

Akira Hirata

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

2,488
citations

186265

28
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all docs

97
docs citations

97
times ranked

2168
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of long-term astigmatic changes following cataract surgery among types of corneal astigmatism. <i>British Journal of Ophthalmology</i> , 2023, 107, 920-926.	3.9	4
2	Long-term changes in the refractive effect of a toric intraocular lens on astigmatism correction. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 509-519.	1.9	7
3	Posterior vitreous detachment after cataract surgery in eyes with high myopia: an optical coherence tomography study. <i>Japanese Journal of Ophthalmology</i> , 2022, 66, 167.	1.9	3
4	Age-related appearance of lamellar structures in lens capsule of cataractous eyes and its pathological significance. <i>Journal of Cataract and Refractive Surgery</i> , 2022, Publish Ahead of Print, .	1.5	0
5	Pupillary light response after cataract surgery in healthy patients. <i>Japanese Journal of Ophthalmology</i> , 2021, 65, 616-623.	1.9	2
6	Contractility of temporal inverted internal limiting membrane flap after vitrectomy for macular hole. <i>Scientific Reports</i> , 2021, 11, 20035.	3.3	9
7	Macular pucker formation after macular hole surgery with inverted internal limiting membrane flap technique and silicone oil tamponade. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 19, 100847.	0.7	7
8	Posterior vitreous detachment in patients with diabetes mellitus. <i>Japanese Journal of Ophthalmology</i> , 2020, 64, 187-195.	1.9	8
9	Posterior Vitreous Detachment in Highly Myopic Patients. , 2020, 61, 33.		32
10	Morphometric analysis in mouse scleral fibroblasts using focused ion beam/scanning electron microscopy. <i>Scientific Reports</i> , 2019, 9, 6329.	3.3	10
11	Transient ciliochoroidal detachment after 360-degree suture trabeculectomy ab interno for open-angle glaucoma: 12-month follow-up. <i>Eye</i> , 2019, 33, 1081-1089.	2.1	18
12	Sex-Related Differences in the Progression of Posterior Vitreous Detachment with Age. <i>Ophthalmology Retina</i> , 2019, 3, 237-243.	2.4	31
13	Relationship between the morphology of the foveal avascular zone and the degree of aniseikonia before and after vitrectomy in patients with unilateral epiretinal membrane. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 507-515.	1.9	25
14	Changes in shape and astigmatism of total, anterior, and posterior cornea after long versus short clear corneal incision cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 39-49.	1.5	22
15	Binocular visual function of myopic pseudophakic monovision. <i>Japanese Journal of Ophthalmology</i> , 2018, 62, 357-364.	1.9	3
16	Removal of choroidal neovascular membrane in a case of macular hole after anti-VEGF therapy for age-related macular degeneration. <i>American Journal of Ophthalmology Case Reports</i> , 2018, 9, 14-17.	0.7	10
17	Intraocular pressure and wound state immediately after long versus short clear corneal incision cataract surgery. <i>Japanese Journal of Ophthalmology</i> , 2018, 62, 621-627.	1.9	4
18	Three-Dimensional Analysis of Peeled Internal Limiting Membrane Using Focused Ion Beam/Scanning Electron Microscopy. <i>Translational Vision Science and Technology</i> , 2018, 7, 15.	2.2	14

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19	360-degree suture trabeculotomy ab interno with phacoemulsification in open-angle glaucoma and coexisting cataract: a pilot study. <i>BMJ Open Ophthalmology</i> , 2018, 3, e000159.	1.6	14
20	360-degree suture trabeculotomy ab interno to treat open-angle glaucoma: 2-year outcomes. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 915-923.	1.8	21
21	Sex-related differences in corneal astigmatism and shape with age. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 1130-1139.	1.5	23
22	Changes in corneal astigmatism during 20 years after cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 615-621.	1.5	16
23	Response to: A classification system of intraocular lens dislocation sites under operating microscopy and surgical techniques and outcomes of exchange surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 2489-2491.	1.9	1
24	A classification system of intraocular lens dislocation sites under operating microscopy, and the surgical techniques and outcomes of exchange surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 505-513.	1.9	19
25	Short-term outcomes of combined implantation of diffractive multifocal intraocular lenses with different addition power. <i>Acta Ophthalmologica</i> , 2015, 93, e287-93.	1.1	8
26	Changes in Irregular Corneal Astigmatism With Age in Eyes With and Without Cataract Surgery. , 2015, 56, 7988.		13
27	Prospective, noncomparative, nonrandomized case study of short-term outcomes of 360° suture trabeculotomy ab interno in patients with open-angle glaucoma. <i>Clinical Ophthalmology</i> , 2015, 9, 63.	1.8	40
28	Visual outcomes in eyes with a distance-dominant diffractive multifocal intraocular lens with low near addition power. <i>British Journal of Ophthalmology</i> , 2015, 99, 1466-1470.	3.9	26
29	Influence of Patient Age at Surgery on Long-Term Corneal Astigmatic Change Subsequent to Cataract Surgery. <i>American Journal of Ophthalmology</i> , 2015, 160, 171-178.e1.	3.3	17
30	Outcomes of 360° suture trabeculotomy with deep sclerectomy combined with cataract surgery for primary open angle glaucoma and coexisting cataract. <i>Clinical Ophthalmology</i> , 2014, 8, 1301.	1.8	11
31	Intraocular Pressure and Wound Status in Eyes Immediately After Scleral Tunnel Incision and Clear Corneal Incision Cataract Surgery. <i>American Journal of Ophthalmology</i> , 2014, 158, 232-241.	3.3	20
32	A simulated eye for vitreous surgery using Japanese quail eggs. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 1621-1624.	1.9	15
33	A case of self-insertion of a foreign object into the lacrimal sac. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 1443-1444.	1.9	2
34	Feasibility of using gelatin-microbial transglutaminase complex to repair experimental retinal detachment in rabbit eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 1109-1114.	1.9	20
35	Binocular visual function with a diffractive multifocal intraocular lens in patients with unilateral cataract. <i>Journal of Cataract and Refractive Surgery</i> , 2013, 39, 851-858.	1.5	15
36	Observation of Peripheral Retina by Topical Endoscopic Imaging Method"A Preliminary Study. <i>Ophthalmology and Therapy</i> , 2013, 2, 11-18.	2.3	3

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37	A Simple and Easy Method Using Rigid Endoscope to Detect Iridocorneal and Keratolenticular Adhesions in Peters' Anomaly. <i>Case Reports in Ophthalmology</i> , 2013, 4, 238-242.	0.7	0
38	Eccrine Hidrocystoma Arising at the Tarsal Plate during Childhood. <i>Case Reports in Ophthalmology</i> , 2013, 4, 61-63.	0.7	5
39	Use of an Ophthalmic Viscosurgical Device for Experimental Retinal Detachment in Rabbit Eyes. <i>Journal of Functional Biomaterials</i> , 2013, 4, 6-13.	4.4	3
40	Neuroprotective Effect of Small Interfering RNA Targeted to Caspase-3 on Rat Retinal Ganglion Cell Loss Induced by Ischemia and Reperfusion Injury. <i>Current Eye Research</i> , 2012, 37, 907-913.	1.5	10
41	In-the-bag scleral suturing of intraocular lens in eyes with severe zonular dehiscence. <i>Eye</i> , 2012, 26, 88-95.	2.1	10
42	Long-Term Effect of Surface Light Scattering and Glistenings of Intraocular Lenses on Visual Function. <i>American Journal of Ophthalmology</i> , 2012, 154, 240-251.e2.	3.3	58
43	Higher-order aberrations and visual function in pseudophakic eyes with a toric intraocular lens. <i>Journal of Cataract and Refractive Surgery</i> , 2012, 38, 1156-1165.	1.5	15
44	Viability of Topical Endoscopic Imaging System for Vitreous Surgery in Rabbit Eyes. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2012, 43, e64-7.	0.7	3
45	Long-Term Change in Corneal Astigmatism After Sutureless Cataract Surgery. <i>American Journal of Ophthalmology</i> , 2011, 151, 858-865.	3.3	41
46	Anterior capsule relaxing incisions with neodymium:YAG laser for patients at high-risk for anterior capsule contraction. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 97-103.	1.5	28
47	Cataract surgery in eyes with low corneal endothelial cell density. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 1419-1425.	1.5	49
48	Occurrence of capsular delamination in the dislocated in-the-bag intraocular lens. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 1409-1415.	1.9	12
49	Relapse of Vogt-Koyanagi-Harada Disease during Interferon- α and Ribavirin Therapy in a Case of Chronic Viral Hepatitis C. <i>Case Reports in Ophthalmology</i> , 2011, 2, 5-9.	0.7	6
50	Changes in choriocapillaris fenestration of rat eyes after intravitreal bevacizumab injection. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 1089-1094.	1.9	52
51	Changes in diabetic macular oedema after phacoemulsification surgery. <i>Eye</i> , 2009, 23, 389-396.	2.1	45
52	Patching retinal breaks with Seprafilm [®] in experimental rhegmatogenous retinal detachment of rabbit eyes. <i>Eye</i> , 2009, 23, 2256-2259.	2.1	14
53	Fluorescein and Indocyanine Green Angiographic Findings in Progressive Hemifacial Atrophy. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2009, 46, 56-58.	0.7	4
54	Severe retinal atrophy due to retinal and choroidal vascular occlusion following triamcinolone injection into the nasal mucosa. <i>Japanese Journal of Ophthalmology</i> , 2008, 52, 510-511.	1.9	7

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55	PLASMIN-ASSISTED VITRECTOMY FOR MANAGEMENT OF PROLIFERATIVE MEMBRANE IN PROLIFERATIVE DIABETIC RETINOPATHY. <i>Retina</i> , 2007, 27, 1074-1078.	1.7	39
56	Possible Predisposing Factors for In-the-Bag and Out-of-the-Bag Intraocular Lens Dislocation and Outcomes of Intraocular Lens Exchange Surgery. <i>Ophthalmology</i> , 2007, 114, 969-975.	5.2	201
57	Autologous Plasmin-Assisted Vitrectomy for Stage 5 Retinopathy of Prematurity: A Preliminary Trial. <i>American Journal of Ophthalmology</i> , 2007, 144, 139-141.	3.3	48
58	Y-27632, a Rho-associated protein kinase inhibitor, attenuates neuronal cell death after transient retinal ischemia. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 246, 51-59.	1.9	43
59	Fracture of intraocular forceps during vitrectomy. <i>Acta Ophthalmologica</i> , 2006, 85, 223-223.	0.3	0
60	Choroidal dye filling velocity in patients with Vogt-Koyanagi-Harada disease. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 1056-1059.	1.9	15
61	Posterior Vitreous Detachment Induced by Nattokinase (Subtilisin NAT): A Novel Enzyme for Pharmacologic Vitreolysis. , 2006, 47, 2075.		49
62	A case of Chandler's syndrome revealed by ultrastructural studies of the trabecular meshwork. <i>Acta Ophthalmologica</i> , 2005, 83, 113-114.	0.3	1
63	Vitreous fluid levels of β -amyloid(1-42) and tau in patients with retinal diseases. <i>Japanese Journal of Ophthalmology</i> , 2005, 49, 106-108.	1.9	153
64	Expression of a Chondroitin Sulfate Proteoglycan, Versican (PG-M), During Development of Rat Cornea. <i>Current Eye Research</i> , 2005, 30, 455-463.	1.5	19
65	Transthyretin synthesis in rabbit ciliary pigment epithelium. <i>Experimental Eye Research</i> , 2005, 81, 306-312.	2.6	64
66	Ocular Amyloid Angiopathy Associated with Familial Amyloidotic Polyneuropathy Caused by Amyloidogenic Transthyretin Y114C. <i>Ophthalmology</i> , 2005, 112, 2212.e1-2212.e8.	5.2	36
67	Trans-Tenon Retrobulbar Triamcinolone Injection for Macular Edema Associated With Branch Retinal Vein Occlusion Remaining After Vitrectomy. <i>American Journal of Ophthalmology</i> , 2005, 140, 540-542.	3.3	14
68	Intravitreal Plasmin Injection Activates Endogenous Matrix Metalloproteinase-2 in Rabbit and Human Vitreous. <i>American Journal of Ophthalmology</i> , 2005, 140, 654-660.	3.3	46
69	The Effect of Subtenon Triamcinolone Acetonide Injection for Diabetic Macular Edema on Retinal and Choroidal Circulation. <i>American Journal of Ophthalmology</i> , 2005, 140, 948-949.	3.3	9
70	A case of bilateral central retinal artery obstruction with patent foramen ovale. <i>Acta Ophthalmologica</i> , 2004, 82, 111-112.	0.3	17
71	Targeted conversion of the transthyretin gene in vitro and in vivo. <i>Gene Therapy</i> , 2004, 11, 838-846.	4.5	54
72	Morphological damage in rabbit retina caused by subretinal injection of indocyanine green. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2004, 242, 158-164.	1.9	36

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73	Ruptured internal limiting membrane associated with blunt trauma revealed by indocyanine green staining. Graefe's Archive for Clinical and Experimental Ophthalmology, 2004, 242, 527-530.	1.9	18
74	A case of vitreous amyloidosis without systemic symptoms in familial amyloidotic polyneuropathy. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2004, 11, 257-259.	3.0	30
75	Elevated erythropoietin in vitreous with ischemic retinal diseases. NeuroReport, 2004, 15, 877-879.	1.2	54
76	Long-term alteration in the air-infused rabbit retina. , 2003, 241, 314-320.		10
77	Lens epithelium-derived growth factor: neuroprotection on rat retinal damage induced by N-methyl-d-aspartate. Brain Research, 2003, 991, 163-170.	2.2	13
78	Mitomycin C trabeculectomy in an eye with cicatricial conjunctiva following amniotic membrane transplantation. Acta Ophthalmologica, 2003, 81, 673-674.	0.3	4
79	Surgical treatment of complete anterior capsule contraction after cataract surgery. Acta Ophthalmologica, 2003, 82, 461-462.	0.3	2
80	Vitreous opacities and outcome of vitreous surgery in patients with familial amyloidotic polyneuropathy. American Journal of Ophthalmology, 2003, 135, 188-193.	3.3	65
81	Persistent subretinal indocyanine green induces retinal pigment epithelium atrophy. American Journal of Ophthalmology, 2003, 136, 353-355.	3.3	62
82	A case of primary B-cell type Non-Hodgkin lymphoma originating in the iris. American Journal of Ophthalmology, 2003, 136, 380-382.	3.3	28
83	Neuroprotective effects of interleukin-6 on NMDA-induced rat retinal damage. Biochemical and Biophysical Research Communications, 2003, 302, 226-232.	2.1	39
84	Expression of glycosaminoglycans during development of the rat retina. Current Eye Research, 2003, 27, 75-83.	1.5	8
85	Secondary Glaucoma in Patients With Familial Amyloidotic Polyneuropathy. JAMA Ophthalmology, 2003, 121, 351.	2.4	56
86	NEW INFUSION CANNULA FOR PREVENTION OF RETINAL DAMAGE BY INFUSION AIR DURING VITRECTOMY. Retina, 2003, 23, 682-685.	1.7	10
87	Amyloid deposition in ocular tissues of patients with familial amyloidotic polyneuropathy (FAP). Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2002, 9, 183-189.	3.0	36
88	Intraocular infiltration of adult T-cell leukemia. American Journal of Ophthalmology, 2002, 134, 616-618.	3.3	11
89	Coinduction of Nitric Oxide Synthase and Arginine Metabolic Enzymes in Endotoxin-induced Uveitis Rats. Experimental Eye Research, 2002, 75, 659-667.	2.6	38
90	Fundus changes corresponding to visual field defects after vitrectomy for macular hole. Ophthalmology, 2001, 108, 1638-1643.	5.2	38

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91	Effect of infusion air pressure on visual field defects after macular hole surgery. American Journal of Ophthalmology, 2000, 130, 611-616.	3.3	96
92	Membrane Active Lipids in Remnant Lipoproteins Cause Impairment of Endothelium-Dependent Vasorelaxation. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 1918-1924.	2.4	52
93	Morphological changes of choriocapillaris in experimentally induced chick myopia. Graefe's Archive for Clinical and Experimental Ophthalmology, 1998, 236, 132-137.	1.9	77
94	Lacquer crack lesions in experimental chick myopia. Graefe's Archive for Clinical and Experimental Ophthalmology, 1998, 236, 138-145.	1.9	35
95	Cytoplasmic Ca ²⁺ mobilization and Ca ²⁺ -dependent membrane currents in dispersed bovine ciliary muscle cells. Current Eye Research, 1997, 16, 436-444.	1.5	5