Protects Against Retinal Damage: Evidence from <i>In Vivo</i> and <i>In Vitro</i> Retinal Ischemia and Reperfusion Models. <i>Current Eye Research</i> , 2016, 41, 1465-1472.	1.5	44
18	Japanese <i>Huperzia serrata</i> extract and the constituent, huperzine A, ameliorate the scopolamine-induced cognitive impairment in mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 1838-1844.	1.3	43

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19	Ligation of the Pterygopalatine and External Carotid Arteries Induces Ischemic Damage in the Murine Retina. , 2011, 52, 9710.		42
20	Cilostazol ameliorates collagenase-induced cerebral hemorrhage by protecting the blood-brain barrier. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 123-139.	4.3	42
21	A pharmacological approach in newly established retinal vein occlusion model. Scientific Reports, 2017, 7, 43509.	3.3	41
22	Hyaluronan-Binding Protein Involved in Hyaluronan Depolymerization Controls Endochondral Ossification through Hyaluronan Metabolism. American Journal of Pathology, 2017, 187, 1162-1176.	3.8	40
23	Piezo channel plays a part in retinal ganglion cell damage. Experimental Eye Research, 2020, 191, 107900.	2.6	39
24	Glycoprotein nonmetastatic melanoma protein B extracellular fragment shows neuroprotective effects and activates the PI3K/Akt and MEK/ERK pathways via the Na <sup>+</sup> /K <sup>+</sup> -ATPase. Scientific Reports, 2016, 6, 23241.	3.3	37
25	Nrf2 activator ameliorates hemorrhagic transformation in focal cerebral ischemia under warfarin anticoagulation. Neurobiology of Disease, 2016, 89, 136-146.	4.4	36
26	Toll-like receptor 4 inhibitor protects against retinal ganglion cell damage induced by optic nerve crush in mice. Journal of Pharmacological Sciences, 2017, 133, 176-183.	2.5	35
27	Distribution and function of hyaluronan binding protein involved in hyaluronan depolymerization (HYBID, KIAA1199) in the mouse central nervous system. Neuroscience, 2017, 347, 1-10.	2.3	34
28	Crocetin protects ultraviolet A-induced oxidative stress and cell death in skin in vitro and in vivo. European Journal of Pharmacology, 2016, 789, 244-253.	3.5	33
29	Systemic Simvastatin Rescues Retinal Ganglion Cells from Optic Nerve Injury Possibly through Suppression of Astroglial NF- $\kappa$ B Activation. PLoS ONE, 2014, 9, e84387.	2.5	33
30	Brazilian green propolis water extract up-regulates the early expression level of HO-1 and accelerates Nrf2 after UVA irradiation. BMC Complementary and Alternative Medicine, 2015, 15, 421.	3.7	32
31	Oxidative Stress in Retinal Diseases. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-2.	4.0	32
32	A novel Nrf2 activator, RS9, attenuates secondary brain injury after intracerebral hemorrhage in sub-acute phase. Brain Research, 2018, 1701, 137-145.	2.2	32
33	Glucagon-like peptide-1 protects the murine hippocampus against stressors via Akt and ERK1/2 signaling. Biochemical and Biophysical Research Communications, 2015, 458, 274-279.	2.1	31
34	Modulation of endoplasmic reticulum stress in Parkinson's disease. European Journal of Pharmacology, 2015, 765, 154-156.	3.5	31
35	Protective effects of cilostazol against hemorrhagic stroke: Current and future perspectives. Journal of Pharmacological Sciences, 2016, 131, 155-161.	2.5	31
36	The role and regulation of TMEM2 (transmembrane protein 2) in HYBID (hyaluronan (HA)-binding) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 fibroblasts. Biochemical and Biophysical Research Communications, 2018, 505, 74-80.	2.1	31

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37	<sc>RS</sc>, a novel Nrf2 activator, attenuates light-induced death of cells of photoreceptor cells and Müller glia cells. <i>Journal of Neurochemistry</i> , 2017, 141, 750-765.	3.9	30
38	Discovery of a CNS penetrant small molecule SMN2 splicing modulator with improved tolerability for spinal muscular atrophy. <i>Scientific Reports</i> , 2020, 10, 17472.	3.3	30
39	Transient acceleration of autophagic degradation by pharmacological Nrf2 activation is important for retinal pigment epithelium cell survival. <i>Redox Biology</i> , 2018, 19, 354-363.	9.0	29
40	Effect of a sigma-1 receptor agonist, cutamesine dihydrochloride (SA4503), on photoreceptor cell death against light-induced damage. <i>Experimental Eye Research</i> , 2015, 132, 64-72.	2.6	28
41	Effects of ticagrelor in a mouse model of ischemic stroke. <i>Scientific Reports</i> , 2017, 7, 12088.	3.3	28
42	Established Stem Cell Model of Spinal Muscular Atrophy Is Applicable in the Evaluation of the Efficacy of Thyrotropin-Releasing Hormone Analog. <i>Stem Cells Translational Medicine</i> , 2016, 5, 152-163.	3.3	26
43	Zonisamide suppresses endoplasmic reticulum stress-induced neuronal cell damage in vitro and in vivo. <i>European Journal of Pharmacology</i> , 2015, 746, 301-307.	3.5	25
44	Glycoprotein nonmetastatic melanoma protein B ameliorates skeletal muscle lesions in a SOD1 <sup>G93A</sup> mouse model of amyotrophic lateral sclerosis. <i>Journal of Neuroscience Research</i> , 2015, 93, 1552-1566.	2.9	24
45	Stevens-Johnson syndrome and toxic epidermal necrolysis: The Food and Drug Administration adverse event reporting system, 2004-2013. <i>Allergology International</i> , 2015, 64, 277-279.	3.3	24
46	Progranulin promotes the retinal precursor cell proliferation and the photoreceptor differentiation in the mouse retina. <i>Scientific Reports</i> , 2016, 6, 23811.	3.3	24
47	GPNMB ameliorates mutant TDP43-induced motor neuron cell death. <i>Journal of Neuroscience Research</i> , 2017, 95, 1647-1665.	2.9	24
48	Biological evaluation of both enantiomers of fluoro-thalidomide using human myeloma cell line H929 and others. <i>PLoS ONE</i> , 2017, 12, e0182152.	2.5	24
49	Targeted deletion of HYBID (hyaluronan binding protein involved in hyaluronan depolymerization) Tj ETQq1 1 0.784314 rgBT /Overload accumulation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1934-1940.	2.1	24
50	Potential therapeutic effects of Nrf2 activators on intracranial hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1483-1500.	4.3	24
51	Identification of Phenolic Compounds in <i>Aquilaria crassna</i> Leaves Via Liquid Chromatography-Electrospray Ionization Mass Spectroscopy. <i>Food Science and Technology Research</i> , 2012, 18, 259-262.	0.6	23
52	Editorial: Drug Repositioning: Current Advances and Future Perspectives. <i>Frontiers in Pharmacology</i> , 2018, 9, 1068.	3.5	23
53	Nrf2 Activator RS9 Suppresses Pathological Ocular Angiogenesis and Hyperpermeability. , 2019, 60, 1943.		23
54	Hydroxyl radicals cause fluctuation in intracellular ferrous ion levels upon light exposure during photoreceptor cell death. <i>Experimental Eye Research</i> , 2014, 129, 24-30.	2.6	22

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55	Progranulin deficiency causes the retinal ganglion cell loss during development. <i>Scientific Reports</i> , 2017, 7, 1679.	3.3	21
56	Antitumour Effects of Astaxanthin and Adonixanthin on Glioblastoma. <i>Marine Drugs</i> , 2020, 18, 474.	4.6	21
57	Triamcinolone Acetonide Suppresses Inflammation and Facilitates Vascular Barrier Function in Human Retinal Microvascular Endothelial Cells. <i>Current Neurovascular Research</i> , 2017, 14, 232-241.	1.1	21
58	Behavioral abnormalities with disruption of brain structure in mice overexpressing VGF. <i>Scientific Reports</i> , 2017, 7, 4691.	3.3	20
59	The Mitochondria-targeted Peptide, Bendavia, Attenuated Ischemia/Reperfusion-induced Stroke Damage. <i>Neuroscience</i> , 2020, 443, 110-119.	2.3	20
60	Edaravone is a free radical scavenger that protects against laser-induced choroidal neovascularization in mice and common marmosets. <i>Experimental Eye Research</i> , 2016, 146, 196-205.	2.6	19
61	Edaravone is a candidate agent for spinal muscular atrophy: In vitro analysis using a human induced pluripotent stem cells-derived disease model. <i>European Journal of Pharmacology</i> , 2017, 814, 161-168.	3.5	19
62	Apolipoprotein E2 and E3, but Not E4, Promote Retinal Pathologic Neovascularization. , 2017, 58, 1208.		19
63	Notch Signaling Mediates Astrocyte Abnormality in Spinal Muscular Atrophy Model Systems. <i>Scientific Reports</i> , 2019, 9, 3701.	3.3	19
64	A triterpenoid Nrf2 activator, RS9, promotes LC3-associated phagocytosis of photoreceptor outer segments in a p62-independent manner. <i>Free Radical Biology and Medicine</i> , 2020, 152, 235-247.	2.9	19
65	Deferasirox, a trivalent iron chelator, ameliorates neuronal damage in hemorrhagic stroke models. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 73-84.	3.0	19
66	The effect of triamcinolone acetonide on laser-induced choroidal neovascularization in mice using a hypoxia visualization bio-imaging probe. <i>Scientific Reports</i> , 2015, 5, 9898.	3.3	18
67	Analysis and characterization of anthocyanins and carotenoids in Japanese blue tomato. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 341-349.	1.3	18
68	Both Autocrine Signaling and Paracrine Signaling of HB-EGF Enhance Ocular Neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 174-185.	2.4	18
69	A Docosahexaenoic Acid-Derived Pro-resolving Agent, Maresin 1, Protects Motor Neuron Cells Death. <i>Neurochemical Research</i> , 2018, 43, 1413-1423.	3.3	18
70	The Protective Effects of Levetiracetam on a Human iPSCs-Derived Spinal Muscular Atrophy Model. <i>Neurochemical Research</i> , 2019, 44, 1773-1779.	3.3	18
71	Photobiomodulation with 670 nm light increased phagocytosis in human retinal pigment epithelial cells. <i>Molecular Vision</i> , 2015, 21, 883-92.	1.1	18
72	A novel free radical scavenger, NSP-116, ameliorated the brain injury in both ischemic and hemorrhagic stroke models. <i>Journal of Pharmacological Sciences</i> , 2019, 141, 119-126.	2.5	17

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73	The extracellular fragment of <sc>GPNMB</sc> (Glycoprotein nonmelanosoma protein B,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Neurochemistry, 2015, 132, 583-594.	3.9	16
74	VGF nerve growth factor inducible is involved in retinal ganglion cells death induced by optic nerve crush. Scientific Reports, 2018, 8, 16443.	3.3	16
75	The Potential Roles of Metallothionein as a Therapeutic Target for Cerebral Ischemia and Retinal Diseases. Current Pharmaceutical Biotechnology, 2013, 14, 400-407.	1.6	16
76	Glycoprotein nonmetastatic melanoma protein B (GPNMB) promotes the progression of brain glioblastoma via Na <sup>+</sup> /K <sup>+</sup> -ATPase. Biochemical and Biophysical Research Communications, 2016, 481, 7-12.	2.1	15
77	Pathophysiological Role of VEGF on Retinal Edema and Nonperfused Areas in Mouse Eyes With Retinal Vein Occlusion. , 2018, 59, 4701.		15
78	Riluzole enhances the antitumor effects of temozolomide via suppression of MGMT expression in glioblastoma. Journal of Neurosurgery, 2020, 134, 1-10.	1.6	15
79	Piezo 1 is involved in intraocular pressure regulation. Journal of Pharmacological Sciences, 2021, 147, 211-221.	2.5	15
80	The Effects of Brazilian Green Propolis against Excessive Light-Induced Cell Damage in Retina and Fibroblast Cells. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	1.2	14
81	Colored lenses suppress blue light-emitting diode light-induced damage in photoreceptor-derived cells. Journal of Biomedical Optics, 2016, 21, 035004.	2.6	14
82	Protective effects of NSP-116, a novel imidazolyl aniline derivative, against light-induced retinal damage in vitro and in vivo. Free Radical Biology and Medicine, 2016, 96, 304-312.	2.9	14
83	Survival motor neuron protein regulates oxidative stress and inflammatory response in microglia of the spinal cord in spinal muscular atrophy. Journal of Pharmacological Sciences, 2020, 144, 204-211.	2.5	14
84	Bilberry extract and anthocyanins suppress unfolded protein response induced by exposure to blue LED light of cells in photoreceptor cell line. Molecular Vision, 2018, 24, 621-632.	1.1	14
85	Clinical significance of glycoprotein nonmetastatic B and its association with HER2 in breast cancer. Cancer Medicine, 2015, 4, 1344-1355.	2.8	13
86	Involvement of endoplasmic reticulum stress in optic nerve degeneration after chronic high intraocular pressure in DBA/2J mice. Journal of Neuroscience Research, 2015, 93, 1675-1683.	2.9	13
87	EP300 Protects from Light-Induced Retinopathy in Zebrafish. Frontiers in Pharmacology, 2016, 7, 126.	3.5	13
88	Effects of ripasudil, a ROCK inhibitor, on retinal edema and nonperfusion area in a retinal vein occlusion murine model. Journal of Pharmacological Sciences, 2018, 137, 129-136.	2.5	13
89	Effect of Timolol on Optineurin Aggregation in Transformed Induced Pluripotent Stem Cells Derived From Patient With Familial Glaucoma. , 2020, 59, 2293.		13
90	Excess adiponectin in eyes with progressive ocular vascular diseases. FASEB Journal, 2021, 35, e21313.	0.5	13

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91	Protective Effect of Bendavia (SS-31) Against Oxygen/Glucose-Deprivation Stress-Induced Mitochondrial Damage in Human Brain Microvascular Endothelial Cells. <i>Current Neurovascular Research</i> , 2017, 14, 53-59.	1.1	13
92	Lipid Droplet Accumulation Promotes RPE Dysfunction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1790.	4.1	13
93	Blockade of Phosphodiesterase-III Protects Against Oxygen-Glucose Deprivation in Endothelial Cells by Upregulation of VE-Cadherin. <i>Current Neurovascular Research</i> , 2011, 8, 86-94.	1.1	12
94	The kallikrein system in retinal damage/protection. <i>European Journal of Pharmacology</i> , 2015, 749, 161-163.	3.5	12
95	Integrated Approaches to Drug Discovery for Oxidative Stress-Related Retinal Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	4.0	12
96	Granulin 1 Promotes Retinal Regeneration in Zebrafish. , 2018, 59, 6057.		12
97	Temozolomide has anti-tumor effects through the phosphorylation of cPLA2 on glioblastoma cells. <i>Brain Research</i> , 2019, 1723, 146396.	2.2	12
98	Fate of graft cells: what should be clarified for development of mesenchymal stem cell therapy for ischemic stroke?. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 322.	3.7	11
99	Involvement of diacylglycerol kinase $\hat{1}^2$ in the spine formation at distal dendrites of striatal medium spiny neurons. <i>Brain Research</i> , 2015, 1594, 36-45.	2.2	11
100	Blue light-emitting diode irradiation promotes transcription factor EB-mediated lysosome biogenesis and lysosomal cell death in murine photoreceptor-derived cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 479-484.	2.1	11
101	Tissue kallikrein (kallidinogenase) protects against retinal ischemic damage in mice. <i>European Journal of Pharmacology</i> , 2014, 738, 74-82.	3.5	10
102	Delayed Stenosis in the Intracranial Vessels following Endovascular Treatment for Acute Stroke. <i>Journal of Vascular and Interventional Radiology</i> , 2015, 26, 1814-1819.	0.5	10
103	Establishment of a drug evaluation model against light-induced retinal degeneration using adult pigmented zebrafish. <i>Journal of Pharmacological Sciences</i> , 2016, 131, 215-218.	2.5	10
104	GPNMB Induces BiP Expression by Enhancing Splicing of BiP Pre-mRNA during the Endoplasmic Reticulum Stress Response. <i>Scientific Reports</i> , 2017, 7, 12160.	3.3	10
105	VGF has Roles in the Pathogenesis of Major Depressive Disorder and Schizophrenia: Evidence from Transgenic Mouse Models. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 721-727.	3.3	10
106	Impairment of oligodendrocyte lineages in spinal muscular atrophy model systems. <i>NeuroReport</i> , 2019, 30, 350-357.	1.2	10
107	Effects of progranulin on the pathological conditions in experimental myocardial infarction model. <i>Scientific Reports</i> , 2020, 10, 11842.	3.3	10
108	Effects of anti-osteoporosis drugs against dexamethasone-induced osteoporosis-like phenotype using a zebrafish scale-regeneration model. <i>Journal of Pharmacological Sciences</i> , 2020, 143, 117-121.	2.5	10

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109	Contribution of platelet-derived growth factor signaling to retina regeneration in zebrafish. <i>Neuroscience Letters</i> , 2020, 727, 134930.	2.1	10
110	Pro-inflammatory cytokines suppress HYBID (hyaluronan (HA) -binding protein involved in HA) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 <i>Biophysical Research Communications</i> , 2021, 539, 77-82.	2.1	10
111	Mitochondria dynamics in the aged mice eye and the role in the RPE phagocytosis. <i>Experimental Eye Research</i> , 2021, 213, 108800.	2.6	10
112	Piezo1 activation induces fibronectin reduction and PGF2 $\pm$ secretion via arachidonic acid cascade. <i>Experimental Eye Research</i> , 2022, 215, 108917.	2.6	10
113	Role of Metallothioneins 1 and 2 in Ocular Neovascularization. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 3851-6860.	3.3	9
114	Effects of kallidinogenase on retinal edema and size of non-perfused areas in mice with retinal vein occlusion. <i>Journal of Pharmacological Sciences</i> , 2017, 134, 86-92.	2.5	9
115	Involvement of cannabinoid receptor type 2 in light-induced degeneration of cells from mouse retinal cell line in vitro and mouse photoreceptors in vivo. <i>Experimental Eye Research</i> , 2018, 167, 44-50.	2.6	9
116	Efficacy of Prednisolone in Generated Myotubes Derived From Fibroblasts of Duchenne Muscular Dystrophy Patients. <i>Frontiers in Pharmacology</i> , 2018, 9, 1402.	3.5	9
117	Impaired Cerebellar Development in Mice Overexpressing VGF. <i>Neurochemical Research</i> , 2019, 44, 374-387.	3.3	9
118	Carteolol hydrochloride reduces visible light-induced retinal damage in vivo and BSO/glutamate-induced oxidative stress in vitro. <i>Journal of Pharmacological Sciences</i> , 2019, 139, 84-90.	2.5	9
119	Levetiracetam, an Antiepileptic Drug has Neuroprotective Effects on Intracranial Hemorrhage Injury. <i>Neuroscience</i> , 2020, 431, 25-33.	2.3	9
120	Progranulin deficiency in Iba-1+ myeloid cells exacerbates choroidal neovascularization by perturbation of lysosomal function and abnormal inflammation. <i>Journal of Neuroinflammation</i> , 2021, 18, 164.	7.2	9
121	HYBID derived from tumor cells and tumor-associated macrophages contribute to the glioblastoma growth. <i>Brain Research</i> , 2021, 1764, 147490.	2.2	9
122	Canine SOD1 harboring E40K or T18S mutations promotes protein aggregation without reducing the global structural stability. <i>PeerJ</i> , 2020, 8, e9512.	2.0	9
123	The involvement of ATF4 and S-opsin in retinal photoreceptor cell damage induced by blue LED light. <i>Molecular Vision</i> , 2017, 23, 52-59.	1.1	9
124	Memantine, an NMDA receptor antagonist, improves working memory deficits in DGK $\hat{2}$ knockout mice. <i>Neuroscience Letters</i> , 2016, 630, 228-232.	2.1	8
125	Rimonabant, a selective cannabinoid 1 receptor antagonist, protects against light-induced retinal degeneration in vitro and in vivo. <i>European Journal of Pharmacology</i> , 2017, 803, 78-83.	3.5	8
126	Movement of retinal vessels toward the optic nerve head after increasing intraocular pressure in monkey eyes with experimental glaucoma. <i>Experimental Eye Research</i> , 2017, 162, 110-115.	2.6	8



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127	Overcoming Obstacles to Drug Repositioning in Japan. <i>Frontiers in Pharmacology</i> , 2017, 8, 729.	3.5	8
128	Effect of metal artifact reduction software on image quality of C-arm cone-beam computed tomography during intracranial aneurysm treatment. <i>Interventional Neuroradiology</i> , 2018, 24, 303-308.	1.1	8
129	Reduced Cholinergic Activity in the Hippocampus of Hippocampal Cholinergic Neurostimulating Peptide Precursor Protein Knockout Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5367.	4.1	8
130	Evaluation of Bleb Characteristics after Trabeculectomy and Glaucoma Implant Surgery in the Rabbit. <i>Ophthalmic Research</i> , 2021, 64, 68-76.	1.9	8
131	Pharmacological inhibition of mitochondrial fission attenuates oxidative stress-induced damage of retinal pigmented epithelial cells. <i>Journal of Pharmacological Sciences</i> , 2021, 146, 149-159.	2.5	8
132	Oral and ocular administration of crocetin prevents retinal edema in a murine retinal vein occlusion model. <i>Molecular Vision</i> , 2019, 25, 859-868.	1.1	8
133	Canagliflozin Inhibits Glioblastoma Growth and Proliferation by Activating AMPK. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 879-892.	3.3	8
134	Proteomic approach with LCMS-IT-TOF identified an increase of Rab33B after transient focal cerebral ischemia in mice. <i>Experimental &amp; Translational Stroke Medicine</i> , 2010, 2, 20.	3.2	7
135	Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Induced by Repeated Forced Swimming in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1140-1145.	1.4	7
136	ANKFY1 is essential for retinal endothelial cell proliferation and migration via VEGFR2/Akt/eNOS pathway. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 1406-1412.	2.1	7
137	<i>Acorus calamus</i> extract and its component $\hat{\iota}$ -asarone attenuate murine hippocampal neuronal cell death induced by $\text{Ca}^{2+}$ -glutamate and tunicamycin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 493-501.	1.3	7
138	Microglia increases the proliferation of retinal precursor cells during postnatal development. <i>Molecular Vision</i> , 2018, 24, 536-545.	1.1	7
139	The protective effect of <i>Centella asiatica</i> and its constituent, araliadiol on neuronal cell damage and cognitive impairment. <i>Journal of Pharmacological Sciences</i> , 2022, 148, 162-171.	2.5	7
140	Fermented Rice Germ Extract Alleviates Morphological and Functional Damage to Murine Gastrocnemius Muscle by Inactivation of AMP-Activated Protein Kinase. <i>Journal of Medicinal Food</i> , 2017, 20, 969-980.	1.5	6
141	Platelet-Derived Growth Factor-BB Lessens Light-Induced Rod Photoreceptor Damage in Mice. , 2017, 58, 6299.		6
142	Activation of the unfolded protein response in canine degenerative myelopathy. <i>Neuroscience Letters</i> , 2018, 687, 216-222.	2.1	6
143	Therapeutic Effects of Iron Chelation in Atorvastatin-Induced Intracranial Hemorrhage of Zebrafish Larvae. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105215.	1.6	6
144	The Changes in Blood Flow Seen in the Eye after Foot Acupuncture Treatment in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-6.	1.2	6

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145	Treatment with GDF15, a TGF $\beta$ 2 superfamily protein, induces protective effect on retinal ganglion cells. <i>Experimental Eye Research</i> , 2021, 202, 108338.	2.6	6
146	Reduced mitochondrial complex II activity enhances cell death via intracellular reactive oxygen species in STHdhQ111 striatal neurons with mutant huntingtin. <i>Journal of Pharmacological Sciences</i> , 2021, 147, 367-375.	2.5	6
147	An Experimental Model for Exudative Age-related Macular Degeneration with Choroidal Neovascularization Using the Common Marmoset. <i>Current Neurovascular Research</i> , 2015, 12, 128-134.	1.1	6
148	In Models of Intracerebral Hemorrhage, Rivaroxaban is Superior to Warfarin to Limit Blood Brain Barrier Disruption and Hematoma Expansion. <i>Current Neurovascular Research</i> , 2017, 14, 96-103.	1.1	6
149	Difference in the emetic control among highly emetogenic chemotherapy regimens: Implementation for appropriate use of aprepitant. <i>Molecular and Clinical Oncology</i> , 2013, 1, 41-46.	1.0	5
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