

Hidehiro Oku

List of Publications by Year in descending order

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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	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
2	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
3	Involvement of Anoikis in Dissociated Optic Nerve Fiber Layer Appearance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1724.	1.8	5
4	Expression of Lymphatic Markers in the Bergerâ€™s Space and Bursa Premacularis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2086.	1.8	9
5	Dacryocystitis-guided re-canalization of canaliculops. <i>Medicine (United States)</i> , 2021, 100, e24985.	0.4	2
6	Rituximab Monotherapy for Compressive Optic Neuropathy With Giant Ocular Adnexal Mucosaâ€™Associated Lymphoid Tissue lymphoma. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2021, 37, S132-S133.	0.4	1
7	Roscovitine, a Cyclin-Dependent Kinase-5 Inhibitor, Decreases Phosphorylated Tau Formation and Death of Retinal Ganglion Cells of Rats after Optic Nerve Crush. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8096.	1.8	5
8	Possible roles of anti-type II collagen antibody and innate immunity in the development and progression of diabetic retinopathy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, , 1.	1.0	5
9	Decreased Presence of Mast Cells in the Bursa Premacularis of Proliferative Diabetic Retinopathy. <i>Ophthalmic Research</i> , 2021, 64, 1002-1012.	1.0	1
10	Impact of habitual swimming on the success of lacrimal surgery. <i>Japanese Journal of Ophthalmology</i> , 2021, 65, 849-854.	0.9	0
11	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
12	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. <i>Ophthalmologica</i> , 2020, 243, 102-109.	1.0	6
13	Endoscopic Evaluation of Lacrimal Mucosa With Indigo Carmine Stain. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2020, 36, 49-54.	0.4	3
14	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
15	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
16	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
17	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
18	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

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19	<p>Clinical Features of Vitreomacular Traction Syndrome with Peripheral Vitreoretinal Adhesion</p>. Clinical Ophthalmology, 2020, Volume 14, 281-286.	0.9	2
20	A Case of Giant Pituitary Adenoma Associated with a Postoperative Mental Disorder That Ultimately Resulted in Bilateral Blindness. Case Reports in Ophthalmology, 2020, 11, 92-99.	0.3	0
21	Effects of an Aquaporin 4 Inhibitor, TGN-020, on Murine Diabetic Retina. International Journal of Molecular Sciences, 2020, 21, 2324.	1.8	21
22	Newly Designed Universal Trans-punctal Rigid Lacrimal Microendoscope. Ophthalmic Plastic and Reconstructive Surgery, 2020, 36, 579-581.	0.4	1
23	Periocular injection of candesartan-PLGA microparticles inhibits laser-induced experimental choroidal neovascularization. Clinical Ophthalmology, 2019, Volume 13, 87-93.	0.9	1
24	Tau Is Involved in Death of Retinal Ganglion Cells of Rats From Optic Nerve Crush. , 2019, 60, 2380.		18
25	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
26	Immunohistological Study of Monkey Foveal Retina. Scientific Reports, 2019, 9, 5258.	1.6	17
27	Involvement of premacular mast cells in the pathogenesis of macular diseases. PLoS ONE, 2019, 14, e0211438.	1.1	10
28	Investigation of scleral thermal injuries caused by ultrasonic pars plana phacoemulsification and aspiration using pig eyes. International Ophthalmology, 2019, 39, 2015-2021.	0.6	2
29	Development of macular retinoschisis long after the onset of retinal arterial occlusion (RAO): a retrospective study. BMC Ophthalmology, 2018, 18, 59.	0.6	4
30	A Case of Fundus Oculi Albinoticus Diagnosed as Angelman Syndrome by Genetic Testing. Case Reports in Ophthalmology, 2018, 9, 108-113.	0.3	2
31	Neuroprotective effects of inhibitors of Acid-Sensing ion channels (ASICs) in optic nerve crush model in rodents. Current Eye Research, 2018, 43, 84-95.	0.7	16
32	Convergent strabismus fixus after bilateral abducens nerve palsies due to aneurysms. Medicine (United States), 2018, 97, e13766.	0.4	2
33	Data on the involvement of endothelin-1 (ET-1) in the dysregulation of retinal veins. Data in Brief, 2018, 21, 59-62.	0.5	3
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	Clinical Features of Japanese Patients with Central Retinal Vein Occlusion Complicated by Normal-Tension Glaucoma: A Retrospective Study. <i>Ophthalmologica</i> , 2017, 237, 173-179.	1.0	4
42	Case of Primary Leptomeningeal Lymphoma Presenting with Papilloedema and Characteristics of Pseudotumor Syndrome. <i>Neuro-Ophthalmology</i> , 2017, 41, 149-153.	0.4	7
43	Implication of VEGF and aquaporin 4 mediating Müller cell swelling to diabetic retinal edema. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1149-1157.	1.0	25
44	Complete Recovery from Blindness in Case of Compressive Optic Neuropathy due to Unruptured Anterior Cerebral Artery Aneurysm. <i>Case Reports in Ophthalmology</i> , 2017, 8, 157-162.	0.3	5
45	P7C3 Suppresses Neuroinflammation and Protects Retinal Ganglion Cells of Rats from Optic Nerve Crush. , 2017, 58, 4877.		13
46	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
47	The effect of vitreomacular adhesion in exudative age-related macular degeneration on the results of ranibizumab intravitreal injection. <i>Clinical Ophthalmology</i> , 2017, Volume 11, 1471-1475.	0.9	6
48	Central Retinal Vein Occlusion in 2 Patients Using Antipsychotic Drugs. <i>Case Reports in Ophthalmology</i> , 2017, 8, 410-415.	0.3	7
49	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
50	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
51	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
52	A Case of Hydranencephaly in Which Ophthalmic Examinations Were Performed. <i>Case Reports in Ophthalmology</i> , 2017, 7, 420-425.	0.3	0
53	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
54	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

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55	Comparison of histopathological findings between idiopathic and secondary epiretinal membranes. <i>International Ophthalmology</i> , 2016, 36, 713-718.	0.6	7
56	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
57	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
58	Expression of a hyaluronic acid-binding proteoglycan (versican) in the cynomolgus monkey eye. <i>International Ophthalmology</i> , 2016, 36, 651-656.	0.6	1
59	Optic perineuritis associated with antineutrophil cytoplasmic autoantibody-related hypertrophic pachymeningitis: a case report. <i>Neurological Sciences</i> , 2016, 37, 641-643.	0.9	12
60	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
61	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
62	Measurement of serum and vitreous concentrations of anti-type II collagen antibody in diabetic retinopathy. <i>Clinical Ophthalmology</i> , 2015, 9, 543.	0.9	5
63	The role of tryptase and anti-type II collagen antibodies in the pathogenesis of idiopathic epiretinal membranes. <i>Clinical Ophthalmology</i> , 2015, 9, 1181.	0.9	6
64	Vitreous estrogen levels in patients with an idiopathic macular hole. <i>Clinical Ophthalmology</i> , 2015, 9, 549.	0.9	5
65	Large Cell Neuroendocrine Carcinoma of the Lung with Cancer-Associated Retinopathy. <i>Case Reports in Oncology</i> , 2015, 8, 153-158.	0.3	14
66	Changes in Expression of Nestin, CD44, Vascular Endothelial Growth Factor, and Glutamine Synthetase by Mature MÃ¼ller Cells After Dedifferentiation. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2015, 31, 476-481.	0.6	7
67	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
68	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
69	Process of spontaneous resolution in the conservative management of congenital dacryocystocele. <i>Clinical Ophthalmology</i> , 2014, 8, 465.	0.9	10
70	Systemic Simvastatin Rescues Retinal Ganglion Cells from Optic Nerve Injury Possibly through Suppression of Astroglial NF-Î²B Activation. <i>PLoS ONE</i> , 2014, 9, e84387.	1.1	33
71	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
72	Blocking Endothelin-B Receptors Rescues Retinal Ganglion Cells from Optic Nerve Injury through Suppression of Neuroinflammation. , 2012, 53, 3490.		64

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73	Effects of all-trans retinoic acid nanoparticles on corneal epithelial wound healing. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 557-563.	1.0	28
74	Nitric Oxide Potentiates TNF- α -Induced Neurotoxicity Through Suppression of NF- κ B. Cellular and Molecular Neurobiology, 2012, 32, 95-106.	1.7	12
75	Changes in optic nerve head blood flow, visual function, and retinal histology in hypercholesterolemic rabbits. Experimental Eye Research, 2011, 93, 818-824.	1.2	19
76	Disruption of Gap Junctions May Be Involved in Impairment of Autoregulation in Optic Nerve Head Blood Flow of Diabetic Rabbits. , 2011, 52, 2153.		20
77	Effects of Gelatin Hydrogel Containing Chymase Inhibitor on Scarring in a Canine Filtration Surgery Model. , 2011, 52, 7672.		10
78	Effect of Hypoxia on Susceptibility of RGC-5 Cells to Nitric Oxide. , 2010, 51, 2575.		14
79	Acute Infarction at the Opto-Chiasm Junction Detected by Diffusion Weighted Magnetic Resonance Imaging. Neuro-Ophthalmology, 2009, 33, 257-260.	0.4	1
80	Long axial length as risk factor for normal tension glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 781-787.	1.0	32
81	Adult T-cell leukemia presenting with episcleritis and secondary glaucoma. Japanese Journal of Ophthalmology, 2009, 53, 70-71.	0.9	5
82	Experimental autoimmune uveoretinitis initiated by non-phagocytic destruction of inner segments of photoreceptor cells by Macrophage mononuclear cells. Microbiology and Immunology, 2008, 52, 601-610.	0.7	11
83	Endothelin-1 (ET-1) causes death of retinal neurons through activation of nitric oxide synthase (NOS) and production of superoxide anion. Experimental Eye Research, 2008, 86, 118-130.	1.2	14
84	Endothelin-1 (ET-1) is Increased in Rat Retina After Crushing Optic Nerve. Current Eye Research, 2008, 33, 611-620.	0.7	5
85	Involvement of Angiotensin II-Dependent Vascular Endothelial Growth Factor Gene Expression via NADPH Oxidase in the Retina in a Type 2 Diabetic Rat Model. Current Eye Research, 2008, 33, 885-891.	0.7	34
86	High infusion pressure in conjunction with vitreous surgery alters the morphology and function of the retina of rabbits. Acta Ophthalmologica, 2007, 85, 633-639.	0.4	22
87	Optic Nerve Dysfunction Secondary to Long-Term Use of Lithium Carbonate. Japanese Journal of Ophthalmology, 2007, 51, 79-81.	0.9	10
88	Bilateral, Nearly Simultaneous Anterior Ischemic Optic Neuropathy Complicated by Diabetes and Bilateral, Small, Crowded Optic Discs. Japanese Journal of Ophthalmology, 2005, 49, 235-238.	0.9	8
89	Endothelin-1 Enhances Glutamate-Induced Retinal Cell Death, Possibly through ETAReceptors. , 2005, 46, 4684.		26
90	Amelioration of Endothelin-1-Induced Optic Nerve Head Ischemia by Topical Bunazosin. Current Eye Research, 2005, 30, 81-91.	0.7	12

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91	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
92	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
93	Effects of poly(ADP-ribose) polymerase inhibitor on NMDA-induced retinal injury. <i>Current Eye Research</i> , 2004, 29, 403-411.	0.7	8
94	Effects of adenosine on optic nerve head circulation in rabbits. <i>Experimental Eye Research</i> , 2004, 79, 729-735.	1.2	25
95	Amelioration by Topical Bunazosin Hydrochloride of the Impairment in Ocular Blood Flow Caused by Nitric Oxide Synthase Inhibition in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2003, 19, 63-73.	0.6	6
96	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
97	Gene Expression of Neurotrophins and Their High-Affinity Trk Receptors in Cultured Human M μ 1/4ller Cells. <i>Ophthalmic Research</i> , 2002, 34, 38-42.	1.0	52
98	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
99	The reproducibility and sensitivity of visual evoked potential testing in rabbits. <i>Neuro-Ophthalmology</i> , 2001, 26, 59-66.	0.4	14
100	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