

Fumiki Okamoto

List of Publications by Year in descending order

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83
papers

2,377
citations

331538

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84
times ranked

1996
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Term Effect of Overnight Orthokeratology on Axial Length Elongation in Childhood Myopia: A 5-Year Follow-Up Study. , 2012, 53, 3913.		342
2	Ocular Higher-Order Aberrations and Contrast Sensitivity after Conventional Laser In Situ Keratomileusis. , 2004, 45, 3986.		208
3	Fast-forming hydrogel with ultralow polymeric content as an artificial vitreous body. Nature Biomedical Engineering, 2017, 1, .	11.6	150
4	Associations between Metamorphopsia and Foveal Microstructure in Patients with Epiretinal Membrane. , 2012, 53, 6770.		107
5	Influence of Ocular Wavefront Aberrations on Axial Length Elongation in Myopic Children Treated with Overnight Orthokeratology. Ophthalmology, 2015, 122, 93-100.	2.5	106
6	Effect of Vitrectomy for Epiretinal Membrane on Visual Function and Vision-Related Quality of Life. American Journal of Ophthalmology, 2009, 147, 869-874.e1.	1.7	102
7	Vision-Related Quality of Life and Visual Function after Vitrectomy for Various Vitreoretinal Disorders. , 2010, 51, 744.		89
8	INNER NUCLEAR LAYER THICKNESS AS A PROGNOSTIC FACTOR FOR METAMORPHOPSIA AFTER EPIRETINAL MEMBRANE SURGERY. Retina, 2015, 35, 2107-2114.	1.0	85
9	Vision-related Quality of Life and Visual Function after Retinal Detachment Surgery. American Journal of Ophthalmology, 2008, 146, 85-90.e1.	1.7	68
10	Best surgical technique and outcomes for large macular holes: retrospective multicentre study in Japan. Acta Ophthalmologica, 2018, 96, e904-e910.	0.6	61
11	Time Course of Changes in Aniseikonia and Foveal Microstructure after Vitrectomy for Epiretinal Membrane. Ophthalmology, 2014, 121, 2255-2260.	2.5	51
12	Safety and efficacy following 10 years of overnight orthokeratology for myopia control. Ophthalmic and Physiological Optics, 2018, 38, 281-289.	1.0	51
13	Metamorphopsia and Optical Coherence Tomography Findings After Rhegmatogenous Retinal Detachment Surgery. American Journal of Ophthalmology, 2014, 157, 214-220.e1.	1.7	49
14	Vision-Related Quality of Life and Visual Function Following Vitrectomy for Proliferative Diabetic Retinopathy. American Journal of Ophthalmology, 2008, 145, 1031-1036.e1.	1.7	45
15	Relationship between higher-order wavefront aberrations and natural progression of myopia in schoolchildren. Scientific Reports, 2017, 7, 7876.	1.6	41
16	Ultrasound biomicroscopic findings in aniridia. American Journal of Ophthalmology, 2004, 137, 858-862.	1.7	39
17	Vision-related quality of life and visual function following intravitreal bevacizumab injection for persistent diabetic macular edema after vitrectomy. Japanese Journal of Ophthalmology, 2014, 58, 369-374.	0.9	33
18	Clinical preferences and trends of anti-vascular endothelial growth factor treatments for diabetic macular edema in Japan. Journal of Diabetes Investigation, 2019, 10, 475-483.	1.1	33

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19	Scleral buckling versus vitrectomy for young Japanese patients with rhegmatogenous retinal detachment in the era of microincision surgery: real-world evidence from a multicentre study in Japan. <i>Acta Ophthalmologica</i> , 2019, 97, e736-e741.	0.6	31
20	Contrast Sensitivity and Foveal Microstructure Following Vitrectomy for Epiretinal Membrane. , 2014, 55, 7594.		27
21	In Vivo and In Vitro Feasibility Studies of Intraocular Use of Polyethylene Glycol-Based Synthetic Sealant to Close Retinal Breaks in Porcine and Rabbit Eyes. , 2015, 56, 4705.		26
22	CHANGES IN METAMORPHOPSIA AND OPTICAL COHERENCE TOMOGRAPHY FINDINGS AFTER SUCCESSFUL RETINAL DETACHMENT SURGERY. <i>Retina</i> , 2018, 38, 684-691.	1.0	26
23	STEREOPSIS AND OPTICAL COHERENCE TOMOGRAPHY FINDINGS AFTER EPIRETINAL MEMBRANE SURGERY. <i>Retina</i> , 2015, 35, 1415-1421.	1.0	25
24	Intraocular Pressure Fluctuation During Microincision Vitrectomy With Constellation Vision System. <i>American Journal of Ophthalmology</i> , 2013, 156, 941-947.e1.	1.7	24
25	Changes in Contrast Sensitivity after Surgery for Macula-On Rhegmatogenous Retinal Detachment. <i>American Journal of Ophthalmology</i> , 2013, 156, 667-672.e1.	1.7	23
26	Intraocular Pressure Elevation after Vitrectomy for various Vitreoretinal Disorders. <i>European Journal of Ophthalmology</i> , 2014, 24, 235-241.	0.7	23
27	COMBINATION THERAPY OF INTRAVITREAL RANIBIZUMAB AND SUBTHRESHOLD MICROPULSE PHOTOCOAGULATION FOR MACULAR EDEMA SECONDARY TO BRANCH RETINAL VEIN OCCLUSION. <i>Retina</i> , 2019, 39, 1377-1384.	1.0	23
28	Aniseikonia and Foveal Microstructure After Retinal Detachment Surgery. , 2014, 55, 4880.		22
29	Contrast Sensitivity and Optical Quality of the Eye after Instillation of Timolol Maleate Gel-Forming Solution and Brinzolamide Ophthalmic Suspension. <i>Ophthalmology</i> , 2010, 117, 2080-2087.	2.5	21
30	TIME COURSE OF CHANGES IN AQUEOUS FLARE INTENSITY AFTER VITRECTOMY FOR RHEGMATOGENOUS RETINAL DETACHMENT. <i>Retina</i> , 2012, 32, 1862-1867.	1.0	20
31	Mesopic Functional Visual Acuity in Normal Subjects. <i>PLoS ONE</i> , 2015, 10, e0134505.	1.1	20
32	RELATIONSHIP BETWEEN METAMORPHOPSIA AND INTRARETINAL CYSTS WITHIN THE FLUID CUFF AFTER SURGERY FOR IDIOPATHIC MACULAR HOLE. <i>Retina</i> , 2017, 37, 70-75.	1.0	20
33	Aniseikonia in various retinal disorders. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1063-1071.	1.0	19
34	Morphometric assessment of normal human ciliary body using ultrasound biomicroscopy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 2437-2442.	1.0	19
35	Real-world management of treatment-naïve diabetic macular oedema in Japan: two-year visual outcomes with and without anti-VEGF therapy in the STREAT-DME study. <i>British Journal of Ophthalmology</i> , 2020, 104, bjophthalmol-2019-315199.	2.1	19
36	Clinical characteristics and outcomes of open globe injuries in Japan. <i>Japanese Journal of Ophthalmology</i> , 2019, 63, 109-118.	0.9	19

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37	Stereopsis after successful surgery for rhegmatogenous retinal detachment. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 1207-1212.	1.0	17
38	Relationship between metamorphopsia and foveal microstructure in patients with branch retinal vein occlusion and cystoid macular edema. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 2191-2196.	1.0	17
39	Toric intraocular lenses in eyes with with-the-rule, against-the-rule, and oblique astigmatism: One-year results. Journal of Cataract and Refractive Surgery, 2016, 42, 1431-1440.	0.7	17
40	Changes in aniseikonia and influencing-factors following successful macula-off retinal detachment surgery. Scientific Reports, 2019, 9, 11588.	1.6	17
41	TIME COURSE OF CHANGES IN METAMORPHOPSIA FOLLOWING INTRAVITREAL RANIBIZUMAB INJECTION FOR BRANCH RETINAL VEIN OCCLUSION. Retina, 2018, 38, 1581-1587.	1.0	15
42	Clinical characteristics and outcomes of fall-related open globe injuries in Japan. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1347-1352.	1.0	14
43	Vitrectomy for Epiretinal Membranes: Ganglion Cell Features Correlate with Visual Function Outcomes. Ophthalmology Retina, 2018, 2, 1152-1162.	1.2	14
44	Refractive Changes After Lens-Sparing Vitrectomy for Rhegmatogenous Retinal Detachment. American Journal of Ophthalmology, 2014, 158, 544-549.e1.	1.7	13
45	Measurement of Ophthalmodynamometric Pressure with the Vented-Gas Forced-Infusion System during Pars Plana Vitrectomy. , 2010, 51, 4195.		12
46	Aniseikonia and Foveal Microstructure in Patients with Idiopathic Macular Hole. Ophthalmology, 2016, 123, 1926-1932.	2.5	11
47	Comparison of 5-year safety and efficacy of laser photocoagulation and intravitreal bevacizumab injection in retinopathy of prematurity. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 2849-2855.	1.0	10
48	Intraocular pressure elevation in the early postoperative period after vitrectomy for rhegmatogenous retinal detachment. Japanese Journal of Ophthalmology, 2012, 56, 46-51.	0.9	9
49	Effects of astigmatic defocus on binocular contrast sensitivity. PLoS ONE, 2018, 13, e0202340.	1.1	9
50	Stereopsis after Intravitreal Ranibizumab Injections for Branch Retinal Vein Occlusion. Ophthalmology Retina, 2019, 3, 777-783.	1.2	8
51	Preoperative aniseikonia is a prognostic factor for postoperative stereopsis in patients with unilateral epiretinal membrane. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 743-749.	1.0	8
52	Ophthalmodynamometric Pressure in Eyes With Proliferative Diabetic Retinopathy Measured During Pars Plana Vitrectomy. American Journal of Ophthalmology, 2011, 151, 624-629.e1.	1.7	7
53	TRAFFIC ACCIDENT-RELATED OPEN GLOBE INJURIES. Retina, 2019, 39, 779-785.	1.0	7
54	Polyethylene Glycol-Based Synthetic Hydrogel Sealant for Closing Vitrectomy Wounds: An In Vivo and Histological Study. Translational Vision Science and Technology, 2016, 5, 7.	1.1	6

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55	Perfluorocarbon liquid-assisted membrane staining and peeling technique for macular diseases. <i>Japanese Journal of Ophthalmology</i> , 2018, 62, 592-597.	0.9	6
56	Time course of changes in contrast sensitivity following intravitreal ranibizumab injection for branch retinal vein occlusion. <i>Japanese Journal of Ophthalmology</i> , 2020, 64, 497-505.	0.9	6
57	Vision-related parameters that affect stereopsis in patients with macular hole. <i>Scientific Reports</i> , 2020, 10, 2805.	1.6	6
58	Clinical characteristics and visual outcomes of work-related open globe injuries in Japanese patients. <i>Scientific Reports</i> , 2020, 10, 1208.	1.6	6
59	Clinical characteristics and visual outcomes of sport-related open globe injuries. <i>Acta Ophthalmologica</i> , 2018, 96, e898-e899.	0.6	5
60	Patching retinal breaks with polyethylene glycol-based synthetic hydrogel sealant for retinal detachment in rabbits. <i>Experimental Eye Research</i> , 2018, 177, 117-121.	1.2	5
61	Short-term intraocular pressure changes after intravitreal injection of bevacizumab for retinopathy of prematurity. <i>Japanese Journal of Ophthalmology</i> , 2019, 63, 262-268.	0.9	5
62	Ability of Nonswelling Polyethylene Glycol-Based Vitreous Hydrogel to Maintain Transparency in the Presence of Vitreous Hemorrhage. <i>Translational Vision Science and Technology</i> , 2019, 8, 33.	1.1	5
63	Stereopsis and retinal microstructures following macular hole surgery. <i>Scientific Reports</i> , 2020, 10, 19534.	1.6	5
64	Clinical Characteristics and Outcomes in 314 Japanese Patients with Bacterial Endophthalmitis: A Multicenter Cohort Study from J-CREST. <i>Pathogens</i> , 2021, 10, 390.	1.2	4
65	Contrast sensitivity and quality of life following intravitreal ranibizumab injection for central retinal vein occlusion. <i>British Journal of Ophthalmology</i> , 2023, 107, 254-260.	2.1	4
66	Relationship between stereopsis and vision-related quality of life following intravitreal ranibizumab injections for central retinal vein occlusion. <i>Scientific Reports</i> , 2021, 11, 20475.	1.6	4
67	Visual function in patients with idiopathic macular telangiectasia type 1. <i>Acta Ophthalmologica</i> , 2016, 94, e672-e673.	0.6	3
68	Treat-and-extend therapy with aflibercept for diabetic macular edema: a prospective clinical trial. <i>Japanese Journal of Ophthalmology</i> , 2021, 65, 354-362.	0.9	3
69	Evaluation of postoperative visual function based on the preoperative inner layer structure in the epiretinal membrane. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 3251-3259.	1.0	3
70	Relationship between stereopsis and vision-related quality of life in patients with branch retinal vein occlusion. <i>BMJ Open Ophthalmology</i> , 2022, 7, e000925.	0.8	3
71	Visual Functions Affecting Vision-Related Quality of Life Following Intravitreal Ranibizumab Therapy for Central Retinal Vein Occlusion. <i>Journal of Clinical Medicine</i> , 2022, 11, 4139.	1.0	3
72	Reply. <i>American Journal of Ophthalmology</i> , 2014, 157, 1323.	1.7	2

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73	Visual functions affecting stereopsis in patients with branch retinal vein occlusion. <i>Eye</i> , 2022, 36, 457-462.	1.1	2
74	Aniseikonia following intravitreal ranibizumab treatment for branch retinal vein occlusion. <i>Japanese Journal of Ophthalmology</i> , 2021, 65, 672-679.	0.9	2
75	Treatment of diabetic macular edema in real-world clinical practice: the effect of aging. <i>Journal of Diabetes Investigation</i> , 2022, , .	1.1	2
76	TRUNCATED CONTACT LENSES FOR PERIPHERAL VITRECTOMY. <i>Retina</i> , 2012, 32, 1682-1684.	1.0	1
77	Clinical and experimental evaluation of new back-flow hydrodissection technique. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 1280-1284.	0.7	1
78	Optical coherence tomography angiography and Humphrey field analyser for macular capillary non-perfusion evaluation in branch retinal vein occlusion. <i>Scientific Reports</i> , 2021, 11, 4583.	1.6	1
79	Relationship between metamorphopsia and inner retinal microstructure following intravitreal ranibizumab injection for branch retinal vein occlusion. <i>Scientific Reports</i> , 2021, 11, 4454.	1.6	1
80	Artificial accommodating intraocular lens powered by an ion polymer-metal composite actuator. <i>PLoS ONE</i> , 2021, 16, e0252986.	1.1	1
81	Visual Outcomes and Mechanism of Open-Globe Injuries with No Light Perception. <i>Ophthalmology Retina</i> , 2021, 5, 489-491.	1.2	0
82	Background Factors Affecting Visual Acuity at Initial Visit in Eyes with Central Retinal Vein Occlusion: Multicenter Study in Japan. <i>Journal of Clinical Medicine</i> , 2021, 10, 5619.	1.0	0
83	High-frequency ultrasonographic imaging in suprachoroidal hemorrhage after filtering surgery. <i>Ophthalmic Surgery, Lasers and Imaging</i> , 2003, 34, 259-62.	0.5	0