

Masamitsu Shimazawa

List of Publications by Year in descending order

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Version: 2024-02-01

176
papers

3,794
citations

136950

32
h-index

197818

49
g-index

180
all docs

180
docs citations

180
times ranked

5514
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Canagliflozin Inhibits Glioblastoma Growth and Proliferation by Activating AMPK. Cellular and Molecular Neurobiology, 2023, 43, 879-892. | 3.3 | 8 |
| 2 | Nafamostat protects against early brain injury after subarachnoid hemorrhage in mice. Journal of Pharmacological Sciences, 2022, 148, 65-72. | 2.5 | 5 |
| 3 | The protective effect of Centella asiatica and its constituent, araliadiol on neuronal cell damage and cognitive impairment. Journal of Pharmacological Sciences, 2022, 148, 162-171. | 2.5 | 7 |
| 4 | Piezo1 activation induces fibronectin reduction and PGF2 \pm secretion via arachidonic acid cascade. Experimental Eye Research, 2022, 215, 108917. | 2.6 | 10 |
| 5 | Lipid Droplet Accumulation Promotes RPE Dysfunction. International Journal of Molecular Sciences, 2022, 23, 1790. | 4.1 | 13 |
| 6 | Progranulin Insufficiency Affects Lysosomal Homeostasis in Retinal Pigment Epithelium. In Vivo, 2022, 36, 610-617. | 1.3 | 1 |
| 7 | The pathological association between the anterior eye segment and the retina in a murine model of neovascular glaucoma. FASEB Journal, 2022, 36, e22323. | 0.5 | 2 |
| 8 | Glutamatergic dysfunction is associated with phenotypes of VGF-overexpressing mice. Experimental Brain Research, 2022, , . | 1.5 | 0 |
| 9 | Efficacy of an Anti-Semaphorin 3A Neutralizing Antibody in a Male Experimental Retinal Vein Occlusion Mouse Model. , 2022, 63, 14. | | 3 |
| 10 | Evaluation of Bleb Characteristics after Trabeculectomy and Glaucoma Implant Surgery in the Rabbit. Ophthalmic Research, 2021, 64, 68-76. | 1.9 | 8 |
| 11 | Treatment with GDF15, a TGF β superfamily protein, induces protective effect on retinal ganglion cells. Experimental Eye Research, 2021, 202, 108338. | 2.6 | 6 |
| 12 | Deferasirox, a trivalent iron chelator, ameliorates neuronal damage in hemorrhagic stroke models. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 73-84. | 3.0 | 19 |
| 13 | Excess adiponectin in eyes with progressive ocular vascular diseases. FASEB Journal, 2021, 35, e21313. | 0.5 | 13 |
| 14 | <i>Acorus calamus</i> extract and its component $\hat{\pm}$ -asarone attenuate murine hippocampal neuronal cell death induced by $\langle \text{scp} \rangle \text{I} \langle / \text{scp} \rangle$ -glutamate and tunicamycin. Bioscience, Biotechnology and Biochemistry, 2021, 85, 493-501. | 1.3 | 7 |
| 15 | Establishment of a pigmented murine model abundant with characteristics of retinal vein occlusion. Experimental Eye Research, 2021, 204, 108441. | 2.6 | 4 |
| 16 | Oral administration of NSP-116, a free radical scavenger, suppresses the symptoms of retinal vein occlusion in the murine model. Experimental Eye Research, 2021, 204, 108453. | 2.6 | 0 |
| 17 | A longitudinal comparison in cynomolgus macaques of the effect of brimonidine on optic nerve neuropathy using diffusion tensor imaging magnetic resonance imaging and spectral domain optical coherence tomography. Heliyon, 2021, 7, e06701. | 3.2 | 5 |
| 18 | Progranulin deficiency in Iba-1+ myeloid cells exacerbates choroidal neovascularization by perturbation of lysosomal function and abnormal inflammation. Journal of Neuroinflammation, 2021, 18, 164. | 7.2 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | Creation of Retinal Vein Occlusion Model in Cynomolgus Monkeys and Determination of its Pathological Features. <i>Current Neurovascular Research</i> , 2021, 18, 123-133. | 1.1 | 2 |
| 21 | HYBID derived from tumor cells and tumor-associated macrophages contribute to the glioblastoma growth. <i>Brain Research</i> , 2021, 1764, 147490. | 2.2 | 9 |
| 22 | Involvement of Cerebral Blood Flow on Neurological and Behavioral Functions after Subarachnoid Hemorrhage in Mice. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105952. | 1.6 | 4 |
| 23 | Involvement of endoplasmic reticulum stress in rotenone-induced leber hereditary optic neuropathy model and the discovery of new therapeutic agents. <i>Journal of Pharmacological Sciences</i> , 2021, 147, 200-207. | 2.5 | 4 |
| 24 | Piezo 1 is involved in intraocular pressure regulation. <i>Journal of Pharmacological Sciences</i> , 2021, 147, 211-221. | 2.5 | 15 |
| 25 | 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 |
| 26 | 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 |
| 27 | Retinal Degeneration and Microglial Dynamics in Mature Progranulin-Deficient Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11557. | 4.1 | 2 |
| 28 | Effect of Timolol on Optineurin Aggregation in Transformed Induced Pluripotent Stem Cells Derived From Patient With Familial Glaucoma. , 2020, 59, 2293. | | 13 |
| 29 | Piezo channel plays a part in retinal ganglion cell damage. <i>Experimental Eye Research</i> , 2020, 191, 107900. | 2.6 | 39 |
| 30 | Survival motor neuron protein regulates oxidative stress and inflammatory response in microglia of the spinal cord in spinal muscular atrophy. <i>Journal of Pharmacological Sciences</i> , 2020, 144, 204-211. | 2.5 | 14 |
| 31 | 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 |
| 32 | 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 |
| 33 | Effects of progranulin on the pathological conditions in experimental myocardial infarction model. <i>Scientific Reports</i> , 2020, 10, 11842. | 3.3 | 10 |
| 34 | The Mitochondria-targeted Peptide, Bendavia, Attenuated Ischemia/Reperfusion-induced Stroke Damage. <i>Neuroscience</i> , 2020, 443, 110-119. | 2.3 | 20 |
| 35 | Antitumour Effects of Astaxanthin and Adonixanthin on Glioblastoma. <i>Marine Drugs</i> , 2020, 18, 474. | 4.6 | 21 |
| 36 | Identification of VGF nerve growth factor inducible-producing cells in human spinal cords and expression change in patients with amyotrophic lateral sclerosis. <i>International Journal of Medical Sciences</i> , 2020, 17, 480-489. | 2.5 | 5 |

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|----|--|-----|-----------|
| 37 | Levetiracetam, an Antiepileptic Drug has Neuroprotective Effects on Intracranial Hemorrhage Injury. <i>Neuroscience</i> , 2020, 431, 25-33. | 2.3 | 9 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | Contribution of platelet-derived growth factor signaling to retina regeneration in zebrafish. <i>Neuroscience Letters</i> , 2020, 727, 134930. | 2.1 | 10 |
| 42 | 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 |
| 43 | Riluzole enhances the antitumor effects of temozolomide via suppression of MGMT expression in glioblastoma. <i>Journal of Neurosurgery</i> , 2020, 134, 1-10. | 1.6 | 15 |
| 44 | Importance of CBF measurement to exclude concomitant cerebral infarction in the murine endovascular perforation SAH model. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105243. | 1.6 | 2 |
| 45 | Anti-vascular Endothelial Growth Factor Antibody Limits the Vascular Leakage and Decreases Subretinal Fibrosis in a Cynomolgus Monkey Choroidal Neovascularization Model. <i>Current Neurovascular Research</i> , 2020, 17, 420-428. | 1.1 | 5 |
| 46 | SMN Protein Contributes to Skeletal Muscle Cell Maturation Via Caspase-3 and Akt Activation. <i>In Vivo</i> , 2020, 34, 3247-3254. | 1.3 | 4 |
| 47 | Central Nervous System Migration of Astaxanthin and Adonixanthin Following Their Oral Administration in Cynomolgus Monkeys. <i>Journal of Nutritional Science and Vitaminology</i> , 2020, 66, 488-494. | 0.6 | 5 |
| 48 | The role of a novel hyaluronan depolymerization factor, HYBID, on glioma. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2020, 93, 1-SS-19. | 0.0 | 0 |
| 49 | Distribution of Carotenoids and Protective Effects of Zeaxanthin on Retina of Ayu Sweetfish (<i>Plecoglossus altivelis</i>). <i>Journal of Oleo Science</i> , 2020, 69, 1095-1105. | 1.4 | 3 |
| 50 | The role of a novel hyaluronan depolymerization factor, HYBID, on glioma. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2020, 93, 3-P-341. | 0.0 | 0 |
| 51 | Phosphoethanolamine Elevation in Plasma of Spinal Muscular Atrophy Type 1 Patients. <i>Kobe Journal of Medical Sciences</i> , 2020, 66, E1-E11. | 0.2 | 1 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|--|-----|-----------|
| 55 | Temozolomide has anti-tumor effects through the phosphorylation of cPLA2 on glioblastoma cells. Brain Research, 2019, 1723, 146396. | 2.2 | 12 |
| 56 | Nrf2 Activator RS9 Suppresses Pathological Ocular Angiogenesis and Hyperpermeability. , 2019, 60, 1943. | | 23 |
| 57 | The Protective Effects of Levetiracetam on a Human iPSCs-Derived Spinal Muscular Atrophy Model. Neurochemical Research, 2019, 44, 1773-1779. | 3.3 | 18 |
| 58 | Intracellular Fe ²⁺ accumulation in endothelial cells and pericytes induces blood-brain barrier dysfunction in secondary brain injury after brain hemorrhage. Scientific Reports, 2019, 9, 6228. | 3.3 | 56 |
| 59 | VGF has Roles in the Pathogenesis of Major Depressive Disorder and Schizophrenia: Evidence from Transgenic Mouse Models. Cellular and Molecular Neurobiology, 2019, 39, 721-727. | 3.3 | 10 |
| 60 | Notch Signaling Mediates Astrocyte Abnormality in Spinal Muscular Atrophy Model Systems. Scientific Reports, 2019, 9, 3701. | 3.3 | 19 |
| 61 | The Protective Effect of Blue Light Cutting Particles Mixed Optical Material against Blue LED Light-Induced Photoreceptor and Cornea Cell Death. Journal of Science and Technology in Lighting, 2019, 42, 29-32. | 0.4 | 1 |
| 62 | Impairment of oligodendrocyte lineages in spinal muscular atrophy model systems. NeuroReport, 2019, 30, 350-357. | 1.2 | 10 |
| 63 | Impaired Cerebellar Development in Mice Overexpressing VGF. Neurochemical Research, 2019, 44, 374-387. | 3.3 | 9 |
| 64 | Carteolol hydrochloride reduces visible light-induced retinal damage in vivo and BSO/glutamate-induced oxidative stress in vitro. Journal of Pharmacological Sciences, 2019, 139, 84-90. | 2.5 | 9 |
| 65 | The effect of anti-adiponectin antibody on experimental macular edema. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 2-P-067. | 0.0 | 0 |
| 66 | Anti-VEGFR2 Antibody-modified Micelle for Triggered Drug Delivery and Effective Therapy of Choroidal Neovascularization. Current Neurovascular Research, 2019, 16, 258-265. | 1.1 | 2 |
| 67 | Oral and ocular administration of crocetin prevents retinal edema in a murine retinal vein occlusion model. Molecular Vision, 2019, 25, 859-868. | 1.1 | 8 |
| 68 | Potential effects of progranulin and granulins against retinal photoreceptor cell degeneration. Molecular Vision, 2019, 25, 902-911. | 1.1 | 3 |
| 69 | Sensorimotor gating deficits and effects of antipsychotics on the hyperactivity in VGF-overexpressing mice. Pharmacological Reports, 2018, 70, 476-480. | 3.3 | 5 |
| 70 | Exposure to Blue LED Light at Subjective Daytime Does not Affect Brain Function in Pigmented Mice. Journal of Science and Technology in Lighting, 2018, 41, 22-29. | 0.4 | 0 |
| 71 | Both Autocrine Signaling and Paracrine Signaling of HB-EGF Enhance Ocular Neovascularization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 174-185. | 2.4 | 18 |
| 72 | Involvement of cannabinoid receptor type 2 in light-induced degeneration of cells from mouse retinal cell line in vitro and mouse photoreceptors in vivo. Experimental Eye Research, 2018, 167, 44-50. | 2.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Granulin 1 Promotes Retinal Regeneration in Zebrafish. , 2018, 59, 6057. | | 12 |
| 74 | 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 |
| 75 | VGF nerve growth factor inducible is involved in retinal ganglion cells death induced by optic nerve crush. <i>Scientific Reports</i> , 2018, 8, 16443. | 3.3 | 16 |
| 76 | Pathophysiological Role of VEGF on Retinal Edema and Nonperfused Areas in Mouse Eyes With Retinal Vein Occlusion. , 2018, 59, 4701. | | 15 |
| 77 | Targeted deletion of HYBID (hyaluronan binding protein involved in hyaluronan depolymerization/) Tj ETQq1 1 0.784314 rgBT /Overlook accumulation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1934-1940. | 2.1 | 24 |
| 78 | 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 |
| 79 | Intravitreal aflibercept protects photoreceptors of mice against excessive light exposure. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 407-411. | 2.5 | 3 |
| 80 | Physiological Roles of Metallothioneins in Central Nervous System Diseases. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1006-1013. | 1.4 | 4 |
| 81 | 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 |
| 82 | Effects of ripasudil, a ROCK inhibitor, on retinal edema and nonperfusion area in a retinal vein occlusion murine model. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 129-136. | 2.5 | 13 |
| 83 | Irreversible Photoreceptors and RPE Cells Damage by Intravenous Sodium Iodate in Mice Is Related to Macrophage Accumulation. , 2018, 59, 3476. | | 48 |
| 84 | 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 |
| 85 | A novel Nrf2 activator, RS9, attenuates secondary brain injury after intracerebral hemorrhage in sub-acute phase. <i>Brain Research</i> , 2018, 1701, 137-145. | 2.2 | 32 |
| 86 | The inhibition of Notch signaling ameliorates the motor functional deficits and astrocytic abnormality of in vitro and in vivo spinal muscular atrophy models. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-1-102. | 0.0 | 0 |
| 87 | The protective effects of levetiracetam on spinal muscular atrophy models. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-1-117. | 0.0 | 0 |
| 88 | Hemoglobin-related molecules injure blood-brain barrier via iron accumulation. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-1-87. | 0.0 | 0 |
| 89 | Adiponectin is a pathological factor for intraocular angiogenesis. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-9-13. | 0.0 | 0 |
| 90 | Microglia increases the proliferation of retinal precursor cells during postnatal development. <i>Molecular Vision</i> , 2018, 24, 536-545. | 1.1 | 7 |

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|-----|--|-----|-----------|
| 91 | Bilberry extract and anthocyanins suppress unfolded protein response induced by exposure to blue LED light of cells in photoreceptor cell line. <i>Molecular Vision</i> , 2018, 24, 621-632. | 1.1 | 14 |
| 92 | Cilostazol ameliorates collagenase-induced cerebral hemorrhage by protecting the blood-brain barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 123-139. | 4.3 | 42 |
| 93 | Distribution and function of hyaluronan binding protein involved in hyaluronan depolymerization (HYBID, KIAA1199) in the mouse central nervous system. <i>Neuroscience</i> , 2017, 347, 1-10. | 2.3 | 34 |
| 94 | Progranulin increases phagocytosis by retinal pigment epithelial cells in culture. <i>Journal of Neuroscience Research</i> , 2017, 95, 2500-2510. | 2.9 | 5 |
| 95 | Protective effects of fluoroquinolones on UV-induced damage of cultured ocular cell lines. <i>European Journal of Pharmacology</i> , 2017, 806, 59-66. | 3.5 | 5 |
| 96 | A pharmacological approach in newly established retinal vein occlusion model. <i>Scientific Reports</i> , 2017, 7, 43509. | 3.3 | 41 |
| 97 | Progranulin deficiency causes the retinal ganglion cell loss during development. <i>Scientific Reports</i> , 2017, 7, 1679. | 3.3 | 21 |
| 98 | Toll-like receptor 4 inhibitor protects against retinal ganglion cell damage induced by optic nerve crush in mice. <i>Journal of Pharmacological Sciences</i> , 2017, 133, 176-183. | 2.5 | 35 |
| 99 | RS9, 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 |
| 100 | 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 |
| 101 | GPNMB ameliorates mutant TDP43-induced motor neuron cell death. <i>Journal of Neuroscience Research</i> , 2017, 95, 1647-1665. | 2.9 | 24 |
| 102 | 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 |
| 103 | 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 |
| 104 | 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 |
| 105 | Effects of ticagrelor in a mouse model of ischemic stroke. <i>Scientific Reports</i> , 2017, 7, 12088. | 3.3 | 28 |
| 106 | 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 |
| 107 | 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 |
| 108 | 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 |

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|-----|---|-----|-----------|
| 109 | Behavioral abnormalities with disruption of brain structure in mice overexpressing VGF. <i>Scientific Reports</i> , 2017, 7, 4691. | 3.3 | 20 |
| 110 | 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 |
| 111 | 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 |
| 112 | Platelet-Derived Growth Factor-BB Lessens Light-Induced Rod Photoreceptor Damage in Mice. , 2017, 58, 6299. | | 6 |
| 113 | Apolipoprotein E2 and E3, but Not E4, Promote Retinal Pathologic Neovascularization. , 2017, 58, 1208. | | 19 |
| 114 | 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 |
| 115 | Topical Diclofenac-Loaded Liposomes Ameliorate Laser-Induced Choroidal Neovascularization in Mice and Non-Human Primates. <i>Current Neurovascular Research</i> , 2017, 14, 46-52. | 1.1 | 9 |
| 116 | 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 |
| 117 | EP300 Protects from Light-Induced Retinopathy in Zebrafish. <i>Frontiers in Pharmacology</i> , 2016, 7, 126. | 3.5 | 13 |
| 118 | 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 |
| 119 | Memantine, an NMDA receptor antagonist, improves working memory deficits in DGK β knockout mice. <i>Neuroscience Letters</i> , 2016, 630, 228-232. | 2.1 | 8 |
| 120 | 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 |
| 121 | Crocetin protects ultraviolet A-induced oxidative stress and cell death in skin in vitro and in vivo. <i>European Journal of Pharmacology</i> , 2016, 789, 244-253. | 3.5 | 33 |
| 122 | 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 |
| 123 | Glycoprotein nonmetastatic melanoma protein B (GPNMB) promotes the progression of brain glioblastoma via Na ⁺ /K ⁺ -ATPase. <i>Biochemical and Biophysical Research Communications</i> , 2016, 481, 7-12. | 2.1 | 15 |
| 124 | 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 |
| 125 | Glycoprotein nonmetastatic melanoma protein B extracellular fragment shows neuroprotective effects and activates the PI3K/Akt and MEK/ERK pathways via the Na ⁺ /K ⁺ -ATPase. <i>Scientific Reports</i> , 2016, 6, 23241. | 3.3 | 37 |
| 126 | Colored lenses suppress blue light-emitting diode light-induced damage in photoreceptor-derived cells. <i>Journal of Biomedical Optics</i> , 2016, 21, 035004. | 2.6 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | 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 |
| 128 | Protective effects of NSP-116, a novel imidazolyl aniline derivative, against light-induced retinal damage in vitro and in vivo. <i>Free Radical Biology and Medicine</i> , 2016, 96, 304-312. | 2.9 | 14 |
| 129 | Nrf2 activator ameliorates hemorrhagic transformation in focal cerebral ischemia under warfarin anticoagulation. <i>Neurobiology of Disease</i> , 2016, 89, 136-146. | 4.4 | 36 |
| 130 | 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 |
| 131 | Analysis and characterization of anthocyanins and carotenoids in Japanese blue tomato. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 341-349. | 1.3 | 18 |
| 132 | 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 |
| 133 | Glycoprotein nonmetastatic melanoma protein B ameliorates skeletal muscle lesions in a SOD1 ^{G93A} mouse model of amyotrophic lateral sclerosis. <i>Journal of Neuroscience Research</i> , 2015, 93, 1552-1566. | 2.9 | 24 |
| 134 | Brazilian green propolis water extract up-regulates the early expression level of HO-1 and accelerates Nrf2 after UVA irradiation. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 421. | 3.7 | 32 |
| 135 | Involvement of endoplasmic reticulum stress in optic nerve degeneration after chronic high intraocular pressure in DBA/2J mice. <i>Journal of Neuroscience Research</i> , 2015, 93, 1675-1683. | 2.9 | 13 |
| 136 | The kallikrein system in retinal damage/protection. <i>European Journal of Pharmacology</i> , 2015, 749, 161-163. | 3.5 | 12 |
| 137 | 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 |
| 138 | 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 |
| 139 | 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 |
| 140 | Glucagon-like peptide-1 protects the murine hippocampus against stressors via Akt and ERK1/2 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 274-279. | 2.1 | 31 |
| 141 | TUDCA Promotes Phagocytosis by Retinal Pigment Epithelium via MerTK Activation. , 2015, 56, 2511. | | 27 |
| 142 | The extracellular fragment of <sc>GPNMB</sc> (Glycoprotein nonmelanosoma protein B,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 <i>Neurochemistry</i> , 2015, 132, 583-594. | 3.9 | 16 |
| 143 | The effects of valproate and olanzapine on the abnormal behavior of diacylglycerol kinase $\hat{2}$ knockout mice. <i>Pharmacological Reports</i> , 2015, 67, 275-280. | 3.3 | 3 |
| 144 | Photobiomodulation with 670 nm light increased phagocytosis in human retinal pigment epithelial cells. <i>Molecular Vision</i> , 2015, 21, 883-92. | 1.1 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
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