Yoko Ozawa

List of Publications by Year in descending order

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Version: 2024-02-01

100 papers	3,963 citations	218592 26 h-index	182361 51 g-index
100 all docs	100 docs citations	100 times ranked	4567 citing authors

#	Article	IF	Citations
1	Arm-to-retina time predicts visual outcome of anti-vascular endothelial growth factor treatment for macular edema due to central retinal vein occlusion. Scientific Reports, 2022, 12, 2194.	1.6	2
2	Non-Perfusion Area Index for Prognostic Prediction in Diabetic Retinopathy. Life, 2022, 12, 542.	1.1	2
3	Effects of Epigenetic Modification of PGC-1Î± by a Chemical Chaperon on Mitochondria Biogenesis and Visual Function in Retinitis Pigmentosa. Cells, 2022, 11, 1497.	1.8	7
4	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.	2.1	5
5	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.	1.0	1
6	ADIPOR1 deficiency-induced suppression of retinal ELOVL2 and docosahexaenoic acid levels during photoreceptor degeneration and visual loss. Cell Death and Disease, 2021, 12, 458.	2.7	23
7	Taurine rescues mitochondria-related metabolic impairments in the patient-derived induced pluripotent stem cells and epithelial-mesenchymal transition in the retinal pigment epithelium. Redox Biology, 2021, 41, 101921.	3.9	29
8	Neuroprotective Effect of 4-Phenylbutyric Acid against Photo-Stress in the Retina. Antioxidants, 2021, 10, 1147.	2.2	8
9	Factors associated with achieving intraocular pressure lower than 15ÂmmHg by Trabectome surgery in primary open-angle glaucoma. Scientific Reports, 2021, 11, 14308.	1.6	2
10	Shorter Axial Length Is a Risk Factor for Proliferative Vitreoretinopathy Grade C in Eyes Unmodified by Surgical Invasion. Journal of Clinical Medicine, 2021, 10, 3944.	1.0	1
11	Effects of intraocular treatments for Epstein-Barr virus (EBV) retinitis. Medicine (United States), 2021, 100, e28101.	0.4	5
12	Predicting recurrences of macular edema due to branch retinal vein occlusion during anti-vascular endothelial growth factor therapy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 49-56.	1.0	17
13	Association between axial length and choroidal thickness in early age-related macular degeneration. PLoS ONE, 2020, 15, e0240357.	1.1	8
14	Hyperreflective Material in Optical Coherence Tomography Images of Eyes with Myopic Choroidal Neovascularization May Affect the Visual Outcome. Journal of Clinical Medicine, 2020, 9, 2394.	1.0	1
15	Reninâ€“angiotensin system impairs macrophage lipid metabolism to promote age-related macular degeneration in mouse models. Communications Biology, 2020, 3, 767.	2.0	14
16	Oxidative stress in the light-exposed retina and its implication in age-related macular degeneration. Redox Biology, 2020, 37, 101779.	3.9	61
17	The Area and Number of Intraretinal Cystoid Spaces Predict the Visual Outcome after Ranibizumab Monotherapy in Diabetic Macular Edema. Journal of Clinical Medicine, 2020, 9, 1391.	1.0	13
18	Ocular and Systemic Effects of Antioxidative Supplement Use in Young and Healthy Adults: Real-World Cross-Sectional Data. Antioxidants, 2020, 9, 487.	2.2	0

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19	Macular Pigment Optical Density and Photoreceptor Outer Segment Length as Predisease Biomarkers for Age-Related Macular Degeneration. Journal of Clinical Medicine, 2020, 9, 1347.	1.0	13
20	Relationships of diabetes and hyperglycaemia with intraocular pressure in a Japanese population: the JPHC-NEXT Eye Study. Scientific Reports, 2020, 10, 5355.	1.6	12
21	Neuroprotective and visionâ€protective effect of preserving ATP levels by AMPK activator. FASEB Journal, 2020, 34, 5016-5026.	0.2	14
22	n-3 Fatty Acid and Its Metabolite 18-HEPE Ameliorate Retinal Neuronal Cell Dysfunction by Enhancing MÃ¼ller BDNF in Diabetic Retinopathy. Diabetes, 2020, 69, 724-735.	0.3	31
23	Relationship between nerve fiber layer defect and the presence of epiretinal membrane in a Japanese population: The JPHC-NEXT Eye Study. Scientific Reports, 2020, 10, 779.	1.6	3
24	Correlation between Macular Pigment Optical Density and Neural Thickness and Volume of the Retina. Nutrients, 2020, 12, 888.	1.7	10
25	Dynamic changes in choroidal conditions during anti-vascular endothelial growth factor therapy in polypoidal choroidal vasculopathy. Scientific Reports, 2019, 9, 11389.	1.6	20
26	Ultra-Widefield Retinal Imaging for Analyzing the Association Between Types of Pathological Myopia and Posterior Staphyloma. Journal of Clinical Medicine, 2019, 8, 1505.	1.0	6
27	QD laser eyewear as a visual field aid in a visual field defect model. Scientific Reports, 2019, 9, 1010.	1.6	7
28	Aquaporin 4 Suppresses Neural Hyperactivity and Synaptic Fatigue and Fine-Tunes Neurotransmission to Regulate Visual Function in the Mouse Retina. Molecular Neurobiology, 2019, 56, 8124-8135.	1.9	14
29	High Myopia and Its Associated Factors in JPHC-NEXT Eye Study: A Cross-Sectional Observational Study. Journal of Clinical Medicine, 2019, 8, 1788.	1.0	9
30	Dynamic changes in neural retinal images during the development of a lamellar macular hole. Medicine (United States), 2019, 98, e18297.	0.4	1
31	Effect of axial length and age on the visual outcome of patients with idiopathic epiretinal membrane after pars plana vitrectomy. Scientific Reports, 2019, 9, 19056.	1.6	7
32	Spatial-sweep steady-state pattern electroretinography can detect subtle differences in visual function among healthy adults. Scientific Reports, 2019, 9, 18119.	1.6	4
33	Retinal inflammation diagnosed as an idiopathic macular hole with multiple recurrences and spontaneous closures. Medicine (United States), 2019, 98, e14230.	0.4	9
34	Dietary Spirulina Supplementation Protects Visual Function From Photostress by Suppressing Retinal Neurodegeneration in Mice. Translational Vision Science and Technology, 2019, 8, 20.	1.1	21
35	Benefits of aflibercept treatment for age-related macular degeneration patients with good best-corrected visual acuity at baseline. Scientific Reports, 2018, 8, 58.	1.6	8
36	Predictive factors of better outcomes by monotherapy of an antivascular endothelial growth factor drug, ranibizumab, for diabetic macular edema in clinical practice. Medicine (United States), 2017, 96, e6459.	0.4	22

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37	Neuroprotective role of retinal SIRT3 against acute photo-stress. Npj Aging and Mechanisms of Disease, 2017, 3, 19.	4.5	24
38	Neuroprotective effect of bilberry extract in a murine model of photo-stressed retina. PLoS ONE, 2017, 12, e0178627.	1.1	43
39	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.	0.6	17
40	Neuroprotective effect of activated 5â€²-adenosine monophosphate-activated protein kinase on cone system function during retinal inflammation. BMC Neuroscience, 2016, 17, 32.	0.8	10
41	Lutein acts via multiple antioxidant pathways in the photo-stressed retina. Scientific Reports, 2016, 6, 30226.	1.6	85
42	Reply. American Journal of Ophthalmology, 2016, 169, 295-296.	1.7	0
43	Sneddon's syndrome with optic disc macroaneurysm and macular edema successfully treated with subtenon steroid injection. Acta Ophthalmologica, 2016, 94, e517-9.	0.6	4
44	Non-responsiveness to intravitreal aflibercept treatment in neovascular age-related macular degeneration: implications of serous pigment epithelial detachment. Scientific Reports, 2016, 6, 29619.	1.6	48
45	Functional Visual Acuity in Age-Related Macular Degeneration. Optometry and Vision Science, 2016, 93, 70-76.	0.6	17
46	Distinct Responsiveness to Intravitreal Ranibizumab Therapy in Polypoidal Choroidal Vasculopathy With Single or Multiple Polyps. American Journal of Ophthalmology, 2016, 166, 52-59.	1.7	23
47	Angiopoietin-like Protein 2 Is a Multistep Regulator of Inflammatory Neovascularization in a Murine Model of Age-related Macular Degeneration. Journal of Biological Chemistry, 2016, 291, 7373-7385.	1.6	22
48	The Neuroprotective Effect of Rapamycin as a Modulator of the mTOR-NF-ÎºB Axis during Retinal Inflammation. PLoS ONE, 2016, 11, e0146517.	1.1	43
49	Vision Loss by Central Retinal Vein Occlusion After Kaatsu Training. Medicine (United States), 2015, 94, e1515.	0.4	17
50	ASSOCIATION OF MACULAR PIGMENT OPTICAL DENSITY WITH SERUM CONCENTRATION OF OXIDIZED LOW-DENSITY LIPOPROTEIN IN HEALTHY ADULTS. Retina, 2015, 35, 820-826.	1.0	18
51	Glaucomatous Visual Field Defect Severity and the Prevalence of Motor Vehicle Collisions in Japanese: A Hospital/Clinic-Based Cross-Sectional Study. Journal of Ophthalmology, 2015, 2015, 1-8.	0.6	17
52	Blue light-induced inflammatory marker expression in the retinal pigment epithelium-choroid of mice and the protective effect of a yellow intraocular lens material inÂvivo. Experimental Eye Research, 2015, 132, 48-51.	1.2	63
53	Clinical and Molecular Characteristics ofÂChildhood-Onset Stargardt Disease. Ophthalmology, 2015, 122, 326-334.	2.5	146
54	AMPK-NF-ÎºB Axis in the Photoreceptor Disorder during Retinal Inflammation. PLoS ONE, 2014, 9, e103013.	1.1	27

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55	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.	0.6	14
56	Predictive factors for non-response to intravitreal ranibizumab treatment in age-related macular degeneration. British Journal of Ophthalmology, 2014, 98, 1186-1191.	2.1	77
57	Lutein and Oxidative Stress-Mediated Retinal Neurodegeneration in Diabetes. , 2014, , 223-229.		3
58	Biological effects of blocking blue and other visible light on the mouse retina. Clinical and Experimental Ophthalmology, 2014, 42, 555-563.	1.3	36
59	VITRECTOMY FOR MYOPIC FOVEOSCHISIS WITH INTERNAL LIMITING MEMBRANE PEELING AND NO GAS TAMPONADE. Retina, 2014, 34, 455-460.	1.0	41
60	Early Signs of Exudative Age-Related Macular Degeneration in Asians. Optometry and Vision Science, 2014, 91, 849-853.	0.6	21
61	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.	1.9	46
62	Phase II enzyme induction by a carotenoid, lutein, in a PC12D neuronal cell line. Biochemical and Biophysical Research Communications, 2014, 446, 535-540.	1.0	18
63	The use of induced pluripotent stem cells to reveal pathogenic gene mutations and explore treatments for retinitis pigmentosa. Molecular Brain, 2014, 7, 45.	1.3	95
64	Angiotensin II type 1 receptor blockade suppresses light-induced neural damage in the mouse retina. Free Radical Biology and Medicine, 2014, 71, 176-185.	1.3	28
65	Possibility of measuring lutein in the retina by confocal micro-imaging system. International Journal of Nanomanufacturing, 2014, 10, 321.	0.3	0
66	Oxidative Stress in the RPE and Its Contribution to AMD Pathogenesis: Implication of Light Exposure. , 2014, , 239-253.		2
67	Reninâ€“angiotensin system involvement in the oxidative stress-induced neurodegeneration of cultured retinal ganglion cells. Japanese Journal of Ophthalmology, 2013, 57, 126-132.	0.9	17
68	Calorie restriction (CR) and CR mimetics for the prevention and treatment of age-related eye disorders. Experimental Gerontology, 2013, 48, 1096-1100.	1.2	29
69	Neuroprotective role of superoxide dismutase 1 in retinal ganglionÂcells and inner nuclear layer cells against N-methyl-d-aspartate-induced cytotoxicity. Experimental Eye Research, 2013, 115, 230-238.	1.2	17
70	ABCA4Gene Screening by Next-Generation Sequencing in a British Cohort. , 2013, 54, 6662.		47
71	Disruption of Cell-Cell Junctions and Induction of Pathological Cytokines in the Retinal Pigment Epithelium of Light-Exposed Mice. , 2013, 54, 4555.		67
72	Detection of early visual impairment in patients with epiretinal membrane. Acta Ophthalmologica, 2013, 91, e353-7.	0.6	26

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73	Vision preservation during retinal inflammation by anthocyanin-rich bilberry extract: cellular and molecular mechanism. Laboratory Investigation, 2012, 92, 102-109.	1.7	91
74	Acute Visual Field Defect following Vitrectomy Determined to Originate from Optic Nerve by Electrophysiological Tests. Case Reports in Ophthalmology, 2012, 3, 396-405.	0.3	7
75	Neuroprotective Effects of Lutein in the Retina. Current Pharmaceutical Design, 2012, 18, 51-56.	0.9	141
76	Biological role of lutein in the light-induced retinal degeneration. Journal of Nutritional Biochemistry, 2012, 23, 423-429.	1.9	87
77	Regulation of Posttranscriptional Modification as a Possible Therapeutic Approach for Retinal Neuroprotection. Journal of Ophthalmology, 2011, 2011, 1-8.	0.6	18
78	Neuroprotective response after photodynamic therapy: Role of vascular endothelial growth factor. Journal of Neuroinflammation, 2011, 8, 176.	3.1	20
79	Retinal Ganglion Cell Loss in Superoxide Dismutase 1 Deficiency. , 2011, 52, 4143.		63
80	Neural Degeneration in the Retina of the Streptozotocin-Induced Type 1 Diabetes Model. Experimental Diabetes Research, 2011, 2011, 1-7.	3.8	74
81	Roles of AMP-Activated Protein Kinase in Diabetes-Induced Retinal Inflammation. , 2011, 52, 9142.		107
82	Retinal Aging and Sirtuins. Ophthalmic Research, 2010, 44, 199-203.	1.0	34
83	Resveratrol Prevents Light-Induced Retinal Degeneration via Suppressing Activator Protein-1 Activation. American Journal of Pathology, 2010, 177, 1725-1731.	1.9	91
84	(Pro)renin Receptorâ€“Mediated Signal Transduction and Tissue Renin-Angiotensin System Contribute to Diabetes-Induced Retinal Inflammation. Diabetes, 2009, 58, 1625-1633.	0.3	136
85	Neuroprotective Effect of an Antioxidant, Lutein, during Retinal Inflammation. , 2009, 50, 1433.		136
86	(Pro)renin Receptor Promotes Choroidal Neovascularization by Activating Its Signal Transduction and Tissue Renin-Angiotensin System. American Journal of Pathology, 2008, 173, 1911-1918.	1.9	62
87	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.	1.6	65
88	Angiotensin II Type 1 Receptor Signaling Contributes to Synaptophysin Degradation and Neuronal Dysfunction in the Diabetic Retina. Diabetes, 2008, 57, 2191-2198.	0.3	125
89	Inhibition of Choroidal Neovascularization with an Anti-Inflammatory Carotenoid Astaxanthin. , 2008, 49, 1679.		82
90	Eicosapentaenoic Acid Is Anti-Inflammatory in Preventing Choroidal Neovascularization in Mice. , 2007, 48, 4328.		69

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91	Macular Pigment Lutein Is Antiinflammatory in Preventing Choroidal Neovascularization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2555-2562.	1.1	140
92	Suppression of Diabetes-Induced Retinal Inflammation by Blocking the Angiotensin II Type 1 Receptor or Its Downstream Nuclear Factor-Î¹B Pathway. , 2007, 48, 4342.		177
93	SOCS3 is required to temporally fine-tune photoreceptor cell differentiation. Developmental Biology, 2007, 303, 591-600.	0.9	25
94	Interleukin-6 Receptor-Mediated Activation of Signal Transducer and Activator of Transcription-3 (STAT3) Promotes Choroidal Neovascularization. American Journal of Pathology, 2007, 170, 2149-2158.	1.9	132
95	Suppression of Choroidal Neovascularization by Dendritic Cell Vaccination Targeting VEGFR2. , 2007, 48, 4795.		14
96	Suppression of Choroidal Neovascularization by Inhibiting Angiotensin-Converting Enzyme: Minimal Role of Bradykinin. , 2007, 48, 2321.		51
97	Neuroprotective Effects of Angiotensin II Type 1 Receptor (AT1R) Blocker, Telmisartan, via Modulating AT1R and AT2R Signaling in Retinal Inflammation. , 2006, 47, 5545.		112
98	Suppression of Ocular Inflammation in Endotoxin-Induced Uveitis by Inhibiting Nonproteolytic Activation of Prorenin. , 2006, 47, 2686.		94
99	Angiotensin II Type 1 Receptorâ€“Mediated Inflammation Is Required for Choroidal Neovascularization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2252-2259.	1.1	115
100	Suppression of Ocular Inflammation in Endotoxin-Induced Uveitis by Blocking the Angiotensin II Type 1 Receptor. , 2005, 46, 2925.		77