

# Etsuo Chihara

## List of Publications by Year in descending order

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66  
papers

2,167  
citations

257357

24  
h-index

265120

42  
g-index

67  
all docs

67  
docs citations

67  
times ranked

2191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Retinal Optical Coherence Tomography Angiography in Patients With Diabetes Without Diabetic Retinopathy. , 2017, 58, 190.		247
2	Assessment of True Intraocular Pressure: The Gap Between Theory and Practical Data. Survey of Ophthalmology, 2008, 53, 203-218.	1.7	163
3	Severe Myopia as a Risk Factor for Progressive Visual Field Loss in Primary Open-Angle Glaucoma. Ophthalmologica, 1997, 211, 66-71.	1.0	155
4	Retinal Nerve Fiber Layer Defect as an Early Manifestation of Diabetic Retinopathy. Ophthalmology, 1993, 100, 1147-1151.	2.5	149
5	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. Nature Genetics, 2017, 49, 993-1004.	9.4	114
6	Diabetes-associated Retinal Nerve Fiber Damage Evaluated With Scanning Laser Polarimetry. American Journal of Ophthalmology, 2006, 142, 88-94.	1.7	113
7	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. Nature Genetics, 2015, 47, 387-392.	9.4	97
8	Impact of high myopia on the performance of SD-OCT parameters to detect glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1843-1849.	1.0	70
9	Surgical Outcome of Combined Trabeculotomy and Cataract Surgery. Journal of Glaucoma, 2001, 10, 302-308.	0.8	63
10	Atypical Nerve Fiber Layer Defects in High Myopes With High-Tension Glaucoma. JAMA Ophthalmology, 1990, 108, 228.	2.6	54
11	Discriminatory Power of Superficial Vessel Density and Prelaminar Vascular Flow Index in Eyes With Glaucoma and Ocular Hypertension and Normal Eyes. , 2017, 58, 690.		54
12	Comparison of surgical outcomes of combined viscocanalostomy and cataract surgery with combined trabeculotomy and cataract surgery. American Journal of Ophthalmology, 2002, 134, 513-520.	1.7	49
13	Parameters associated with papillomacular bundle defects in glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 1992, 230, 511-517.	1.0	44
14	Covariation of optic disc measurements and ocular parameters in the healthy eye. Graefe's Archive for Clinical and Experimental Ophthalmology, 1994, 232, 265-271.	1.0	37
15	Effects of TraniLAST on Filtering Blebs: A Pilot Study. Journal of Glaucoma, 2002, 11, 127-133.	0.8	36
16	Resorption of subretinal fluid by transepithelial flow of the retinal pigment epithelium. Graefe's Archive for Clinical and Experimental Ophthalmology, 1985, 223, 202-204.	1.0	35
17	Factors Leading to Reduced Intraocular Pressure After Combined Trabeculotomy and Cataract Surgery. Journal of Glaucoma, 2002, 11, 3-9.	0.8	35
18	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

#	ARTICLE	IF	CITATIONS
19	Impact of Diabetic Retinopathy on Quantitative Retinal Nerve Fiber Layer Measurement and Glaucoma Screening. , 2008, 49, 687.		31
20	A 3-Year Follow-Up Study of Ocular Hypertension by Pattern Electroretinogram. <i>Ophthalmologica</i> , 1993, 207, 187-195.	1.0	30
21	Ultrasound Biomicroscopy of Intrasclear Lake after Visco canalostomy and Cataract Surgery. <i>Journal of Glaucoma</i> , 2004, 13, 472-478.	0.8	29
22	Preservation of corneal endothelium after pars plana tube insertion of the Ahmed glaucoma valve. <i>Japanese Journal of Ophthalmology</i> , 2012, 56, 119-127.	0.9	29
23	Impairment of Protein Synthesis in the Retinal Tissue in Diabetic Rabbits: Secondary Reduction of Fast Axonal Transport. <i>Journal of Neurochemistry</i> , 1981, 37, 247-250.	2.1	28
24	Increase in the OCT angiographic peripapillary vessel density by ROCK inhibitor ripasudil instillation: a comparison with brimonidine. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 1257-1264.	1.0	28
25	Apparent cleavage of the retinal nerve fiber layer in asymptomatic eyes with high myopia. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1992, 230, 416-420.	1.0	27
26	Egress route of emulsified 20 centistokes silicone oil from anterior chamber of rabbit. <i>Current Eye Research</i> , 1994, 13, 489-495.	0.7	27
27	Reduced protein synthesis in diabetic retina and secondary reduction of slow axonal transport. <i>Brain Research</i> , 1982, 250, 363-366.	1.1	26
28	Phaco-viscocalostomy versus Phaco-trabeculotomy. <i>Journal of Glaucoma</i> , 2006, 15, 456-461.	0.8	24
29	Trabeculotomy Ab Externo: An Alternative Treatment in Adult Patients With Primary Open-Angle Glaucoma. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 1993, 24, 735-739.	0.4	24
30	Phacoviscocalostomy versus cataract surgery only in patients with coexisting normal-tension glaucoma: Midterm outcomes. <i>Journal of Cataract and Refractive Surgery</i> , 2007, 33, 1209-1216.	0.7	23
31	Implication of Deep-Vascular-Layer Alteration Detected by Optical Coherence Tomography Angiography for the Pathogenesis of Diabetic Retinopathy. <i>Ophthalmologica</i> , 2019, 241, 179-182.	1.0	22
32	Preservation of Nerve Fiber Layer by Retinal Vessels in Glaucoma. <i>Ophthalmology</i> , 1992, 99, 208-214.	2.5	17
33	Analysis of orthograde fast axonal transport and nonaxonal transport along the optic pathway of albino rabbits during increased and decreased intraocular pressure. <i>Experimental Eye Research</i> , 1981, 32, 229-239.	1.2	16
34	Topographic changes in the optic disc in eyes with cotton-wool spots and primary open-angle glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1991, 229, 13-18.	1.0	16
35	Multiple defects in the retinal nerve fiber layer in glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1992, 230, 201-205.	1.0	16
36	Comparison of Optic Disc Topography Measured by Retinal Thickness Analyzer with Measurement by Heidelberg Retina Tomograph II. <i>Japanese Journal of Ophthalmology</i> , 2003, 47, 214-220.	0.9	16

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37	Association of Rare <i>CYP39A1</i> Variants With Exfoliation Syndrome Involving the Anterior Chamber of the Eye. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 753.	3.8	16
38	Recurrent Macular Detachment and Retinoschisis Associated with Intrachoroidal Cavitation in a Normal Eye. <i>Case Reports in Ophthalmology</i> , 2012, 3, 169-174.	0.3	15
39	Two cases of intraoperative anterior chamber angle observation using ophthalmic endoscope in viscocanalostomy. <i>American Journal of Ophthalmology</i> , 2004, 138, 1060-1063.	1.7	14
40	Relation Between the Volume of the Lake and Intraocular Pressure Reduction After Nonfiltering Glaucoma Surgery. <i>Journal of Glaucoma</i> , 2011, 20, 497-501.	0.8	13
41	Does the Adjunctive Peeling of Juxtacanalicular Tissue Affect the Outcome of Two-Site Phaco-Viscocanalostomy?. <i>Journal of Glaucoma</i> , 2005, 14, 224-229.	0.8	11
42	Modified Deep Sclerectomy (D-lectomy MMC) for Primary Open-angle Glaucoma. <i>Journal of Glaucoma</i> , 2009, 18, 132-139.	0.8	11
43	Myopia and diabetes mellitus as modificatory factors of glaucomatous optic neuropathy. <i>Japanese Journal of Ophthalmology</i> , 2014, 58, 16-25.	0.9	11
44	Treatment of Mooren's Ulcer by Conjunctival Excision. <i>Ophthalmologica</i> , 1979, 179, 258-264.	1.0	9
45	Different modes of intraocular pressure reduction after three different nonfiltering surgeries and trabeculectomy. <i>Japanese Journal of Ophthalmology</i> , 2011, 55, 107-114.	0.9	9
46	Outcome of White Pump Shunt Surgery for Neovascular Glaucoma in Asians. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 1992, 23, 666-671.	0.4	9
47	Assessment of optic disc topography with scanning laser ophthalmoscope. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1993, 231, 1-6.	1.0	7
48	Abnormalities of scanning laser polarimetry associated with pituitary adenoma. <i>American Journal of Ophthalmology</i> , 2003, 135, 565-567.	1.7	7
49	Serum low-density lipoprotein cholesterol level is strong risk factor for acquired color vision impairment in young to middle-aged Japanese men: The Okubo Color Study Report 2. <i>Atherosclerosis</i> , 2010, 210, 542-547.	0.4	7
50	Axonal transport in mdx mouse sciatic nerve. <i>Journal of the Neurological Sciences</i> , 1989, 92, 267-279.	0.3	6
51	Safety and effectiveness of gold glaucoma micro shunt for reducing intraocular pressure in Japanese patients with open angle glaucoma. <i>Japanese Journal of Ophthalmology</i> , 2017, 61, 388-394.	0.9	6
52	Are Middle-Age Blood Pressure Levels Related to Color Vision Impairment? The Okubo Color Study. <i>American Journal of Hypertension</i> , 2015, 28, 98-105.	1.0	5
53	Effect of a Fenestration Between an Intrasclear Lake and Supraciliary Space on Deep Sclerectomy. <i>Journal of Glaucoma</i> , 2016, 25, e299-e307.	0.8	4
54	Turn Back Elevation of Once Reduced IOP After Trabeculectomy Ab Externo and Kahook Dual Blade Surgeries Combined with Cataract Surgery. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 4359-4368.	0.9	4

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55	Overestimation of corneal endothelial cell density by automated method in glaucomatous eyes with impaired corneal endothelial cells. <i>International Ophthalmology</i> , 2022, 42, 133-145.	0.6	4
56	Characterization of the Steady-State Mg <sup>2+</sup> -Dependent Adenosine 5'-Triphosphatase of Bovine Brain Kinesin in the Absence of Microtubules.. <i>Journal of Clinical Biochemistry and Nutrition</i> , 1991, 10, 1-14.	0.6	4
57	Association of the CYP39A1 G204E Genetic Variant with Increased Risk of Glaucoma and Blindness in Patients with Exfoliation Syndrome. <i>Ophthalmology</i> , 2022, 129, 406-413.	2.5	4
58	Risk Factors for Uncontrolled Intraocular Pressure After Phacoviscocanalostomy. <i>Journal of Glaucoma</i> , 2008, 17, 431-435.	0.8	3
59	Müller cell cone-associated foveal detachment as a risk factor for visual acuity loss after glaucoma filtering surgery. <i>Retina</i> , 2021, Publish Ahead of Print, 2571-2577.	1.0	3
60	Recovery of fast axonal transport and retinal protein synthesis in the rabbits after intraocular administration of vinblastine. <i>Brain Research</i> , 1982, 241, 179-181.	1.1	2
61	Prospective Evaluation of Factors Associated With Post-LASIK Corneal Birefringence With Scanning Laser Polarimetry. <i>Journal of Glaucoma</i> , 2007, 16, 137-145.	0.8	2
62	Ocular Hypotension and Epiretinal Membrane as Risk Factors for Visual Deterioration Following Glaucoma Filtering Surgery. <i>Journal of Glaucoma</i> , 2021, 30, 515-525.	0.8	2
63	Optic nerve damage in glaucoma. <i>Survey of Ophthalmology</i> , 1982, 27, 140-141.	1.7	1
64	Synthesis of glycosaminoglycans by chick retinal pigment epithelium in vitro. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1984, 222, 45-50.	1.0	1
65	Metabolism of Glycoproteins in Cultured Retinal Pigment Epithelium. <i>Ophthalmic Research</i> , 1986, 18, 104-111.	1.0	1
66	Distribution of sulfhydryl and disulfide groups in ocular tissues.. <i>Acta Histochemica Et Cytochemica</i> , 1984, 17, 427-433.	0.8	0