

Takayuki Baba

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,294
citations

489802

18
h-index

445137

33
g-index

75
all docs

75
docs citations

75
times ranked

1617
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of surgeon-related factors on outcome of retinal detachment surgery: analyses of data in Japan-retinal detachment registry. <i>Scientific Reports</i> , 2022, 12, 4213.	1.6	3
2	Sodium-Glucose Co-Transporter 2 Inhibitors Reduce Macular Edema in Patients with Diabetes mellitus. <i>Life</i> , 2022, 12, 692.	1.1	5
3	Long-term follow-up of retinal morphology and physiology after 2000mg sildenafil overdose as a means of attempted suicide: a case report. <i>BMC Ophthalmology</i> , 2022, 22, 216.	0.6	2
4	Evaluating the efficacy and safety of transdermal electrical stimulation on the visual functions of patients with retinitis pigmentosa: a clinical trial protocol for a prospective, multicentre, randomised, double-masked and sham-controlled design (ePICO trial). <i>BMJ Open</i> , 2022, 12, e057193.	0.8	3
5	Randomized clinical trial comparing intravitreal aflibercept combined with subthreshold laser to intravitreal aflibercept monotherapy for diabetic macular edema. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
6	Case report: Partial visual recovery from incomplete traumatic optic nerve avulsion caused by a badminton shuttle. <i>American Journal of Ophthalmology Case Reports</i> , 2022, 27, 101624.	0.4	2
7	Progression Rate of Visual Function and Affecting Factors at Different Stages of Retinitis Pigmentosa. <i>BioMed Research International</i> , 2022, 2022, 1-8.	0.9	3
8	Visual outcomes after surgery for primary rhegmatogenous retinal detachment in era of microincision vitrectomy: Japan-Retinal Detachment Registry Report IV. <i>British Journal of Ophthalmology</i> , 2021, 105, 227-232.	2.1	20
9	Comparisons of surgical outcomes after epiretinal membrane peeling in the myopic eyes with long to that with normal axial length. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 593-599.	1.0	0
10	Comparison of Internal Limiting Membrane Peeling and Flap Removal to Flap Insertion on Visual Outcomes in Highly Myopic Eyes with Macular-Hole Retinal Detachment. <i>Ophthalmologica</i> , 2021, 244, 110-117.	1.0	1
11	Worsening of Retinal Detachment after Cataract Surgery in the Eye with Persistent Fetal Vasculature. <i>Case Reports in Medicine</i> , 2021, 2021, 1-4.	0.3	0
12	Surgical outcomes of vitrectomy for breakthrough vitreous hemorrhage in eyes with exudative age-related macular degeneration. <i>International Ophthalmology</i> , 2021, 41, 1835-1844.	0.6	4
13	Comparisons of One to Three Monthly Injections of Aflibercept for Diabetic Macular Edema by Practical Protocol. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-8.	1.0	5
14	Characteristics and surgical outcomes of rhegmatogenous retinal detachments that develop after intravitreal injections. <i>Japanese Journal of Ophthalmology</i> , 2021, 65, 492-496.	0.9	1
15	Relationship between retinal sensitivities and optical coherence tomographic findings in eyes with myopic chorioretinal atrophy. <i>European Journal of Ophthalmology</i> , 2021, , 112067212110080.	0.7	1
16	Refractive errors after sutureless intrascleral fixation of intraocular lens. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 3003-3009.	1.0	7
17	Partial detachment of internal limiting membrane flap and spontaneous re-covering of macular hole by flap. <i>American Journal of Ophthalmology Case Reports</i> , 2021, 22, 101089.	0.4	2
18	Effects of Cataract Surgery on Vision-Related Quality of Life in Patients with Retinitis Pigmentosa and the Predictive Factors of Quality of Life Improvement. <i>BioMed Research International</i> , 2021, 2021, 1-6.	0.9	8

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19	Detecting Diabetic Retinal Neuropathy Using Fundus Perimetry. International Journal of Molecular Sciences, 2021, 22, 10726.	1.8	4
20	Regional and sex differences in retinal detachment surgery: Japan-retinal detachment registry report. Scientific Reports, 2021, 11, 20611.	1.6	4
21	The Impact of Cataract Surgery on Contrast Visual Acuity and Retinal Sensitivity in Patients with Retinitis Pigmentosa. Journal of Ophthalmology, 2021, 2021, 1-6.	0.6	5
22	REGIONAL DENSITIES OF RETINAL CAPILLARIES AND RETINAL SENSITIVITIES AFTER MACULAR HOLE SURGERY WITH INTERNAL LIMITING MEMBRANE PEELING. Retina, 2020, 40, 1585-1591.	1.0	12
23	Sodium-Glucose Cotransporter 2 Inhibitors Improve Chronic Diabetic Macular Edema. Case Reports in Ophthalmological Medicine, 2020, 2020, 1-6.	0.3	10
24	Effects of Switching from Anti-VEGF Treatment to Triamcinolone Acetonide in Eyes with Refractory Macular Edema Associated with Diabetic Retinopathy or Retinal Vein Occlusion. BioMed Research International, 2020, 2020, 1-11.	0.9	10
25	Long-Term Effects of Half-Time Photodynamic Therapy on Retinal Sensitivity in Eyes with Chronic Central Serous Chorioretinopathy. BioMed Research International, 2020, 2020, 1-10.	0.9	8
26	Outcomes of Vitrectomy Combined with Scleral Buckling for Eyes with Early Recurrence of Simple Rhegmatogenous Retinal Detachment Previously Treated by Pars Plana Vitrectomy. Journal of Ophthalmology, 2020, 2020, 1-7.	0.6	4
27	Two cases with retinitis pigmentosa that developed severe retinal atrophy long after vitreo-retinal surgery. American Journal of Ophthalmology Case Reports, 2020, 18, 100716.	0.4	2
28	Concurrent Phacoemulsification and Encircling for Hypotony Maculopathy after Blunt Trauma. Case Reports in Medicine, 2020, 2020, 1-3.	0.3	0
29	The Use of Inner Retinectomy to Relieve Inner Retinal Foreshortening Causing Retinal Detachment in the Setting of Branch Retinal Vein Occlusion. Case Reports in Ophthalmological Medicine, 2020, 2020, 1-5.	0.3	0
30	Comparison of the Efficacy of Sub-Tenon versus Intravitreal Triamcinolone Acetonide Injection during Cataract Surgery for Diabetic Macular Edema. Ophthalmologica, 2019, 241, 17-23.	1.0	13
31	Acute Posterior Multifocal Placoid Pigment Epitheliopathy Sharing Characteristic OCT Findings of Vogt-Koyanagi-Harada Disease. Case Reports in Ophthalmological Medicine, 2019, 2019, 1-6.	0.3	8
32	Clinical Trial to Evaluate Safety and Efficacy of Transdermal Electrical Stimulation on Visual Functions of Patients with Retinitis Pigmentosa. Scientific Reports, 2019, 9, 11668.	1.6	14
33	Determination of Length of Interdigitation Zone by Optical Coherence Tomography and Retinal Sensitivity by Microperimetry and Their Relationship to Progression of Retinitis Pigmentosa. BioMed Research International, 2019, 2019, 1-6.	0.9	12
34	Pathogenesis and Management of Macular Hole: Review of Current Advances. Journal of Ophthalmology, 2019, 2019, 1-7.	0.6	33
35	In vivo effects of single or combined topical neuroprotective and regenerative agents on degeneration of retinal ganglion cells in rat optic nerve crush model. Scientific Reports, 2019, 9, 101.	1.6	23
36	Reduction of Optic Disc Oedema by Bortezomib and Dexamethasone Followed by Autologous Peripheral Blood Stem Cell Transplantation in Patient with POEMS Syndrome. Neuro-Ophthalmology, 2018, 42, 25-30.	0.4	3

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37	Study of foveal avascular zone by OCTA before and after idiopathic epiretinal membrane removal. Spektrum Der Augenheilkunde, 2018, 32, 31-38.	0.2	9
38	Comparisons of Visual and Surgical Outcomes after Reuse or Replacement of Dislocated in-the-Bag Intraocular Lens. Journal of Ophthalmology, 2018, 2018, 1-4.	0.6	4
39	Diabetic corneal neuropathy: clinical perspectives. Clinical Ophthalmology, 2018, Volume 12, 981-987.	0.9	49
40	Changes in subfoveal choroidal thickness and reduction of serum levels of vascular endothelial growth factor in patients with POEMS syndrome. British Journal of Ophthalmology, 2017, 101, 786-790.	2.1	11
41	Characteristics of patients with spontaneous dislocation of in-the-bag intraocular lens after pars plana vitrectomy. Japanese Journal of Ophthalmology, 2017, 61, 267-270.	0.9	11
42	Functional and Morphologic Outcomes after Reoperation for Persistent Idiopathic Macular Hole. European Journal of Ophthalmology, 2017, 27, 231-234.	0.7	8
43	SUPERFICIAL FOVEAL AVASCULAR ZONE DETERMINED BY OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY BEFORE AND AFTER MACULAR HOLE SURGERY. Retina, 2017, 37, 444-450.	1.0	47
44	CORRELATIONS BETWEEN PREOPERATIVE RETINAL PIGMENT EPITHELIAL PROTRUSIONS AND POSTOPERATIVE OUTCOMES IN EYES WITH IDIOPATHIC MACULAR HOLES. Retina, 2017, 37, 472-476.	1.0	1
45	Efficacy of One-Year Treatment with Aflibercept for Diabetic Macular Edema with Practical Protocol. BioMed Research International, 2017, 2017, 1-6.	0.9	11
46	Combination of Neuroprotective and Regenerative Agents for AGE-Induced Retinal Degeneration: In Vitro Study. BioMed Research International, 2017, 2017, 1-9.	0.9	13
47	Comparisons of Efficacy of Intravitreal Aflibercept and Ranibizumab in Eyes with Diabetic Macular Edema. BioMed Research International, 2017, 2017, 1-7.	0.9	18
48	A Case of Conjunctival Amyloidosis with Repeated Subconjunctival Hemorrhage. Case Reports in Ophthalmological Medicine, 2017, 2017, 1-5.	0.3	5
49	Different fixation targets affect retinal sensitivity obtained by microperimetry in normal individuals. Clinical Ophthalmology, 2017, Volume 11, 2011-2015.	0.9	9
50	Mechanisms of Neuronal Cell Death in AGE-exposed Retinas - Research and Literature Review. Current Diabetes Reviews, 2017, 13, 280-288.	0.6	17
51	Neuronal Changes in the Diabetic Cornea: Perspectives for Neuroprotection. BioMed Research International, 2016, 2016, 1-8.	0.9	30
52	SCLERAL IMBRICATION COMBINED WITH PARS PLANA VITRECTOMY WITHOUT INTERNAL LIMITING MEMBRANE PEELING FOR MYOPIC SCHISIS. Retina, 2016, 36, 1927-1934.	1.0	10
53	Correlation between peripapillary retinal thickness and serum level of vascular endothelial growth factor in patients with POEMS syndrome. British Journal of Ophthalmology, 2016, 100, 897-901.	2.1	16
54	Relapsing polychondritis with different types of ocular inflammations. International Medical Case Reports Journal, 2015, 8, 193.	0.3	4

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55	Effects of sub-Tenon's capsule triamcinolone acetonide injection combined with micro- neurysm photocoagulation on diabetic macular edema. International Medical Case Reports Journal, 2015, 8, 321.	0.3	3
56	Altered Expression of NF- κ B and SP1 after Exposure to Advanced Glycation End-Products and Effects of Neurotrophic Factors in AGEs Exposed Rat Retinas. Journal of Diabetes Research, 2015, 2015, 1-11.	1.0	18
57	Risk Factors for Refractory Diabetic Macular Oedema after Sub-Tenon's Capsule Triamcinolone Acetonide Injection. Journal of Ophthalmology, 2015, 2015, 1-4.	0.6	5
58	Level of vitreous alpha-B crystallin in eyes with rhegmatogenous retinal detachment. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 1251-1254.	1.0	7
59	Correlation between serum level of vascular endothelial growth factor and subfoveal choroidal thickness in patients with POEMS syndrome. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 1641-1646.	1.0	14
60	Regional Reduction of Ganglion Cell Complex after Vitrectomy with Internal Limiting Membrane Peeling for Idiopathic Macular Hole. Journal of Ophthalmology, 2014, 2014, 1-7.	0.6	27
61	Neurotrophic Factors for Retinal Ganglion Cell Neuropathy - With a Special Reference to Diabetic Neuropathy in the Retina. Current Diabetes Reviews, 2014, 10, 166-176.	0.6	29
62	The effect of posterior sub-Tenon's capsule triamcinolone acetonide injection to that of pars plana vitrectomy for diabetic macular edema. Clinical Ophthalmology, 2014, 8, 825.	0.9	6
63	Level of Vascular Endothelial Growth Factor 165b in Human Aqueous Humor. Current Eye Research, 2014, 39, 830-836.	0.7	8
64	Photoreceptor impairment on optical coherence tomographic images in patients with retinitis pigmentosa. British Journal of Ophthalmology, 2013, 97, 237-238.	2.1	75
65	Two-Year Course of Subfoveal Pigment Epithelial Detachment in Eyes with Age-Related Macular Degeneration and Visual Acuity Better than 20/40. Ophthalmologica, 2012, 228, 102-109.	1.0	32
66	VEGF \langle sub \rangle 165 \langle /sub \rangle b in the developing vasculatures of the fetal human eye. Developmental Dynamics, 2012, 241, 595-607.	0.8	27
67	Comparison of Vitrectomy with Brilliant Blue G or Indocyanine Green on Retinal Microstructure and Function of Eyes with Macular Hole. Ophthalmology, 2012, 119, 2609-2615.	2.5	77
68	Foveal Microstructure on Spectral-Domain Optical Coherence Tomographic Images and Visual Function After Macular Hole Surgery. American Journal of Ophthalmology, 2011, 152, 283-290.e1.	1.7	107
69	Relationship between vision-related quality of life and microperimetry-determined macular sensitivity in patients with retinitis pigmentosa. Japanese Journal of Ophthalmology, 2011, 55, 643-646.	0.9	31
70	Two-year comparison of photodynamic therapy and intravitreal bevacizumab for treatment of myopic choroidal neovascularisation. British Journal of Ophthalmology, 2010, 94, 864-870.	2.1	68
71	A Rat Model for Choroidal Neovascularization Using Subretinal Lipid Hydroperoxide Injection. American Journal of Pathology, 2010, 176, 3085-3097.	1.9	43
72	Changes in visual function and thickness of macula after photodynamic therapy for age-related macular degeneration. Clinical Ophthalmology, 2009, 3, 483.	0.9	18

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73	Maturation of the Fetal Human Choriocapillaris. , 2009, 50, 3503.		37
74	CORRELATION OF VISUAL RECOVERY AND PRESENCE OF PHOTORECEPTOR INNER/OUTER SEGMENT JUNCTION IN OPTICAL COHERENCE IMAGES AFTER SUCCESSFUL MACULAR HOLE REPAIR. Retina, 2008, 28, 453-458.	1.0	150