

Toshihide Kurihara

List of Publications by Year in descending order

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Version: 2024-02-01

249
papers

11,109
citations

41344

49
h-index

51608

86
g-index

255
all docs

255
docs citations

255
times ranked

10727
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Drusen, choroidal neovascularization, and retinal pigment epithelium dysfunction in SOD1-deficient mice: A model of age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11282-11287. | 7.1 | 375 |
| 2 | Impaired functional visual acuity of dry eye patients. <i>American Journal of Ophthalmology</i> , 2002, 133, 181-186. | 3.3 | 368 |
| 3 | Dry Eyes and Video Display Terminals. <i>New England Journal of Medicine</i> , 1993, 328, 584-584. | 27.0 | 313 |
| 4 | Prevalence of Dry Eye Disease among Japanese Visual Display Terminal Users. <i>Ophthalmology</i> , 2008, 115, 1982-1988. | 5.2 | 300 |
| 5 | Targeted deletion of Vegfa in adult mice induces vision loss. <i>Journal of Clinical Investigation</i> , 2012, 122, 4213-4217. | 8.2 | 284 |
| 6 | Neurodegenerative influence of oxidative stress in the retina of a murine model of diabetes. <i>Diabetologia</i> , 2010, 53, 971-979. | 6.3 | 245 |
| 7 | New Grading System for the Evaluation of Chronic Ocular Manifestations in Patients with Stevensâ€“Johnson Syndrome. <i>Ophthalmology</i> , 2007, 114, 1294-1302. | 5.2 | 241 |
| 8 | Neurons Limit Angiogenesis by Titrating VEGF in Retina. <i>Cell</i> , 2014, 159, 584-596. | 28.9 | 232 |
| 9 | A review on the epidemiology of myopia in school children worldwide. <i>BMC Ophthalmology</i> , 2020, 20, 27. | 1.4 | 211 |
| 10 | Suppression of Diabetes-Induced Retinal Inflammation by Blocking the Angiotensin II Type 1 Receptor or Its Downstream Nuclear Factor- κ B Pathway. , 2007, 48, 4342. | | 177 |
| 11 | Hypoxia-induced metabolic stress in retinal pigment epithelial cells is sufficient to induce photoreceptor degeneration. <i>ELife</i> , 2016, 5, . | 6.0 | 159 |
| 12 | Prevention of Ocular Inflammation in Endotoxin-Induced Uveitis with Resveratrol by Inhibiting Oxidative Damage and Nuclear Factor κ B Activation. , 2009, 50, 3512. | | 152 |
| 13 | Clinical and Molecular Characteristics of Childhood-Onset Stargardt Disease. <i>Ophthalmology</i> , 2015, 122, 326-334. | 5.2 | 146 |
| 14 | Astrocyte hypoxic response is essential for pathological but not developmental angiogenesis of the retina. <i>Glia</i> , 2010, 58, 1177-1185. | 4.9 | 142 |
| 15 | Neuroprotective Effects of Lutein in the Retina. <i>Current Pharmaceutical Design</i> , 2012, 18, 51-56. | 1.9 | 141 |
| 16 | Macular Pigment Lutein Is Antiinflammatory in Preventing Choroidal Neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 2555-2562. | 2.4 | 140 |
| 17 | (Pro)renin Receptor-Mediated Signal Transduction and Tissue Renin-Angiotensin System Contribute to Diabetes-Induced Retinal Inflammation. <i>Diabetes</i> , 2009, 58, 1625-1633. | 0.6 | 136 |
| 18 | Neuroprotective Effect of an Antioxidant, Lutein, during Retinal Inflammation. , 2009, 50, 1433. | | 136 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Neurovascular crosstalk between interneurons and capillaries is required for vision. <i>Journal of Clinical Investigation</i> , 2015, 125, 2335-2346. | 8.2 | 133 |
| 20 | Interleukin-6 Receptor-Mediated Activation of Signal Transducer and Activator of Transcription-3 (STAT3) Promotes Choroidal Neovascularization. <i>American Journal of Pathology</i> , 2007, 170, 2149-2158. | 3.8 | 132 |
| 21 | Angiotensin II Type 1 Receptor Signaling Contributes to Synaptophysin Degradation and Neuronal Dysfunction in the Diabetic Retina. <i>Diabetes</i> , 2008, 57, 2191-2198. | 0.6 | 125 |
| 22 | Violet Light Exposure Can Be a Preventive Strategy Against Myopia Progression. <i>EBioMedicine</i> , 2017, 15, 210-219. | 6.1 | 125 |
| 23 | A Longitudinal Study of Stargardt Disease: Clinical and Electrophysiologic Assessment, Progression, and Genotype Correlations. <i>American Journal of Ophthalmology</i> , 2013, 155, 1075-1088.e13. | 3.3 | 121 |
| 24 | A Longitudinal Study of Stargardt Disease: Quantitative Assessment of Fundus Autofluorescence, Progression, and Genotype Correlations. , 2013, 54, 8181. | | 119 |
| 25 | Hydrogen and N-Acetyl-Cysteine Rescue Oxidative Stress-Induced Angiogenesis in a Mouse Corneal Alkali-Burn Model. , 2011, 52, 427. | | 117 |
| 26 | Angiotensin II Type 1 Receptor-Mediated Inflammation Is Required for Choroidal Neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2252-2259. | 2.4 | 115 |
| 27 | Neuroprotective Effects of Angiotensin II Type 1 Receptor (AT1R) Blocker, Telmisartan, via Modulating AT1R and AT2R Signaling in Retinal Inflammation. , 2006, 47, 5545. | | 112 |
| 28 | Age-Related Dysfunction of the Lacrimal Gland and Oxidative Stress. <i>American Journal of Pathology</i> , 2012, 180, 1879-1896. | 3.8 | 108 |
| 29 | Roles of AMP-Activated Protein Kinase in Diabetes-Induced Retinal Inflammation. , 2011, 52, 9142. | | 107 |
| 30 | Retinal Dysfunction and Progressive Retinal Cell Death in SOD1-Deficient Mice. <i>American Journal of Pathology</i> , 2008, 172, 1325-1331. | 3.8 | 105 |
| 31 | Clinical and Molecular Analysis of Stargardt Disease With Preserved Foveal Structure and Function. <i>American Journal of Ophthalmology</i> , 2013, 156, 487-501.e1. | 3.3 | 100 |
| 32 | The use of induced pluripotent stem cells to reveal pathogenic gene mutations and explore treatments for retinitis pigmentosa. <i>Molecular Brain</i> , 2014, 7, 45. | 2.6 | 95 |
| 33 | Suppression of Ocular Inflammation in Endotoxin-Induced Uveitis by Inhibiting Nonproteolytic Activation of Prorenin. , 2006, 47, 2686. | | 94 |
| 34 | Resveratrol Prevents Light-Induced Retinal Degeneration via Suppressing Activator Protein-1 Activation. <i>American Journal of Pathology</i> , 2010, 177, 1725-1731. | 3.8 | 91 |
| 35 | Vision preservation during retinal inflammation by anthocyanin-rich bilberry extract: cellular and molecular mechanism. <i>Laboratory Investigation</i> , 2012, 92, 102-109. | 3.7 | 91 |
| 36 | Resveratrol prevents the development of abdominal aortic aneurysm through attenuation of inflammation, oxidative stress, and neovascularization. <i>Atherosclerosis</i> , 2011, 217, 350-357. | 0.8 | 89 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Current Prevalence of Myopia and Association of Myopia With Environmental Factors Among Schoolchildren in Japan. <i>JAMA Ophthalmology</i> , 2019, 137, 1233. | 2.5 | 88 |
| 38 | Biological role of lutein in the light-induced retinal degeneration. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 423-429. | 4.2 | 87 |
| 39 | Lutein acts via multiple antioxidant pathways in the photo-stressed retina. <i>Scientific Reports</i> , 2016, 6, 30226. | 3.3 | 85 |
| 40 | Generation of Retinal Pigment Epithelial Cells from Small Molecules and <i>OCT4</i> Reprogrammed Human Induced Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2012, 1, 96-109. | 3.3 | 83 |
| 41 | Inhibition of Choroidal Neovascularization with an Anti-Inflammatory Carotenoid Astaxanthin. , 2008, 49, 1679. | | 82 |
| 42 | Global metabolomics reveals metabolic dysregulation in ischemic retinopathy. <i>Metabolomics</i> , 2016, 12, 15. | 3.0 | 80 |
| 43 | Suppression of Ocular Inflammation in Endotoxin-Induced Uveitis by Blocking the Angiotensin II Type 1 Receptor. , 2005, 46, 2925. | | 77 |
| 44 | Predictive factors for non-response to intravitreal ranibizumab treatment in age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2014, 98, 1186-1191. | 3.9 | 77 |
| 45 | Role of Nonproteolytically Activated Prorenin in Pathologic, but Not Physiologic, Retinal Neovascularization. , 2007, 48, 422. | | 74 |
| 46 | Neural Degeneration in the Retina of the Streptozotocin-Induced Type 1 Diabetes Model. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-7. | 3.8 | 74 |
| 47 | Hypoxia-Inducible Factor (HIF)/Vascular Endothelial Growth Factor (VEGF) Signaling in the Retina. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 275-281. | 1.6 | 74 |
| 48 | Decreased sleep quality in high myopia children. <i>Scientific Reports</i> , 2016, 6, 33902. | 3.3 | 71 |
| 49 | Selective Suppression of Pathologic, but Not Physiologic, Retinal Neovascularization by Blocking the Angiotensin II Type 1 Receptor. , 2005, 46, 1078. | | 70 |
| 50 | von Hippel-Lindau protein regulates transition from the fetal to the adult circulatory system in retina. <i>Development (Cambridge)</i> , 2010, 137, 1563-1571. | 2.5 | 70 |
| 51 | Eicosapentaenoic Acid Is Anti-Inflammatory in Preventing Choroidal Neovascularization in Mice. , 2007, 48, 4328. | | 69 |
| 52 | Disruption of Cell-Cell Junctions and Induction of Pathological Cytokines in the Retinal Pigment Epithelium of Light-Exposed Mice. , 2013, 54, 4555. | | 67 |
| 53 | Roles of STAT3/SOCS3 Pathway in Regulating the Visual Function and Ubiquitin-Proteasome-dependent Degradation of Rhodopsin during Retinal Inflammation. <i>Journal of Biological Chemistry</i> , 2008, 283, 24561-24570. | 3.4 | 65 |
| 54 | Retinal Ganglion Cell Loss in Superoxide Dismutase 1 Deficiency. , 2011, 52, 4143. | | 63 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Blue light-induced inflammatory marker expression in the retinal pigment epithelium-choroid of mice and the protective effect of a yellow intraocular lens material in vivo. <i>Experimental Eye Research</i> , 2015, 132, 48-51. | 2.6 | 63 |
| 56 | (Pro)renin Receptor Promotes Choroidal Neovascularization by Activating Its Signal Transduction and Tissue Renin-Angiotensin System. <i>American Journal of Pathology</i> , 2008, 173, 1911-1918. | 3.8 | 62 |
| 57 | The relation of functional visual acuity measurement methodology to tear functions and ocular surface status. <i>Japanese Journal of Ophthalmology</i> , 2011, 55, 451-459. | 1.9 | 61 |
| 58 | The formation of an angiogenic astrocyte template is regulated by the neuroretina in a HIF-1-dependent manner. <i>Developmental Biology</i> , 2012, 363, 106-114. | 2.0 | 60 |
| 59 | The Association between Primary Open-Angle Glaucoma and Motor Vehicle Collisions. , 2011, 52, 4177. | | 59 |
| 60 | Violet Light Transmission is Related to Myopia Progression in Adult High Myopia. <i>Scientific Reports</i> , 2017, 7, 14523. | 3.3 | 59 |
| 61 | Functional Visual Acuity in Stevens-Johnson Syndrome. <i>American Journal of Ophthalmology</i> , 2006, 142, 917-922.e1. | 3.3 | 58 |
| 62 | Violet light suppresses lens-induced myopia via neuropsin (OPN5) in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 57 |
| 63 | The Clinical Effect of Homozygous ABCA4 Alleles in 18 Patients. <i>Ophthalmology</i> , 2013, 120, 2324-2331. | 5.2 | 56 |
| 64 | Optical Aberrations and Visual Disturbances Associated with Dry Eye. <i>Ocular Surface</i> , 2006, 4, 207-213. | 4.4 | 54 |
| 65 | Novel <i>RP1L1</i> Variants and Genotype-Photoreceptor Microstructural Phenotype Associations in Cohort of Japanese Patients With Occult Macular Dystrophy. , 2016, 57, 4837. | | 54 |
| 66 | Efficacy and safety of 0.01% atropine for prevention of childhood myopia in a 2-year randomized placebo-controlled study. <i>Japanese Journal of Ophthalmology</i> , 2021, 65, 315-325. | 1.9 | 54 |
| 67 | A glimpse at the aging eye. <i>Npj Aging and Mechanisms of Disease</i> , 2016, 2, 16003. | 4.5 | 53 |
| 68 | Iris Damage Is Associated With Elevated Cytokine Levels in Aqueous Humor. , 2017, 58, BIO42. | | 53 |
| 69 | Ras pathway inhibition prevents neovascularization by repressing endothelial cell sprouting. <i>Journal of Clinical Investigation</i> , 2013, 123, 4900-4908. | 8.2 | 53 |
| 70 | Selenium Compound Protects Corneal Epithelium against Oxidative Stress. <i>PLoS ONE</i> , 2012, 7, e45612. | 2.5 | 52 |
| 71 | Dietary Lactoferrin Alleviates Age-Related Lacrimal Gland Dysfunction in Mice. <i>PLoS ONE</i> , 2012, 7, e33148. | 2.5 | 52 |
| 72 | Suppression of Choroidal Neovascularization by Inhibiting Angiotensin-Converting Enzyme: Minimal Role of Bradykinin. , 2007, 48, 2321. | | 51 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Angiotensin II Type 1 Receptor Antagonist Attenuates Lacrimal Gland, Lung, and Liver Fibrosis in a Murine Model of Chronic Graft-Versus-Host Disease. <i>PLoS ONE</i> , 2013, 8, e64724. | 2.5 | 50 |
| 74 | Barrier Function and Cytologic Features of the Ocular Surface Epithelium After Autologous Cultivated Oral Mucosal Epithelial Transplantation. <i>JAMA Ophthalmology</i> , 2008, 126, 23. | 2.4 | 49 |
| 75 | Non-responsiveness to intravitreal aflibercept treatment in neovascular age-related macular degeneration: implications of serous pigment epithelial detachment. <i>Scientific Reports</i> , 2016, 6, 29619. | 3.3 | 48 |
| 76 | A highly efficient murine model of experimental myopia. <i>Scientific Reports</i> , 2018, 8, 2026. | 3.3 | 48 |
| 77 | Calorie restriction: A new therapeutic intervention for age-related dry eye disease in rats. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 724-728. | 2.1 | 47 |
| 78 | <i>ABCA4</i> Gene Screening by Next-Generation Sequencing in a British Cohort. , 2013, 54, 6662. | | 47 |
| 79 | Using Flow Cytometry to Compare the Dynamics of Photoreceptor Outer Segment Phagocytosis in iPS-Derived RPE Cells. , 2012, 53, 6282. | | 46 |
| 80 | Resveratrol prevents the development of choroidal neovascularization by modulating AMP-activated protein kinase in macrophages and other cell types. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1218-1225. | 4.2 | 46 |
| 81 | Dietary Supplementation with a Combination of Lactoferrin, Fish Oil, and <i>Enterococcus faecium</i> WB2000 for Treating Dry Eye: A Rat Model and Human Clinical Study. <i>Ocular Surface</i> , 2016, 14, 255-263. | 4.4 | 45 |
| 82 | Neuroprotective effect of bilberry extract in a murine model of photo-stressed retina. <i>PLoS ONE</i> , 2017, 12, e0178627. | 2.5 | 43 |
| 83 | The Neuroprotective Effect of Rapamycin as a Modulator of the mTOR-NF- κ B Axis during Retinal Inflammation. <i>PLoS ONE</i> , 2016, 11, e0146517. | 2.5 | 43 |
| 84 | Preoperative Aqueous Cytokine Levels are Associated With Endothelial Cell Loss After Descemet's Stripping Automated Endothelial Keratoplasty. , 2018, 59, 612. | | 42 |
| 85 | VITRECTOMY FOR MYOPIC FOVEOSCHISIS WITH INTERNAL LIMITING MEMBRANE PEELING AND NO GAS TAMPONADE. <i>Retina</i> , 2014, 34, 455-460. | 1.7 | 41 |
| 86 | Pharmacological HIF inhibition prevents retinal neovascularization with improved visual function in a murine oxygen-induced retinopathy model. <i>Neurochemistry International</i> , 2019, 128, 21-31. | 3.8 | 40 |
| 87 | Updates on the Current Treatments for Diabetic Retinopathy and Possibility of Future Oral Therapy. <i>Journal of Clinical Medicine</i> , 2021, 10, 4666. | 2.4 | 38 |
| 88 | Biological effects of blocking blue and other visible light on the mouse retina. <i>Clinical and Experimental Ophthalmology</i> , 2014, 42, 555-563. | 2.6 | 36 |
| 89 | Renin-Angiotensin System Hyperactivation Can Induce Inflammation and Retinal Neural Dysfunction. <i>International Journal of Inflammation</i> , 2012, 2012, 1-14. | 1.5 | 35 |
| 90 | Retinal Aging and Sirtuins. <i>Ophthalmic Research</i> , 2010, 44, 199-203. | 1.9 | 34 |

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|-----|---|-----|-----------|
| 91 | The Antiaging Approach for the Treatment of Dry Eye. <i>Cornea</i> , 2012, 31, S3-S8. | 1.7 | 34 |
| 92 | Preoperative Aqueous Cytokine Levels Are Associated With a Rapid Reduction in Endothelial Cells After Penetrating Keratoplasty. <i>American Journal of Ophthalmology</i> , 2017, 181, 166-173. | 3.3 | 34 |
| 93 | Evaluation of AAV-DJ vector for retinal gene therapy. <i>PeerJ</i> , 2019, 7, e6317. | 2.0 | 33 |
| 94 | Light-dark condition regulates sirtuin mRNA levels in the retina. <i>Experimental Gerontology</i> , 2013, 48, 1212-1217. | 2.8 | 30 |
| 95 | A Novel HIF Inhibitor Halofuginone Prevents Neurodegeneration in a Murine Model of Retinal Ischemia-Reperfusion. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3171. | 4.1 | 30 |
| 96 | Calorie restriction (CR) and CR mimetics for the prevention and treatment of age-related eye disorders. <i>Experimental Gerontology</i> , 2013, 48, 1096-1100. | 2.8 | 29 |
| 97 | Involvement of Hyaluronan and Its Receptor CD44 with Choroidal Neovascularization. , 2009, 50, 4410. | | 28 |
| 98 | Angiotensin II type 1 receptor blockade suppresses light-induced neural damage in the mouse retina. <i>Free Radical Biology and Medicine</i> , 2014, 71, 176-185. | 2.9 | 28 |
| 99 | Clinical and Genetic Characteristics of East Asian Patients with Occult Macular Dystrophy (Miyake) Tj ETQq1 1 0.784314 rgBT /Overlo | 5.2 | 28 |
| 100 | AMPK-NF- κ B Axis in the Photoreceptor Disorder during Retinal Inflammation. <i>PLoS ONE</i> , 2014, 9, e103013. | 2.5 | 27 |
| 101 | Oral crocetin administration suppressed refractive shift and axial elongation in a murine model of lens-induced myopia. <i>Scientific Reports</i> , 2019, 9, 295. | 3.3 | 27 |
| 102 | Astrocyte pVHL and HIF-1 α isoforms are required for embryonic-to-adult vascular transition in the eye. <i>Journal of Cell Biology</i> , 2011, 195, 689-701. | 5.2 | 26 |
| 103 | Detection of early visual impairment in patients with epiretinal membrane. <i>Acta Ophthalmologica</i> , 2013, 91, e353-7. | 1.1 | 26 |
| 104 | Association of Serum Lipids With Macular Thickness and Volume in Type 2 Diabetes Without Diabetic Macular Edema. , 2014, 55, 1749. | | 26 |
| 105 | Selenium-binding lactoferrin is taken into corneal epithelial cells by a receptor and prevents corneal damage in dry eye model animals. <i>Scientific Reports</i> , 2016, 6, 36903. | 3.3 | 26 |
| 106 | Pemafibrate Prevents Retinal Pathological Neovascularization by Increasing FGF21 Level in a Murine Oxygen-Induced Retinopathy Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5878. | 4.1 | 26 |
| 107 | Pemafibrate Protects Against Retinal Dysfunction in a Murine Model of Diabetic Retinopathy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6243. | 4.1 | 26 |
| 108 | Improvement of Functional Visual Acuity After Cataract Surgery in Patients With Good Pre- and Postoperative Spectacle-corrected Visual Acuity. <i>Journal of Refractive Surgery</i> , 2009, 25, 410-415. | 2.3 | 26 |

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|-----|---|-----|-----------|
| 109 | SOCS3 is required to temporally fine-tune photoreceptor cell differentiation. <i>Developmental Biology</i> , 2007, 303, 591-600. | 2.0 | 25 |
| 110 | Neuroprotective role of retinal SIRT3 against acute photo-stress. <i>Npj Aging and Mechanisms of Disease</i> , 2017, 3, 19. | 4.5 | 24 |
| 111 | Rice Bran and Vitamin B6 Suppress Pathological Neovascularization in a Murine Model of Age-Related Macular Degeneration as Novel HIF Inhibitors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8940. | 4.1 | 24 |
| 112 | Clinical and Genetic Characteristics of 18 Patients from 13 Japanese Families with CRX-associated retinal disorder: Identification of Genotype-phenotype Association. <i>Scientific Reports</i> , 2020, 10, 9531. | 3.3 | 24 |
| 113 | Wide-Angle Viewing System versus Conventional Indirect Ophthalmoscopy for Scleral Buckling. <i>Scientific Reports</i> , 2015, 5, 13256. | 3.3 | 23 |
| 114 | Performing Subretinal Injections in Rodents to Deliver Retinal Pigment Epithelium Cells in Suspension. <i>Journal of Visualized Experiments</i> , 2015, , 52247. | 0.3 | 23 |
| 115 | Distinct Responsiveness to Intravitreal Ranibizumab Therapy in Polypoidal Choroidal Vasculopathy With Single or Multiple Polyps. <i>American Journal of Ophthalmology</i> , 2016, 166, 52-59. | 3.3 | 23 |
| 116 | Progress and Control of Myopia by Light Environments. <i>Eye and Contact Lens</i> , 2018, 44, 273-278. | 1.6 | 23 |
| 117 | ADIPOR1 deficiency-induced suppression of retinal ELOVL2 and docosahexaenoic acid levels during photoreceptor degeneration and visual loss. <i>Cell Death and Disease</i> , 2021, 12, 458. | 6.3 | 23 |
| 118 | Angiopoietin-like Protein 2 Is a Multistep Regulator of Inflammatory Neovascularization in a Murine Model of Age-related Macular Degeneration. <i>Journal of Biological Chemistry</i> , 2016, 291, 7373-7385. | 3.4 | 22 |
| 119 | Predictive factors of better outcomes by monotherapy of an anti-vascular endothelial growth factor drug, ranibizumab, for diabetic macular edema in clinical practice. <i>Medicine (United States)</i> , 2017, 96, e6459. | 1.0 | 22 |
| 120 | Elevated Aqueous Cytokine Levels in Eyes With Ocular Surface Diseases. <i>American Journal of Ophthalmology</i> , 2017, 184, 42-51. | 3.3 | 22 |
| 121 | <i>Lactobacillus paracasei</i> KW3110 Prevents Blue Light-Induced Inflammation and Degeneration in the Retina. <i>Nutrients</i> , 2018, 10, 1991. | 4.1 | 22 |
| 122 | Increased Urinary 8-Hydroxy-2'-deoxyguanosine (8-OHdG)/Creatinine Level is Associated with the Progression of Normal-Tension Glaucoma. <i>Current Eye Research</i> , 2013, 38, 983-988. | 1.5 | 21 |
| 123 | Early Signs of Exudative Age-Related Macular Degeneration in Asians. <i>Optometry and Vision Science</i> , 2014, 91, 849-853. | 1.2 | 21 |
| 124 | Dietary Spirulina Supplementation Protects Visual Function From Photostress by Suppressing Retinal Neurodegeneration in Mice. <i>Translational Vision Science and Technology</i> , 2019, 8, 20. | 2.2 | 21 |
| 125 | PPAR α Agonist Oral Therapy in Diabetic Retinopathy. <i>Biomedicines</i> , 2020, 8, 433. | 3.2 | 21 |
| 126 | Clinical and genetic characteristics of 10 Japanese patients with PROM1-associated retinal disorder: A report of the phenotype spectrum and a literature review in the Japanese population. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2020, 184, 656-674. | 1.6 | 21 |

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|-----|--|-----|-----------|
| 127 | Genetic Spectrum of EYS-associated Retinal Disease in a Large Japanese Cohort: Identification of Disease-associated Variants with Relatively High Allele Frequency. <i>Scientific Reports</i> , 2020, 10, 5497. | 3.3 | 21 |
| 128 | Neuroprotective response after photodynamic therapy: Role of vascular endothelial growth factor. <i>Journal of Neuroinflammation</i> , 2011, 8, 176. | 7.2 | 20 |
| 129 | Dynamic changes in choroidal conditions during anti-vascular endothelial growth factor therapy in polypoidal choroidal vasculopathy. <i>Scientific Reports</i> , 2019, 9, 11389. | 3.3 | 20 |
| 130 | Ocular-Component-Specific miRNA Expression in a Murine Model of Lens-Induced Myopia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3629. | 4.1 | 20 |
| 131 | Pars plana vitrectomy with internal limiting membrane removal for macular hole associated with proliferative diabetic retinopathy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2005, 243, 724-726. | 1.9 | 19 |
| 132 | Suppression of Alkali Burn-Induced Corneal Neovascularization by Dendritic Cell Vaccination Targeting VEGF Receptor 2. , 2008, 49, 2172. | | 19 |
| 133 | The Era of Antiaging Ophthalmology Comes of Age: Antiaging Approach for Dry Eye Treatment. <i>Ophthalmic Research</i> , 2010, 44, 146-154. | 1.9 | 19 |
| 134 | Presence and Physiologic Function of the Renin-Angiotensin System in Mouse Lacrimal Gland. , 2012, 53, 5416. | | 19 |
| 135 | The Effect of Dietary Supplementation of Crocetin for Myopia Control in Children: A Randomized Clinical Trial. <i>Journal of Clinical Medicine</i> , 2019, 8, 1179. | 2.4 | 19 |
| 136 | Therapeutic Effect of Garcinia cambogia Extract and Hydroxycitric Acid Inhibiting Hypoxia-Inducible Factor in a Murine Model of Age-Related Macular Degeneration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5049. | 4.1 | 19 |
| 137 | Regulation of Posttranscriptional Modification as a Possible Therapeutic Approach for Retinal Neuroprotection. <i>Journal of Ophthalmology</i> , 2011, 2011, 1-8. | 1.3 | 18 |
| 138 | Phase II enzyme induction by a carotenoid, lutein, in a PC12D neuronal cell line. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 535-540. | 2.1 | 18 |
| 139 | ASSOCIATION OF MACULAR PIGMENT OPTICAL DENSITY WITH SERUM CONCENTRATION OF OXIDIZED LOW-DENSITY LIPOPROTEIN IN HEALTHY ADULTS. <i>Retina</i> , 2015, 35, 820-826. | 1.7 | 18 |
| 140 | Hydrogen-producing milk to prevent reduction in tear stability in persons using visual display terminals. <i>Ocular Surface</i> , 2019, 17, 714-721. | 4.4 | 18 |
| 141 | A Fairy Chemical Suppresses Retinal Angiogenesis as a HIF Inhibitor. <i>Biomolecules</i> , 2020, 10, 1405. | 4.0 | 18 |
| 142 | Eosinophils promote corneal wound healing via the 12/15-lipoxygenase pathway. <i>FASEB Journal</i> , 2020, 34, 12492-12501. | 0.5 | 18 |
| 143 | Lactoferrin Has a Therapeutic Effect via HIF Inhibition in a Murine Model of Choroidal Neovascularization. <i>Frontiers in Pharmacology</i> , 2020, 11, 174. | 3.5 | 18 |
| 144 | Renin-angiotensin system involvement in the oxidative stress-induced neurodegeneration of cultured retinal ganglion cells. <i>Japanese Journal of Ophthalmology</i> , 2013, 57, 126-132. | 1.9 | 17 |

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|-----|--|-----|-----------|
| 145 | Neuroprotective role of superoxide dismutase 1 in retinal ganglion cells and inner nuclear layer cells against N-methyl-d-aspartate-induced cytotoxicity. <i>Experimental Eye Research</i> , 2013, 115, 230-238. | 2.6 | 17 |
| 146 | Functional Visual Acuity in Age-Related Macular Degeneration. <i>Optometry and Vision Science</i> , 2016, 93, 70-76. | 1.2 | 17 |
| 147 | Absolute and estimated values of macular pigment optical density in young and aged Asian participants with or without age-related macular degeneration. <i>BMC Ophthalmology</i> , 2017, 17, 161. | 1.4 | 17 |
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