

Tadamichi Akagi

List of Publications by Year in descending order

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59
papers

2,349
citations

304368

22
h-index

264894

42
g-index

59
all docs

59
docs citations

59
times ranked

1811
citing authors

#	ARTICLE	IF	CITATIONS
1	Association between topical β_2 -blocker use and asthma attacks in glaucoma patients with asthma: a cohort study using a claims database. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 271-280.	1.0	5
2	Relationship between Intraocular Pressure and Coffee Consumption in a Japanese Population without Glaucoma. <i>Ophthalmology Glaucoma</i> , 2021, 4, 268-276.	0.9	4
3	Prediction of trabecular meshwork-targeted micro-invasive glaucoma surgery outcomes using anterior segment OCT angiography. <i>Scientific Reports</i> , 2021, 11, 17850.	1.6	10
4	Longitudinal changes in complete avascular area assessed using anterior segmental optical coherence tomography angiography in filtering trabeculectomy bleb. <i>Scientific Reports</i> , 2021, 11, 23418.	1.6	2
5	Association between Rates of Retinal Nerve Fiber Layer Thinning after Intraocular Pressure "Lowering Procedures and Disc Hemorrhage. <i>Ophthalmology Glaucoma</i> , 2020, 3, 7-13.	0.9	4
6	Longitudinal changes in superficial microvasculature in glaucomatous retinal nerve fiber layer defects after disc hemorrhage. <i>Scientific Reports</i> , 2020, 10, 22058.	1.6	12
7	Short-Term Effects of Different Types of Anti-Glaucoma Eyedrop on the Sclero-Conjunctival Vasculature Assessed Using Anterior Segment OCTA in Normal Human Eyes: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 4016.	1.0	9
8	Anterior Segment Optical Coherence Tomography Angiography Imaging of Conjunctiva and Intrasclera in Treated Primary Open-Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2019, 208, 313-322.	1.7	16
9	Macula Vessel Density and Thickness in Early Primary Open-Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2019, 199, 120-132.	1.7	87
10	Optical Coherence Tomography Angiography Macular Vascular Density Measurements and the Central 10-2 Visual Field in Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 481-489.	0.8	98
11	Progression of Primary Open-Angle Glaucoma in Diabetic and Nondiabetic Patients. <i>American Journal of Ophthalmology</i> , 2018, 189, 1-9.	1.7	30
12	Comparative outcomes of trabeculotomy ab externo versus trabecular ablation ab interno for open angle glaucoma. <i>Japanese Journal of Ophthalmology</i> , 2018, 62, 201-208.	0.9	20
13	Association of Bruch's membrane opening and optic disc morphology to axial length and visual field defects in eyes with primary open-angle glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 599-610.	1.0	12
14	The Association Between Macula and ONH Optical Coherence Tomography Angiography (OCT-A) Vessel Densities in Glaucoma, Glaucoma Suspect, and Healthy Eyes. <i>Journal of Glaucoma</i> , 2018, 27, 227-232.	0.8	42
15	Reply. <i>Ophthalmology</i> , 2018, 125, e22-e23.	2.5	0
16	Baerveldt or Ahmed glaucoma valve implantation with pars plana tube insertion in Japanese eyes with neovascular glaucoma: 1-year outcomes. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 2439-2449.	0.9	7
17	Evaluation of Structure-Function Relationships in Longitudinal Changes of Glaucoma using the Spectralis OCT Follow-Up Mode. <i>Scientific Reports</i> , 2018, 8, 17158.	1.6	10
18	Visualization of the Lamina Cribrosa Microvasculature in Normal and Glaucomatous Eyes: A Swept-source Optical Coherence Tomography Angiography Study. <i>Journal of Glaucoma</i> , 2018, 27, 1032-1035.	0.8	17

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19	Pilot study assessing the structural changes in posttrabecular aqueous humor outflow pathway after trabecular meshwork surgery using swept-source optical coherence tomography. PLoS ONE, 2018, 13, e0199739.	1.1	12
20	Lacrimal Canaliculus Imaging Using Optical Coherence Tomography Dacryography. Scientific Reports, 2018, 8, 9808.	1.6	8
21	Association between Rates of Retinal Nerve Fiber Layer Thinning and Previous Disc Hemorrhage in Glaucoma. Ophthalmology Glaucoma, 2018, 1, 23-31.	0.9	7
22	Conjunctival and Intrasceral Vasculatures Assessed Using Anterior Segment Optical Coherence Tomography Angiography in Normal Eyes. American Journal of Ophthalmology, 2018, 196, 1-9.	1.7	79
23	Optic disc microvasculature dropout in primary open-angle glaucoma measured with optical coherence tomography angiography. PLoS ONE, 2018, 13, e0201729.	1.1	26
24	Deep-Layer Microvasculature Dropout by Optical Coherence Tomography Angiography and Microstructure of Parapapillary Atrophy. , 2018, 59, 1996.		29
25	Peripapillary and Macular Vessel Density in Patients with Glaucoma and Single-Hemifield Visual Field Defect. Ophthalmology, 2017, 124, 709-719.	2.5	202
26	Rates of Local Retinal Nerve Fiber Layer Thinning before and after Disc Hemorrhage in Glaucoma. Ophthalmology, 2017, 124, 1403-1411.	2.5	36
27	Reproducibility of Optical Coherence Tomography Angiography Macular and Optic Nerve Head Vascular Density in Glaucoma and Healthy Eyes. Journal of Glaucoma, 2017, 26, 851-859.	0.8	106
28	Progressive Macula Vessel Density Loss in Primary Open-Angle Glaucoma: A Longitudinal Study. American Journal of Ophthalmology, 2017, 182, 107-117.	1.7	165
29	Retinal Blood Flow Velocity Change in Parafoveal Capillary after Topical Tafluprost Treatment in Eyes with Primary Open-angle Glaucoma. Scientific Reports, 2017, 7, 5019.	1.6	16
30	Longitudinal change in choroidal thickness after trabeculectomy in primary open-angle glaucoma patients. Japanese Journal of Ophthalmology, 2017, 61, 105-112.	0.9	15
31	Clustering of Combined 24-2 and 10-2 Visual Field Grids and Their Relationship With Circumpapillary Retinal Nerve Fiber Layer Thickness. , 2016, 57, 3203.		9
32	Morphological changes after trabeculectomy in highly myopic eyes with high intraocular pressure by using swept-source optical coherence tomography. American Journal of Ophthalmology Case Reports, 2016, 3, 54-60.	0.4	7
33	Reply. American Journal of Ophthalmology, 2016, 170, 248-249.	1.7	0
34	Glaucoma Tube Changes After Suture Lysis Assessed by High-Resolution Anterior Segment Optical Coherence Tomography. JAMA Ophthalmology, 2016, 134, e153674.	1.4	5
35	Microvascular Density in Glaucomatous Eyes With Hemifield Visual Field Defects: An Optical Coherence Tomography Angiography Study. American Journal of Ophthalmology, 2016, 168, 237-249.	1.7	204
36	Structural dissociation of optic disc margin components with optic disc tilting: a spectral domain optical coherence tomography study. Graefes Archive for Clinical and Experimental Ophthalmology, 2016, 254, 343-349.	1.0	11

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37	Microstructure of Peripapillary Atrophy and Subsequent Visual Field Progression in Treated Primary Open-Angle Glaucoma. <i>Ophthalmology</i> , 2016, 123, 542-551.	2.5	61
38	Transient Ciliochoroidal Detachment After Ab Interno Trabeculotomy for Open-Angle Glaucoma. <i>JAMA Ophthalmology</i> , 2016, 134, 304.	1.4	27
39	Association between the CDKN2B-AS1 Gene and Primary Open Angle Glaucoma with High Myopia in Japanese Patients. <i>Ophthalmic Genetics</i> , 2016, 37, 242-244.	0.5	4
40	Sensitivity and specificity for detecting early glaucoma in eyes with high myopia from normative database of macular ganglion cell complex thickness obtained from normal non-myopic or highly myopic Asian eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 1143-1152.	1.0	36
41	Comparison of Longitudinal Changes in Functional and Structural Measures for Evaluating Progression of Glaucomatous Optic Neuropathy. , 2015, 56, 5477.		18
42	Microcystic Inner Nuclear Layer Changes and Retinal Nerve Fiber Layer Defects in Eyes with Glaucoma. <i>PLoS ONE</i> , 2015, 10, e0130175.	1.1	38
43	Lamina Cribrosa Defects and Optic Disc Morphology in Primary Open Angle Glaucoma with High Myopia. <i>PLoS ONE</i> , 2014, 9, e115313.	1.1	53
44	Alterations in the Neural and Connective Tissue Components of Glaucomatous Cupping After Glaucoma Surgery Using Swept-Source Optical Coherence Tomography. , 2014, 55, 477.		45
45	Recent advances in OCT imaging of the lamina cribrosa. <i>British Journal of Ophthalmology</i> , 2014, 98, ii34-ii39.	2.1	69
46	Asymmetry Analysis of Macular Inner Retinal Layers for Glaucoma Diagnosis. <i>American Journal of Ophthalmology</i> , 2014, 158, 1318-1329.e3.	1.7	53
47	Frequency-doubling technology and retinal measurements with spectral-domain optical coherence tomography in preperimetric glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 129-137.	1.0	32
48	Peripapillary Scleral Deformation and Retinal Nerve Fiber Damage in High Myopia Assessed With Swept-Source Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , 2013, 155, 927-936.e1.	1.7	55
49	Three-Dimensional Imaging of Lamina Cribrosa Defects in Glaucoma Using Swept-Source Optical Coherence Tomography. , 2013, 54, 4798.		89
50	Retinal Nerve Fiber Layer Defects in Highly Myopic Eyes with Early Glaucoma. , 2012, 53, 6472.		90
51	Wide 3-Dimensional Macular Ganglion Cell Complex Imaging with Spectral-Domain Optical Coherence Tomography in Glaucoma. , 2012, 53, 4805.		37
52	In Vivo Imaging of Lamina Cribrosa Pores by Adaptive Optics Scanning Laser Ophthalmoscopy. , 2012, 53, 4111.		58
53	Biometric Features of Peripapillary Atrophy Beta in Eyes with High Myopia. , 2011, 52, 6706.		28
54	A case of cyclosporine-induced optic neuropathy with a normal therapeutic level of cyclosporine. <i>Japanese Journal of Ophthalmology</i> , 2010, 54, 102-104.	0.9	13

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55	Cause and prognosis of neurologically isolated third, fourth, or sixth cranial nerve dysfunction in cases of oculomotor palsy. Japanese Journal of Ophthalmology, 2008, 52, 32-35.	0.9	75
56	Iris-Derived Cells from Adult Rodents and Primates Adopt Photoreceptor-Specific Phenotypes. , 2005, 46, 3411.		41
57	Photoreceptors Derived from Adult Iris Tissue: Prospects for Retinal Transplantation. Seminars in Ophthalmology, 2005, 20, 11-15.	0.8	3
58	Otx2Homeobox Gene Induces Photoreceptor-Specific Phenotypes in Cells Derived from Adult Iris and Ciliary Tissue. , 2004, 45, 4570.		57
59	Different characteristics of rat retinal progenitor cells from different culture periods. Neuroscience Letters, 2003, 341, 213-216.	1.0	45