

# 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	HIF Inhibition Therapy in Ocular Diseases. Keio Journal of Medicine, 2022, 71, 1-12.	1.1	14
2	Degeneration of retinal ganglion cells in hypoxic responses: hypoxia-inducible factor inhibition, a new therapeutic insight. Neural Regeneration Research, 2022, 17, 2230.	3.0	2
3	Relationship of choroidal thickness and axial length with posterior vitreous detachment in patients with high myopia. Scientific Reports, 2022, 12, 4093.	3.3	4
4	Non-Perfusion Area Index for Prognostic Prediction in Diabetic Retinopathy. Life, 2022, 12, 542.	2.4	2
5	Ocular Ischemic Syndrome and Its Related Experimental Models. International Journal of Molecular Sciences, 2022, 23, 5249.	4.1	9
6	Lipidomic analysis revealed $\omega$ -3 polyunsaturated fatty acids suppressed choroidal thinning and myopia progression in mice. FASEB Journal, 2022, 36, e22312.	0.5	6
7	Risk of newly developing visual field defect and neurodegeneration after pars plana vitrectomy for idiopathic epiretinal membrane. British Journal of Ophthalmology, 2021, 105, 1683-1687.	3.9	5
8	Clinical outcomes of KeraVio using violet light: emitting glasses and riboflavin drops for corneal ectasia: a pilot study. British Journal of Ophthalmology, 2021, 105, 1376-1382.	3.9	6
9	Spatial Functional Characteristics of East Asian Patients With Occult Macular Dystrophy (Miyake) Tj ETQq1 1 0.784314 rgBT /Overlo	3.3	10
10	Closure of macular hole secondary to ischemic hemi-central retinal vein occlusion by retinal photocoagulation and topical anti-inflammatory treatment. Lasers in Medical Science, 2021, 36, 469-471.	2.1	1
11	Intake of Vegetables and Fruits and the Risk of Cataract Incidence in a Japanese Population: The Japan Public Health Center-Based Prospective Study. Journal of Epidemiology, 2021, 31, 21-29.	2.4	6
12	Efficacy and safety of 0.01% atropine for prevention of childhood myopia in a 2-year randomized placebo-controlled study. Japanese Journal of Ophthalmology, 2021, 65, 315-325.	1.9	54
13	Fenofibrate Protects against Retinal Dysfunction in a Murine Model of Common Carotid Artery Occlusion-Induced Ocular Ischemia. Pharmaceuticals, 2021, 14, 223.	3.8	9
14	Randomized, crossover clinical efficacy trial in humans and mice on tear secretion promotion and lacrimal gland protection by molecular hydrogen. Scientific Reports, 2021, 11, 6434.	3.3	2
15	Two case reports of continued progression of chronic ocular graft-versus-host disease without concurrent systemic comorbidities treated by amniotic membrane transplantation. BMC Ophthalmology, 2021, 21, 164.	1.4	7
16	Violet light suppresses lens-induced myopia via neuropsin (OPN5) in mice. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	57
17	Assessment of Hypofluorescent Foci on Late-Phase Indocyanine Green Angiography in Central Serous Chorioretinopathy. Journal of Clinical Medicine, 2021, 10, 2178.	2.4	3
18	ADIPOR1 deficiency-induced suppression of retinal ELOVL2 and docosahexaenoic acid levels during photoreceptor degeneration and visual loss. Cell Death and Disease, 2021, 12, 458.	6.3	23

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19	Combination of violet light irradiation and collagenase treatments in a rabbit model. <i>International Ophthalmology</i> , 2021, 41, 3471-3478.	1.4	0
20	Photobiological Neuromodulation of Resting-State EEG and Steady-State Visual-Evoked Potentials by 40 Hz Violet Light Optical Stimulation in Healthy Individuals. <i>Journal of Personalized Medicine</i> , 2021, 11, 557.	2.5	6
21	Retinal dysfunction induced in a mouse model of unilateral common carotid artery occlusion. <i>PeerJ</i> , 2021, 9, e11665.	2.0	11
22	Iris metastasis as the initial presentation of metastatic esophageal cancer diagnosed by fine needle aspiration biopsy. <i>Medicine (United States)</i> , 2021, 100, e26232.	1.0	6
23	Inhibition of the HIF-1 $\alpha$ /BNIP3 pathway has a retinal neuroprotective effect. <i>FASEB Journal</i> , 2021, 35, e21829.	0.5	13
24	Neuroprotective Effect of 4-Phenylbutyric Acid against Photo-Stress in the Retina. <i>Antioxidants</i> , 2021, 10, 1147.	5.1	8
25	Association between ocular axial length and anthropometrics of Asian adults. <i>BMC Research Notes</i> , 2021, 14, 328.	1.4	6
26	Shorter Axial Length Is a Risk Factor for Proliferative Vitreoretinopathy Grade C in Eyes Unmodified by Surgical Invasion. <i>Journal of Clinical Medicine</i> , 2021, 10, 3944.	2.4	1
27	Pemafibrate Prevents Retinal Dysfunction in a Mouse Model of Unilateral Common Carotid Artery Occlusion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9408.	4.1	15
28	Glucose levels between the anterior chamber of the eye and blood are correlated based on blood glucose dynamics. <i>PLoS ONE</i> , 2021, 16, e0256986.	2.5	3
29	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
30	Long-term follow-up of a Chinese patient with KCNV2-retinopathy. <i>Ophthalmic Genetics</i> , 2021, 42, 144-149.	1.2	0
31	Axial Length and Prevalence of Myopia among Schoolchildren in the Equatorial Region of Brazil. <i>Journal of Clinical Medicine</i> , 2021, 10, 115.	2.4	9
32	PPAR $\gamma$ Modulation-Based Therapy in Central Nervous System Diseases. <i>Life</i> , 2021, 11, 1168.	2.4	8
33	Effect of Violet Light-Transmitting Eyeglasses on Axial Elongation in Myopic Children: A Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2021, 10, 5462.	2.4	15
34	Retinal Diseases Regulated by Hypoxia—Basic and Clinical Perspectives: A Comprehensive Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 5496.	2.4	11
35	Retinal Degeneration in a Murine Model of Retinal Ischemia by Unilateral Common Carotid Artery Occlusion. <i>BioMed Research International</i> , 2021, 2021, 1-17.	1.9	7
36	Predicting recurrences of macular edema due to branch retinal vein occlusion during anti-vascular endothelial growth factor therapy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 49-56.	1.9	17

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37	A Fairy Chemical Suppresses Retinal Angiogenesis as a HIF Inhibitor. <i>Biomolecules</i> , 2020, 10, 1405.	4.0	18
38	Association between axial length and choroidal thickness in early age-related macular degeneration. <i>PLoS ONE</i> , 2020, 15, e0240357.	2.5	8
39	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
40	Subjective Happiness and Sleep in University Students with High Myopia. <i>Psych</i> , 2020, 2, 279-286.	1.6	0
41	Efficacy of the Newly Invented Eyelid Clamper in Ultra-Widefield Fundus Imaging. <i>Life</i> , 2020, 10, 323.	2.4	3
42	Eosinophils promote corneal wound healing via the 12/15-lipoxygenase pathway. <i>FASEB Journal</i> , 2020, 34, 12492-12501.	0.5	18
43	Hyperreflective Material in Optical Coherence Tomography Images of Eyes with Myopic Choroidal Neovascularization May Affect the Visual Outcome. <i>Journal of Clinical Medicine</i> , 2020, 9, 2394.	2.4	1
44	PPAR $\delta$ Agonist Oral Therapy in Diabetic Retinopathy. <i>Biomedicines</i> , 2020, 8, 433.	3.2	21
45	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
46	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
47	RP2-associated retinal disorder in a Japanese cohort: Report of novel variants and a literature review, identifying a genotype-phenotype association. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2020, 184, 675-693.	1.6	5
48	Clinical and genetic characteristics of Stargardt disease in a large Western China cohort: Report 1. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2020, 184, 694-707.	1.6	7
49	Renin-angiotensin system impairs macrophage lipid metabolism to promote age-related macular degeneration in mouse models. <i>Communications Biology</i> , 2020, 3, 767.	4.4	14
50	Oral Bovine Milk Lactoferrin Administration Suppressed Myopia Development through Matrix Metalloproteinase 2 in a Mouse Model. <i>Nutrients</i> , 2020, 12, 3744.	4.1	10
51	The Area and Number of Intraretinal Cystoid Spaces Predict the Visual Outcome after Ranibizumab Monotherapy in Diabetic Macular Edema. <i>Journal of Clinical Medicine</i> , 2020, 9, 1391.	2.4	13
52	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
53	Ocular and Systemic Effects of Antioxidative Supplement Use in Young and Healthy Adults: Real-World Cross-Sectional Data. <i>Antioxidants</i> , 2020, 9, 487.	5.1	0
54	Macular Pigment Optical Density and Photoreceptor Outer Segment Length as Predisease Biomarkers for Age-Related Macular Degeneration. <i>Journal of Clinical Medicine</i> , 2020, 9, 1347.	2.4	13

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55	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
56	Low-carbohydrate-diet scores and the risk of primary open-angle glaucoma: data from three US cohorts. <i>Eye</i> , 2020, 34, 1465-1475.	2.1	8
57	Ratio of Axial Length to Corneal Radius in Japanese Patients and Accuracy of Intraocular Lens Power Calculation Based on Biometric Data. <i>American Journal of Ophthalmology</i> , 2020, 218, 320-329.	3.3	12
58	Clinical and Genetic Characteristics of 15 Affected Patients From 12 Japanese Families with <i>GUCY2D</i> -Associated Retinal Disorder. <i>Translational Vision Science and Technology</i> , 2020, 9, 2.	2.2	15
59	Neuroprotective and vision-protective effect of preserving ATP levels by AMPK activator. <i>FASEB Journal</i> , 2020, 34, 5016-5026.	0.5	14
60	A review on the epidemiology of myopia in school children worldwide. <i>BMC Ophthalmology</i> , 2020, 20, 27.	1.4	211
61	Estimation of the Minimum Effective Dose of Dietary Supplement Crocetin for Prevention of Myopia Progression in Mice. <i>Nutrients</i> , 2020, 12, 180.	4.1	1
62	Relationship between nerve fiber layer defect and the presence of epiretinal membrane in a Japanese population: The JPHC-NEXT Eye Study. <i>Scientific Reports</i> , 2020, 10, 779.	3.3	3
63	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
64	Correlation between Macular Pigment Optical Density and Neural Thickness and Volume of the Retina. <i>Nutrients</i> , 2020, 12, 888.	4.1	10
65	Hypoxia-Inducible Factor Inhibitors Derived from Marine Products Suppress a Murine Model of Neovascular Retinopathy. <i>Nutrients</i> , 2020, 12, 1055.	4.1	14
66	Retinal microglia are critical for subretinal neovascular formation. <i>JCI Insight</i> , 2020, 5, .	5.0	15
67	A Murine Model of Ischemic Retinal Injury Induced by Transient Bilateral Common Carotid Artery Occlusion. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	9
68	New Developments in Dry Eye Research. , 2020, , 225-239.		1
69	Automatic screening for diabetic retinopathy in interracial fundus images using artificial intelligence. <i>Intelligence-based Medicine</i> , 2020, 3-4, 100024.	2.4	6
70	Axial length shortening in a myopic child with anisometropic amblyopia after wearing violet light-transmitting eyeglasses for 2 years. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 20, 101002.	0.7	6
71	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
72	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

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73	The role of sphingosine 1-phosphate receptors on retinal pigment epithelial cells barrier function and angiogenic effects. <i>Prostaglandins and Other Lipid Mediators</i> , 2019, 145, 106365.	1.9	14
74	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
75	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
76	Clinical and Genetic Characteristics of East Asian Patients with Occult Macular Dystrophy (Miyake) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	5.2	28
77	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
78	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
79	Therapeutic Effect of <i>Garcinia cambogia</i> 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
80	Ultra-Widefield Retinal Imaging for Analyzing the Association Between Types of Pathological Myopia and Posterior Staphyloma. <i>Journal of Clinical Medicine</i> , 2019, 8, 1505.	2.4	6
81	QD laser eyewear as a visual field aid in a visual field defect model. <i>Scientific Reports</i> , 2019, 9, 1010.	3.3	7
82	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
83	Aquaporin 4 Suppresses Neural Hyperactivity and Synaptic Fatigue and Fine-Tunes Neurotransmission to Regulate Visual Function in the Mouse Retina. <i>Molecular Neurobiology</i> , 2019, 56, 8124-8135.	4.0	14
84	The long dystrophin gene product Dp427 modulates retinal function and vascular morphology in response to age and retinal ischemia. <i>Neurochemistry International</i> , 2019, 129, 104489.	3.8	13
85	Clinical Factors for Rapid Endothelial Cell Loss After Corneal Transplantation: Novel Findings From the Aqueous Humor. <i>Current Ophthalmology Reports</i> , 2019, 7, 89-97.	1.2	3
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	Inducement and Evaluation of a Murine Model of Experimental Myopia. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	6
88	High Myopia and Its Associated Factors in JPHC-NEXT Eye Study: A Cross-Sectional Observational Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 1788.	2.4	9
89	Dynamic changes in neural retinal images during the development of a lamellar macular hole. <i>Medicine (United States)</i> , 2019, 98, e18297.	1.0	1
90	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

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91	Effect of axial length and age on the visual outcome of patients with idiopathic epiretinal membrane after pars plana vitrectomy. <i>Scientific Reports</i> , 2019, 9, 19056.	3.3	7
92	Spatial-sweep steady-state pattern electroretinography can detect subtle differences in visual function among healthy adults. <i>Scientific Reports</i> , 2019, 9, 18119.	3.3	4
93	Effects of Hyperoxia on the Refraction in Murine Neonatal and Adult Models. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6014.	4.1	1
94	Retinal inflammation diagnosed as an idiopathic macular hole with multiple recurrences and spontaneous closures. <i>Medicine (United States)</i> , 2019, 98, e14230.	1.0	9
95	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
96	Cytokine Levels in the Aqueous Humor Are Associated With Corneal Thickness in Eyes With Bullous Keratopathy. <i>American Journal of Ophthalmology</i> , 2019, 198, 174-180.	3.3	14
97	Evaluation of AAV-DJ vector for retinal gene therapy. <i>PeerJ</i> , 2019, 7, e6317.	2.0	33
98	HIF inhibitor topotecan has a neuroprotective effect in a murine retinal ischemia-reperfusion model. <i>PeerJ</i> , 2019, 7, e7849.	2.0	17
99	A highly efficient murine model of experimental myopia. <i>Scientific Reports</i> , 2018, 8, 2026.	3.3	48
100	Benefits of aflibercept treatment for age-related macular degeneration patients with good best-corrected visual acuity at baseline. <i>Scientific Reports</i> , 2018, 8, 58.	3.3	8
101	Progress and Control of Myopia by Light Environments. <i>Eye and Contact Lens</i> , 2018, 44, 273-278.	1.6	23
102	<i>Lactobacillus paracasei</i> KW3110 Prevents Blue Light-Induced Inflammation and Degeneration in the Retina. <i>Nutrients</i> , 2018, 10, 1991.	4.1	22
103	Preoperative Aqueous Cytokine Levels are Associated With Endothelial Cell Loss After Descemet's Stripping Automated Endothelial Keratoplasty. , 2018, 59, 612.		42
104	Association between glaucoma severity and driving cessation in subjects with primary open-angle glaucoma. <i>BMC Ophthalmology</i> , 2018, 18, 122.	1.4	4
105	Inhibiting Myopia by (Nearly) Invisible Light? - Author's Reply. <i>EBioMedicine</i> , 2017, 16, 29.	6.1	0
106	New Research Routes to Fight Myopia – Author's Reply. <i>EBioMedicine</i> , 2017, 16, 26.	6.1	0
107	Predictive factors of better outcomes by monotherapy of an antivascular endothelial growth factor drug, ranibizumab, for diabetic macular edema in clinical practice. <i>Medicine (United States)</i> , 2017, 96, e6459.	1.0	22
108	Violet Light Exposure Can Be a Preventive Strategy Against Myopia Progression. <i>EBioMedicine</i> , 2017, 15, 210-219.	6.1	125

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109	Elevated Aqueous Cytokine Levels in Eyes With Ocular Surface Diseases. American Journal of Ophthalmology, 2017, 184, 42-51.	3.3	22
110	Preoperative Aqueous Cytokine Levels Are Associated With a Rapid Reduction in Endothelial Cells After Penetrating Keratoplasty. American Journal of Ophthalmology, 2017, 181, 166-173.	3.3	34
111	Neuroprotective role of retinal SIRT3 against acute photo-stress. Npj Aging and Mechanisms of Disease, 2017, 3, 19.	4.5	24
112	Violet Light Transmission is Related to Myopia Progression in Adult High Myopia. Scientific Reports, 2017, 7, 14523.	3.3	59
113	Iris Damage Is Associated With Elevated Cytokine Levels in Aqueous Humor. , 2017, 58, BIO42.		53
114	Neuroprotective effect of bilberry extract in a murine model of photo-stressed retina. PLoS ONE, 2017, 12, e0178627.	2.5	43
115	Absolute and estimated values of macular pigment optical density in young and aged Asian participants with or without age-related macular degeneration. BMC Ophthalmology, 2017, 17, 161.	1.4	17
116	Roles of Hypoxia Response in Retinal Development and Pathophysiology. Keio Journal of Medicine, 2017, 67, 1-9.	1.1	15
117	Functional Lacrimal Gland Regeneration. , 2017, , 135-151.		0
118	iPSC-Derived Retinal Pigment Epithelium Allografts Do Not Elicit Detrimental Effects in Rats: A Follow-Up Study. Stem Cells International, 2016, 2016, 1-8.	2.5	16
119	Neuroprotective effect of activated 5 $\alpha$ -adenosine monophosphate-activated protein kinase on cone system function during retinal inflammation. BMC Neuroscience, 2016, 17, 32.	1.9	10
120	Novel <i>RP1L1</i> Variants and Genotype-Dependent Photoreceptor Microstructural Phenotype Associations in Cohort of Japanese Patients With Occult Macular Dystrophy. , 2016, 57, 4837.		54
121	Lutein acts via multiple antioxidant pathways in the photo-stressed retina. Scientific Reports, 2016, 6, 30226.	3.3	85
122	Reply. American Journal of Ophthalmology, 2016, 169, 295-296.	3.3	0
123	Development and pathological changes of neurovascular unit regulated by hypoxia response in the retina. Progress in Brain Research, 2016, 225, 201-211.	1.4	11
124	Non-responsiveness to intravitreal aflibercept treatment in neovascular age-related macular degeneration: implications of serous pigment epithelial detachment. Scientific Reports, 2016, 6, 29619.	3.3	48
125	Selenium-binding lactoferrin is taken into corneal epithelial cells by a receptor and prevents corneal damage in dry eye model animals. Scientific Reports, 2016, 6, 36903.	3.3	26
126	Decreased sleep quality in high myopia children. Scientific Reports, 2016, 6, 33902.	3.3	71



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127	A glimpse at the aging eye. <i>Npj Aging and Mechanisms of Disease</i> , 2016, 2, 16003.	4.5	53
128	Functional Visual Acuity in Age-Related Macular Degeneration. <i>Optometry and Vision Science</i> , 2016, 93, 70-76.	1.2	17
129	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
130	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
131	Angiotensin-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
132	Global metabolomics reveals metabolic dysregulation in ischemic retinopathy. <i>Metabolomics</i> , 2016, 12, 15.	3.0	80
133	The Neuroprotective Effect of Rapamycin as a Modulator of the mTOR-NF- $\kappa$ B Axis during Retinal Inflammation. <i>PLoS ONE</i> , 2016, 11, e0146517.	2.5	43
134	Hypoxia-induced metabolic stress in retinal pigment epithelial cells is sufficient to induce photoreceptor degeneration. <i>ELife</i> , 2016, 5, .	6.0	159
135	Wide-Angle Viewing System versus Conventional Indirect Ophthalmoscopy for Scleral Buckling. <i>Scientific Reports</i> , 2015, 5, 13256.	3.3	23
136	Performing Subretinal Injections in Rodents to Deliver Retinal Pigment Epithelium Cells in Suspension. <i>Journal of Visualized Experiments</i> , 2015, , 52247.	0.3	23
137	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
138	Effects of Oxidative Stress on the Conjunctiva in Cu, Zn-Superoxide Dismutase-1 ( <i>Sod1</i> ) <sup>-/-</sup> Knockout Mice. , 2015, 56, 8382.		15
139	Blue light-induced inflammatory marker expression in the retinal pigment epithelium-choroid of mice and the protective effect of a yellow intraocular lens material <i>in vivo</i> . <i>Experimental Eye Research</i> , 2015, 132, 48-51.	2.6	63
140	Clinical and Molecular Characteristics of Childhood-Onset Stargardt Disease. <i>Ophthalmology</i> , 2015, 122, 326-334.	5.2	146
141	The Effect of Nrf2 Knockout on Ocular Surface Protection from Acute Tobacco Smoke Exposure. <i>American Journal of Pathology</i> , 2015, 185, 776-785.	3.8	15
142	Neurovascular crosstalk between interneurons and capillaries is required for vision. <i>Journal of Clinical Investigation</i> , 2015, 125, 2335-2346.	8.2	133
143	AMPK-NF- $\kappa$ B Axis in the Photoreceptor Disorder during Retinal Inflammation. <i>PLoS ONE</i> , 2014, 9, e103013.	2.5	27
144	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

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145	Association of Serum Lipids With Macular Thickness and Volume in Type 2 Diabetes Without Diabetic Macular Edema. , 2014, 55, 1749.		26
146	Intraoperative and fluorescein angiographic findings of a secondary macular hole associated with age-related macular degeneration treated by pars plana vitrectomy. BMC Ophthalmology, 2014, 14, 114.	1.4	14
147	Predictive factors for non-response to intravitreal ranibizumab treatment in age-related macular degeneration. British Journal of Ophthalmology, 2014, 98, 1186-1191.	3.9	77
148	Local acting S tickyâ€trap inhibits vascular endothelial growth factor dependent pathological angiogenesis in the eye. EMBO Molecular Medicine, 2014, 6, 604-623.	6.9	16
149	Biological effects of blocking blue and other visible light on the mouse retina. Clinical and Experimental Ophthalmology, 2014, 42, 555-563.	2.6	36
150	VITRECTOMY FOR MYOPIC FOVEOSCHISIS WITH INTERNAL LIMITING MEMBRANE PEELING AND NO GAS TAMPONADE. Retina, 2014, 34, 455-460.	1.7	41
151	Early Signs of Exudative Age-Related Macular Degeneration in Asians. Optometry and Vision Science, 2014, 91, 849-853.	1.2	21
152	Myopic Regression after Phakic Intraocular Lens Implantation and LASIK. Optometry and Vision Science, 2014, 91, 231-239.	1.2	1
153	Resveratrol prevents the development of choroidal neovascularization by modulating AMP-activated protein kinase in macrophages and other cell types. Journal of Nutritional Biochemistry, 2014, 25, 1218-1225.	4.2	46
154	Phase II enzyme induction by a carotenoid, lutein, in a PC12D neuronal cell line. Biochemical and Biophysical Research Communications, 2014, 446, 535-540.	2.1	18
155	Neurons Limit Angiogenesis by Titrating VEGF in Retina. Cell, 2014, 159, 584-596.	28.9	232
156	The use of induced pluripotent stem cells to reveal pathogenic gene mutations and explore treatments for retinitis pigmentosa. Molecular Brain, 2014, 7, 45.	2.6	95
157	Angiotensin II type 1 receptor blockade suppresses light-induced neural damage in the mouse retina. Free Radical Biology and Medicine, 2014, 71, 176-185.	2.9	28
158	Utilizing Stem Cell-Derived RPE Cells as A Therapeutic Intervention for Age-Related Macular Degeneration. Advances in Experimental Medicine and Biology, 2014, 801, 323-329.	1.6	14
159	The Clinical Effect of Homozygous ABCA4 Alleles in 18 Patients. Ophthalmology, 2013, 120, 2324-2331.	5.2	56
160	Clinical and Molecular Analysis of Stargardt Disease With Preserved Foveal Structure and Function. American Journal of Ophthalmology, 2013, 156, 487-501.e1.	3.3	100
161	Reninâ€™angiotensin system involvement in the oxidative stress-induced neurodegeneration of cultured retinal ganglion cells. Japanese Journal of Ophthalmology, 2013, 57, 126-132.	1.9	17
162	Calorie restriction (CR) and CR mimetics for the prevention and treatment of age-related eye disorders. Experimental Gerontology, 2013, 48, 1096-1100.	2.8	29

#	ARTICLE	IF	CITATIONS
163	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
164	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
165	Light-dark condition regulates sirtuin mRNA levels in the retina. <i>Experimental Gerontology</i> , 2013, 48, 1212-1217.	2.8	30
166	VEGF antagonism and age-related macular degeneration: too much of a good thing?. <i>Expert Review of Ophthalmology</i> , 2013, 8, 103-105.	0.6	3
167	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
168	<i>ABCA4</i> Gene Screening by Next-Generation Sequencing in a British Cohort. , 2013, 54, 6662.		47
169	Disruption of Cell-Cell Junctions and Induction of Pathological Cytokines in the Retinal Pigment Epithelium of Light-Exposed Mice. , 2013, 54, 4555.		67
170	Detection of early visual impairment in patients with epiretinal membrane. <i>Acta Ophthalmologica</i> , 2013, 91, e353-7.	1.1	26
171	A Longitudinal Study of Stargardt Disease: Quantitative Assessment of Fundus Autofluorescence, Progression, and Genotype Correlations. , 2013, 54, 8181.		119
172	Ras pathway inhibition prevents neovascularization by repressing endothelial cell sprouting. <i>Journal of Clinical Investigation</i> , 2013, 123, 4900-4908.	8.2	53
173	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
174	Changes in Higher-Order Aberrations After Iris-Fixated Phakic Intraocular Lens Implantation. <i>Journal of Refractive Surgery</i> , 2013, 29, 693-700.	2.3	5
175	Molecular characteristics of four Japanese cases with KCNV2 retinopathy: report of novel disease-causing variants. <i>Molecular Vision</i> , 2013, 19, 1580-90.	1.1	14
176	Renin-Angiotensin System Hyperactivation Can Induce Inflammation and Retinal Neural Dysfunction. <i>International Journal of Inflammation</i> , 2012, 2012, 1-14.	1.5	35
177	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
178	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
179	Mitochondrial Superoxide Anion Overproduction in <i>Tet</i> - <i>mev-1</i> Transgenic Mice Accelerates Age-Dependent Corneal Cell Dysfunctions. , 2012, 53, 5780.		13
180	Use of Micronutrient Supplement for Preventing Advanced Age-Related Macular Degeneration in Japan. <i>JAMA Ophthalmology</i> , 2012, 130, 254.	2.4	10

#	ARTICLE	IF	CITATIONS
181	Neuroprotective Effects of Lutein in the Retina. <i>Current Pharmaceutical Design</i> , 2012, 18, 51-56.	1.9	141
182	The Antiaging Approach for the Treatment of Dry Eye. <i>Cornea</i> , 2012, 31, S3-S8.	1.7	34
183	Presence and Physiologic Function of the Renin-Angiotensin System in Mouse Lacrimal Gland. , 2012, 53, 5416.		19
184	Selenium Compound Protects Corneal Epithelium against Oxidative Stress. <i>PLoS ONE</i> , 2012, 7, e45612.	2.5	52
185	Dietary Lactoferrin Alleviates Age-Related Lacrimal Gland Dysfunction in Mice. <i>PLoS ONE</i> , 2012, 7, e33148.	2.5	52
186	Using Flow Cytometry to Compare the Dynamics of Photoreceptor Outer Segment Phagocytosis in iPS-Derived RPE Cells. , 2012, 53, 6282.		46
187	Age-Related Dysfunction of the Lacrimal Gland and Oxidative Stress. <i>American Journal of Pathology</i> , 2012, 180, 1879-1896.	3.8	108
188	Biological role of lutein in the light-induced retinal degeneration. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 423-429.	4.2	87
189	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
190	Targeted deletion of Vegfa in adult mice induces vision loss. <i>Journal of Clinical Investigation</i> , 2012, 122, 4213-4217.	8.2	284
191	Photo-damage mechanisms and anti-apoptotic effect of lutein in the mouse retina. <i>Inflammation and Regeneration</i> , 2012, 32, 208-212.	3.7	1
192	Blockade of vascular adhesion protein-1 attenuates choroidal neovascularization. <i>Molecular Vision</i> , 2012, 18, 593-600.	1.1	9
193	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
194	The Association between Primary Open-Angle Glaucoma and Motor Vehicle Collisions. , 2011, 52, 4177.		59
195	Regulation of Posttranscriptional Modification as a Possible Therapeutic Approach for Retinal Neuroprotection. <i>Journal of Ophthalmology</i> , 2011, 2011, 1-8.	1.3	18
196	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
197	Neuroprotective response after photodynamic therapy: Role of vascular endothelial growth factor. <i>Journal of Neuroinflammation</i> , 2011, 8, 176.	7.2	20
198	Retinal Ganglion Cell Loss in Superoxide Dismutase 1 Deficiency. , 2011, 52, 4143.		63

#	ARTICLE	IF	CITATIONS
199	Hydrogen and N-Acetyl-Cysteine Rescue Oxidative Stress-Induced Angiogenesis in a Mouse Corneal Alkali-Burn Model. , 2011, 52, 427.		117
200	Astrocyte pVHL and HIF-1 $\alpha$ isoforms are required for embryonic-to-adult vascular transition in the eye. Journal of Cell Biology, 2011, 195, 689-701.	5.2	26
201	Neural Degeneration in the Retina of the Streptozotocin-Induced Type 1 Diabetes Model. Experimental Diabetes Research, 2011, 2011, 1-7.	3.8	74
202	Roles of AMP-Activated Protein Kinase in Diabetes-Induced Retinal Inflammation. , 2011, 52, 9142.		107
203	Neurodegenerative influence of oxidative stress in the retina of a murine model of diabetes. Diabetologia, 2010, 53, 971-979.	6.3	245
204	Secondary macular hole formation with presumed evulsion of foveal hard exudates in a patient with diabetic retinopathy. Japanese Journal of Ophthalmology, 2010, 54, 366-368.	1.9	3
205	Astrocyte hypoxic response is essential for pathological but not developmental angiogenesis of the retina. Glia, 2010, 58, 1177-1185.	4.9	142
206	Pattern-reversal visual-evoked potential in patients with occult macular dystrophy. Clinical Ophthalmology, 2010, 4, 1515.	1.8	6
207	von Hippel-Lindau protein regulates transition from the fetal to the adult circulatory system in retina. Development (Cambridge), 2010, 137, 1563-1571.	2.5	70
208	Retinal Aging and Sirtuins. Ophthalmic Research, 2010, 44, 199-203.	1.9	34
209	The Era of Antiaging Ophthalmology Comes of Age: Antiaging Approach for Dry Eye Treatment. Ophthalmic Research, 2010, 44, 146-154.	1.9	19
210	Calorie restriction: A new therapeutic intervention for age-related dry eye disease in rats. Biochemical and Biophysical Research Communications, 2010, 397, 724-728.	2.1	47
211	Resveratrol Prevents Light-Induced Retinal Degeneration via Suppressing Activator Protein-1 Activation. American Journal of Pathology, 2010, 177, 1725-1731.	3.8	91
212	Eicosapentaenoic acid suppresses ocular inflammation in endotoxin-induced uveitis. Molecular Vision, 2010, 16, 1382-8.	1.1	14
213	Involvement of Hyaluronan and Its Receptor CD44 with Choroidal Neovascularization. , 2009, 50, 4410.		28
214	Prevention of Ocular Inflammation in Endotoxin-Induced Uveitis with Resveratrol by Inhibiting Oxidative Damage and Nuclear Factor- $\kappa$ B Activation. , 2009, 50, 3512.		152
215	(Pro)renin Receptor-Mediated Signal Transduction and Tissue Renin-Angiotensin System Contribute to Diabetes-Induced Retinal Inflammation. Diabetes, 2009, 58, 1625-1633.	0.6	136
216	Neuroprotective Effect of an Antioxidant, Lutein, during Retinal Inflammation. , 2009, 50, 1433.		136

#	ARTICLE	IF	CITATIONS
217	End-stage glaucoma in Stevens-Johnson syndrome. Japanese Journal of Ophthalmology, 2009, 53, 68-70.	1.9	3
218	Bilateral acute functional disturbance in the retina following placental abruption. Japanese Journal of Ophthalmology, 2009, 53, 663-665.	1.9	1
219	NEW RETRACTOR CAPABLE OF ASPIRATING FLUIDS DURING SCLERAL BUCKLING SURGERY. Retina, 2009, 29, 1542-1544.	1.7	1
220	Improvement of Functional Visual Acuity After Cataract Surgery in Patients With Good Pre- and Postoperative Spectacle-corrected Visual Acuity. Journal of Refractive Surgery, 2009, 25, 410-415.	2.3	26
221	Prevalence of Dry Eye Disease among Japanese Visual Display Terminal Users. Ophthalmology, 2008, 115, 1982-1988.	5.2	300
222	Retinal Dysfunction and Progressive Retinal Cell Death in SOD1-Deficient Mice. American Journal of Pathology, 2008, 172, 1325-1331.	3.8	105
223	(Pro)renin Receptor Promotes Choroidal Neovascularization by Activating Its Signal Transduction and Tissue Renin-Angiotensin System. American Journal of Pathology, 2008, 173, 1911-1918.	3.8	62
224	Barrier Function and Cytologic Features of the Ocular Surface Epithelium After Autologous Cultivated Oral Mucosal Epithelial Transplantation. JAMA Ophthalmology, 2008, 126, 23.	2.4	49
225	Roles of STAT3/SOCS3 Pathway in Regulating the Visual Function and Ubiquitin-Proteasome-dependent Degradation of Rhodopsin during Retinal Inflammation. Journal of Biological Chemistry, 2008, 283, 24561-24570.	3.4	65
226	Angiotensin II Type 1 Receptor Signaling Contributes to Synaptophysin Degradation and Neuronal Dysfunction in the Diabetic Retina. Diabetes, 2008, 57, 2191-2198.	0.6	125
227	Suppression of Alkali Burn-Induced Corneal Neovascularization by Dendritic Cell Vaccination Targeting VEGF Receptor 2. , 2008, 49, 2172.		19
228	Age-related macular degeneration (AMD); From pathogenesis and approved therapies to proposed treatments for prevention. Anti-aging Medicine, 2008, 5, 87-92.	0.7	3
229	Inhibition of Choroidal Neovascularization with an Anti-Inflammatory Carotenoid Astaxanthin. , 2008, 49, 1679.		82
230	Eicosapentaenoic Acid Is Anti-Inflammatory in Preventing Choroidal Neovascularization in Mice. , 2007, 48, 4328.		69
231	Role of Nonproteolytically Activated Prorenin in Pathologic, but Not Physiologic, Retinal Neovascularization. , 2007, 48, 422.		74
232	Macular Pigment Lutein Is Antiinflammatory in Preventing Choroidal Neovascularization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2555-2562.	2.4	140
233	Suppression of Diabetes-Induced Retinal Inflammation by Blocking the Angiotensin II Type 1 Receptor or Its Downstream Nuclear Factor- $\kappa$ B Pathway. , 2007, 48, 4342.		177
234	SOCS3 is required to temporally fine-tune photoreceptor cell differentiation. Developmental Biology, 2007, 303, 591-600.	2.0	25

#	ARTICLE	IF	CITATIONS
235	New Grading System for the Evaluation of Chronic Ocular Manifestations in Patients with Stevens-Johnson Syndrome. <i>Ophthalmology</i> , 2007, 114, 1294-1302.	5.2	241
236	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
237	Suppression of Choroidal Neovascularization by Dendritic Cell Vaccination Targeting VEGFR2. , 2007, 48, 4795.		14
238	Suppression of Choroidal Neovascularization by Inhibiting Angiotensin-Converting Enzyme: Minimal Role of Bradykinin. , 2007, 48, 2321.		51
239	Optical Aberrations and Visual Disturbances Associated with Dry Eye. <i>Ocular Surface</i> , 2006, 4, 207-213.	4.4	54
240	Functional Visual Acuity in Stevens-Johnson Syndrome. <i>American Journal of Ophthalmology</i> , 2006, 142, 917-922.e1.	3.3	58
241	Neuroprotective Effects of Angiotensin II Type 1 Receptor (AT1R) Blocker, Telmisartan, via Modulating AT1R and AT2R Signaling in Retinal Inflammation. , 2006, 47, 5545.		112
242	Suppression of Ocular Inflammation in Endotoxin-Induced Uveitis by Inhibiting Nonproteolytic Activation of Prorenin. , 2006, 47, 2686.		94
243	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
244	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
245	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
246	Selective Suppression of Pathologic, but Not Physiologic, Retinal Neovascularization by Blocking the Angiotensin II Type 1 Receptor. , 2005, 46, 1078.		70
247	Suppression of Ocular Inflammation in Endotoxin-Induced Uveitis by Blocking the Angiotensin II Type 1 Receptor. , 2005, 46, 2925.		77
248	Impaired functional visual acuity of dry eye patients. <i>American Journal of Ophthalmology</i> , 2002, 133, 181-186.	3.3	368
249	Dry Eyes and Video Display Terminals. <i>New England Journal of Medicine</i> , 1993, 328, 584-584.	27.0	313