

Hidehiro Oku

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9268796/publications.pdf>

Version: 2024-02-01

100
papers

1,142
citations

471371

17
h-index

580701

25
g-index

101
all docs

101
docs citations

101
times ranked

1430
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Optic Cup Enlargement Caused by Endothelin-1-Induced Chronic Optic Nerve Head Ischemia. <i>Survey of Ophthalmology</i> , 1999, 44, S74-S84.	1.7	85
2	Blocking Endothelin-B Receptors Rescues Retinal Ganglion Cells from Optic Nerve Injury through Suppression of Neuroinflammation. , 2012, 53, 3490.		64
3	Gene Expression of Neurotrophins and Their High-Affinity Trk Receptors in Cultured Human MÃ¼ller Cells. <i>Ophthalmic Research</i> , 2002, 34, 38-42.	1.0	52
4	Involvement of Angiotensin II-Dependent Vascular Endothelial Growth Factor Gene Expression via NADPH Oxidase in the Retina in a Type 2 Diabetic Rat Model. <i>Current Eye Research</i> , 2008, 33, 885-891.	0.7	34
5	Systemic Simvastatin Rescues Retinal Ganglion Cells from Optic Nerve Injury Possibly through Suppression of Astroglial NF-Î±B Activation. <i>PLoS ONE</i> , 2014, 9, e84387.	1.1	33
6	Long axial length as risk factor for normal tension glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 781-787.	1.0	32
7	Effects of all-trans retinoic acid nanoparticles on corneal epithelial wound healing. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 557-563.	1.0	28
8	Endothelin-1 Enhances Glutamate-Induced Retinal Cell Death, Possibly through ETAReceptors. , 2005, 46, 4684.		26
9	Effects of adenosine on optic nerve head circulation in rabbits. <i>Experimental Eye Research</i> , 2004, 79, 729-735.	1.2	25
10	Involvement of P2X7 receptors in retinal ganglion cell death after optic nerve crush injury in rats. <i>Neuroscience Letters</i> , 2013, 534, 237-241.	1.0	25
11	Implication of VEGF and aquaporin 4 mediating MÃ¼ller cell swelling to diabetic retinal edema. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1149-1157.	1.0	25
12	Hyperglycemia-induced VEGF and ROS production in retinal cells is inhibited by the mTOR inhibitor, rapamycin. <i>Scientific Reports</i> , 2021, 11, 1885.	1.6	23
13	High infusion pressure in conjunction with vitreous surgery alters the morphology and function of the retina of rabbits. <i>Acta Ophthalmologica</i> , 2007, 85, 633-639.	0.4	22
14	Effects of an Aquaporin 4 Inhibitor, TGN-020, on Murine Diabetic Retina. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2324.	1.8	21
15	The mechanism and change in the optic nerve head (ONH) circulation in rabbits after glucose loading. <i>Current Eye Research</i> , 2001, 22, 95-101.	0.7	20
16	Disruption of Gap Junctions May Be Involved in Impairment of Autoregulation in Optic Nerve Head Blood Flow of Diabetic Rabbits. , 2011, 52, 2153.		20
17	Changes in Expression of Aquaporin-4 and Aquaporin-9 in Optic Nerve after Crushing in Rats. <i>PLoS ONE</i> , 2014, 9, e114694.	1.1	20
18	Changes in optic nerve head blood flow, visual function, and retinal histology in hypercholesterolemic rabbits. <i>Experimental Eye Research</i> , 2011, 93, 818-824.	1.2	19

#	ARTICLE	IF	CITATIONS
19	Vasoactivity of retinal veins: A potential involvement of endothelin-1 (ET-1) in the pathogenesis of retinal vein occlusion (RVO). <i>Experimental Eye Research</i> , 2018, 176, 207-209.	1.2	19
20	Tau Is Involved in Death of Retinal Ganglion Cells of Rats From Optic Nerve Crush. , 2019, 60, 2380.		18
21	Advanced glycation end products induce death of retinal neurons via activation of nitric oxide synthase. <i>Experimental Eye Research</i> , 2005, 81, 647-654.	1.2	17
22	Immunohistological Study of Monkey Foveal Retina. <i>Scientific Reports</i> , 2019, 9, 5258.	1.6	17
23	Adenosine protects cultured retinal neurons against NMDA-induced cell death through A1 receptors. <i>Current Eye Research</i> , 2004, 29, 449-455.	0.7	16
24	Neuroprotective effects of inhibitors of Acid-Sensing ion channels (ASICs) in optic nerve crush model in rodents. <i>Current Eye Research</i> , 2018, 43, 84-95.	0.7	16
25	Impairment of Autophagy Causes Superoxide Formation and Caspase Activation in 661 W Cells, a Cell Line for Cone Photoreceptors, under Hyperglycemic Conditions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4240.	1.8	15
26	The reproducibility and sensitivity of visual evoked potential testing in rabbits. <i>Neuro-Ophthalmology</i> , 2001, 26, 59-66.	0.4	14
27	Endothelin-1 (ET-1) causes death of retinal neurons through activation of nitric oxide synthase (NOS) and production of superoxide anion. <i>Experimental Eye Research</i> , 2008, 86, 118-130.	1.2	14
28	Effect of Hypoxia on Susceptibility of RGC-5 Cells to Nitric Oxide. , 2010, 51, 2575.		14
29	Large Cell Neuroendocrine Carcinoma of the Lung with Cancer-Associated Retinopathy. <i>Case Reports in Oncology</i> , 2015, 8, 153-158.	0.3	14
30	Evaluation of Nitric Oxide Synthesis in the Optic Nerve Head in vivo Using Microdialysis and High-Performance Liquid Chromatography and Its Interaction with Endothelin-1. <i>Ophthalmic Research</i> , 2003, 35, 78-83.	1.0	13
31	Nitric Oxide Increases the Expression of Aquaporin-4 Protein in Rat Optic Nerve Astrocytes through the Cyclic Guanosine Monophosphate/Protein Kinase G Pathway. <i>Ophthalmic Research</i> , 2015, 54, 212-221.	1.0	13
32	Suppressed endothelin-1 by anti-VEGF therapy is important for patients with BRVO-related macular edema to improve their vision. <i>EPMA Journal</i> , 2016, 7, 18.	3.3	13
33	P7C3 Suppresses Neuroinflammation and Protects Retinal Ganglion Cells of Rats from Optic Nerve Crush. , 2017, 58, 4877.		13
34	Amelioration of Endothelin-1-Induced Optic Nerve Head Ischemia by Topical Bunazosin. <i>Current Eye Research</i> , 2005, 30, 81-91.	0.7	12
35	Nitric Oxide Potentiates TNF- α -Induced Neurotoxicity Through Suppression of NF- κ B. <i>Cellular and Molecular Neurobiology</i> , 2012, 32, 95-106.	1.7	12
36	Optic perineuritis associated with antineutrophil cytoplasmic autoantibody-related hypertrophic pachymeningitis: a case report. <i>Neurological Sciences</i> , 2016, 37, 641-643.	0.9	12

#	ARTICLE	IF	CITATIONS
37	Effects of Gelatin Hydrogel Containing Anti-Transforming Growth Factor- β 2 Antibody in a Canine Filtration Surgery Model. <i>International Journal of Molecular Sciences</i> , 2017, 18, 985.	1.8	12
38	Experimental autoimmune uveoretinitis initiated by nonphagocytic destruction of inner segments of photoreceptor cells by Macrophage mononuclear cells. <i>Microbiology and Immunology</i> , 2008, 52, 601-610.	0.7	11
39	Evaluation of granulation tissue formation in lacrimal duct post silicone intubation and its successful management by injection of prednisolone acetate ointment into the lacrimal duct. <i>Japanese Journal of Ophthalmology</i> , 2016, 60, 280-285.	0.9	11
40	Optic Nerve Dysfunction Secondary to Long-Term Use of Lithium Carbonate. <i>Japanese Journal of Ophthalmology</i> , 2007, 51, 79-81.	0.9	10
41	Effects of Gelatin Hydrogel Containing Chymase Inhibitor on Scarring in a Canine Filtration Surgery Model. , 2011, 52, 7672.		10
42	Process of spontaneous resolution in the conservative management of congenital dacryocystocele. <i>Clinical Ophthalmology</i> , 2014, 8, 465.	0.9	10
43	Negative impact of AQP-4 channel inhibition on survival of retinal ganglion cells and glutamate metabolism after crushing optic nerve. <i>Experimental Eye Research</i> , 2016, 146, 118-127.	1.2	10
44	Long-term evaluation of spontaneous release of epiretinal membrane and its possible pathogenesis. <i>Clinical Ophthalmology</i> , 2017, Volume 11, 1607-1610.	0.9	10
45	Involvement of premacular mast cells in the pathogenesis of macular diseases. <i>PLoS ONE</i> , 2019, 14, e0211438.	1.1	10
46	A comparison of sex steroid concentration levels in the vitreous and serum of patients with vitreoretinal diseases. <i>PLoS ONE</i> , 2017, 12, e0180933.	1.1	10
47	Expression of Lymphatic Markers in the Berger's Space and Bursa Premacularis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2086.	1.8	9
48	Effects of poly(ADP-ribose) polymerase inhibitor on NMDA-induced retinal injury. <i>Current Eye Research</i> , 2004, 29, 403-411.	0.7	8
49	Bilateral, Nearly Simultaneous Anterior Ischemic Optic Neuropathy Complicated by Diabetes and Bilateral, Small, Crowded Optic Discs. <i>Japanese Journal of Ophthalmology</i> , 2005, 49, 235-238.	0.9	8
50	Treatment of systemic hypertension is important for improvement of macular edema associated with retinal vein occlusion. <i>Clinical Ophthalmology</i> , 2014, 8, 955.	0.9	8
51	Protective effect of P7C3 on retinal ganglion cells from optic nerve injury. <i>Japanese Journal of Ophthalmology</i> , 2017, 61, 195-203.	0.9	8
52	Changes in Expression of Nestin, CD44, Vascular Endothelial Growth Factor, and Glutamine Synthetase by Mature Macrophages After Dedifferentiation. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2015, 31, 476-481.	0.6	7
53	Comparison of histopathological findings between idiopathic and secondary epiretinal membranes. <i>International Ophthalmology</i> , 2016, 36, 713-718.	0.6	7
54	Case of Primary Leptomeningeal Lymphoma Presenting with Papilloedema and Characteristics of Pseudotumor Syndrome. <i>Neuro-Ophthalmology</i> , 2017, 41, 149-153.	0.4	7

#	ARTICLE	IF	CITATIONS
55	Central Retinal Vein Occlusion in 2 Patients Using Antipsychotic Drugs. Case Reports in Ophthalmology, 2017, 8, 410-415.	0.3	7
56	A case of neglected silicone tube in lacrimal duct for 20 years. American Journal of Ophthalmology Case Reports, 2018, 11, 41-44.	0.4	7
57	C-reactive protein may be useful to differentiate idiopathic orbital inflammation and orbital cellulitis in cases with acute eyelid erythema and edema. Clinical Ophthalmology, 2018, Volume 12, 1149-1153.	0.9	7
58	Amelioration by Topical Bunazosin Hydrochloride of the Impairment in Ocular Blood Flow Caused by Nitric Oxide Synthase Inhibition in Rabbits. Journal of Ocular Pharmacology and Therapeutics, 2003, 19, 63-73.	0.6	6
59	The role of tryptase and anti-type II collagen antibodies in the pathogenesis of idiopathic epiretinal membranes. Clinical Ophthalmology, 2015, 9, 1181.	0.9	6
60	The effect of vitreomacular adhesion in exudative age-related macular degeneration on the results of ranibizumab intravitreal injection. Clinical Ophthalmology, 2017, Volume 11, 1471-1475.	0.9	6
61	Ocular findings in Japanese children with Down syndrome: the course of visual acuity and refraction, and systemic and ocular anomalies. Clinical Ophthalmology, 2018, Volume 12, 1637-1643.	0.9	6
62	Long-Term Follow-Up Changes of Central Choroidal Thickness Thinning after Repeated Anti-VEGF Therapy Injections in Patients with Central Retinal Vein Occlusion-Related Macular Edema with Systemic Hypertension. Ophthalmologica, 2020, 243, 102-109.	1.0	6
63	Endothelin-1 (ET-1) is Increased in Rat Retina After Crushing Optic Nerve. Current Eye Research, 2008, 33, 611-620.	0.7	5
64	Adult T-cell leukemia presenting with episcleritis and secondary glaucoma. Japanese Journal of Ophthalmology, 2009, 53, 70-71.	0.9	5
65	Measurement of serum and vitreous concentrations of anti-type II collagen antibody in diabetic retinopathy. Clinical Ophthalmology, 2015, 9, 543.	0.9	5
66	Vitreous estrogen levels in patients with an idiopathic macular hole. Clinical Ophthalmology, 2015, 9, 549.	0.9	5
67	Complete Recovery from Blindness in Case of Compressive Optic Neuropathy due to Unruptured Anterior Cerebral Artery Aneurysm. Case Reports in Ophthalmology, 2017, 8, 157-162.	0.3	5
68	Protein kinase C-mediated insulin receptor phosphorylation in diabetic rat retina. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 1427-1434.	1.0	5
69	Involvement of Anoikis in Dissociated Optic Nerve Fiber Layer Appearance. International Journal of Molecular Sciences, 2021, 22, 1724.	1.8	5
70	Roscovitine, a Cyclin-Dependent Kinase-5 Inhibitor, Decreases Phosphorylated Tau Formation and Death of Retinal Ganglion Cells of Rats after Optic Nerve Crush. International Journal of Molecular Sciences, 2021, 22, 8096.	1.8	5
71	Possible roles of anti-type II collagen antibody and innate immunity in the development and progression of diabetic retinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, , 1.	1.0	5
72	Clinical Features of Japanese Patients with Central Retinal Vein Occlusion Complicated by Normal-Tension Glaucoma: A Retrospective Study. Ophthalmologica, 2017, 237, 173-179.	1.0	4

#	ARTICLE	IF	CITATIONS
73	Development of macular retinoschisis long after the onset of retinal arterial occlusion (RAO): a retrospective study. <i>BMC Ophthalmology</i> , 2018, 18, 59.	0.6	4
74	Significant correlations between photopic negative response, afferent pupillary defect, and mean defects of visual fields in asymmetric optic nerve disorders. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1821-1827.	1.0	4
75	Data on the involvement of endothelin-1 (ET-1) in the dysregulation of retinal veins. <i>Data in Brief</i> , 2018, 21, 59-62.	0.5	3
76	Endoscopic Evaluation of Lacrimal Mucosa With Indigo Carmine Stain. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2020, 36, 49-54.	0.4	3
77	Effects of Regorafenib, a Multi-Kinase Inhibitor, on Conjunctival Scarring in a Canine Filtration Surgery Model in Comparison with Mitomycin-C. <i>International Journal of Molecular Sciences</i> , 2020, 21, 63.	1.8	3
78	Effect of rebamipide ophthalmic suspension on the success of lacrimal stent intubation. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 385-389.	1.0	2
79	A Case of Fundus Oculi Albinoticus Diagnosed as Angelman Syndrome by Genetic Testing. <i>Case Reports in Ophthalmology</i> , 2018, 9, 108-113.	0.3	2
80	Convergent strabismus fixus after bilateral abducens nerve palsies due to aneurysms. <i>Medicine (United States)</i> , 2018, 97, e13766.	0.4	2
81	Investigation of scleral thermal injuries caused by ultrasonic pars plana phacoemulsification and aspiration using pig eyes. <i>International Ophthalmology</i> , 2019, 39, 2015-2021.	0.6	2
82	Involvement of the Retinal Pigment Epithelium in the Development of Retinal Lattice Degeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7347.	1.8	2
83	<p>Clinical Features of Vitreomacular Traction Syndrome with Peripheral Vitreoretinal Adhesion</p>. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 281-286.	0.9	2
84	Dacryocystitis-guided re-canalization of canaliculops. <i>Medicine (United States)</i> , 2021, 100, e24985.	0.4	2
85	Acute Infarction at the Opto-Chiasmal Junction Detected by Diffusion Weighted Magnetic Resonance Imaging. <i>Neuro-Ophthalmology</i> , 2009, 33, 257-260.	0.4	1
86	A case of optic-nerve hypoplasia and anterior segment abnormality associated with facial cleft. <i>International Medical Case Reports Journal</i> , 2016, Volume 9, 207-212.	0.3	1
87	Expression of a hyaluronic acid-binding proteoglycan (versican) in the cynomolgus monkey eye. <i>International Ophthalmology</i> , 2016, 36, 651-656.	0.6	1
88	One-Sided Headache Is a Symptom Suggesting Aneurysmal Lesion in Patients with Isolated Abducens Nerve Palsy. <i>Neuro-Ophthalmology</i> , 2017, 41, 35-38.	0.4	1
89	A Case of Childhood-Onset Giant Cell Tumor that Caused Optic Nerve Atrophy in Both Eyes. <i>Case Reports in Ophthalmology</i> , 2017, 8, 301-307.	0.3	1
90	Periocular injection of candesartan-PLGA microparticles inhibits laser-induced experimental choroidal neovascularization. <i>Clinical Ophthalmology</i> , 2019, Volume 13, 87-93.	0.9	1

#	ARTICLE	IF	CITATIONS
91	Rituximab Monotherapy for Compressive Optic Neuropathy With Giant Ocular Adnexal Mucosa-associated Lymphoid Tissue Lymphoma. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2021, 37, S132-S133.	0.4	1
92	Decreased Presence of Mast Cells in the Bursa Premaularis of Proliferative Diabetic Retinopathy. <i>Ophthalmic Research</i> , 2021, 64, 1002-1012.	1.0	1
93	Newly Designed Universal Trans-punctal Rigid Lacrimal Microendoscope. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2020, 36, 579-581.	0.4	1
94	Two Cases of Proliferative Diabetic Retinopathy with Marked Sheathing of the Retinal Arteries following Vitrectomy. <i>Case Reports in Ophthalmology</i> , 2017, 8, 40-48.	0.3	0
95	A Case of Idiopathic Orbital Inflammation with Shallow Anterior Chamber and Choroidal Detachment. <i>Case Reports in Ophthalmology</i> , 2020, 11, 8-15.	0.3	0
96	A Case of Giant Pituitary Adenoma Associated with a Postoperative Mental Disorder That Ultimately Resulted in Bilateral Blindness. <i>Case Reports in Ophthalmology</i> , 2020, 11, 92-99.	0.3	0
97	Pituitary stone resulting in visual dysfunction and spontaneous rhinorrhea in nonfunctioning pituitary adenoma: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 1, .	0.1	0
98	Impact of habitual swimming on the success of lacrimal surgery. <i>Japanese Journal of Ophthalmology</i> , 2021, 65, 849-854.	0.9	0
99	A Case of Hydranencephaly in Which Ophthalmic Examinations Were Performed. <i>Case Reports in Ophthalmology</i> , 2017, 7, 420-425.	0.3	0
100	A Randomized Clinical Trial of Triamcinolone Acetonide Injection for Suppression of Inflammation after Blepharoptosis Surgery. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, , .	0.5	0