

# Ik Soo Byon

## List of Publications by Citations

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102  
papers

699  
citations

15  
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23  
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104  
ext. papers

862  
ext. citations

2.3  
avg, IF

4.23  
L-index

#	Paper	IF	Citations
102	Perfluoro-n-octane-assisted single-layered inverted internal limiting membrane flap technique for macular hole surgery. <i>Retina</i> , <b>2014</b> , 34, 1905-10	3.6	87
101	Comparative analysis of large macular hole surgery using an internal limiting membrane insertion versus inverted flap technique. <i>British Journal of Ophthalmology</i> , <b>2019</b> , 103, 245-250	5.5	49
100	Perfluoro-n-octane Assisted Free Internal Limiting Membrane Flap Technique for Recurrent Macular Hole. <i>Retina</i> , <b>2015</b> , 35, 2652-6	3.6	32
99	Clinical features of infectious endophthalmitis in South Korea: a five-year multicenter study. <i>BMC Infectious Diseases</i> , <b>2015</b> , 15, 177	4	31
98	Triamcinolone-induced intraocular pressure elevation: intravitreal injection for macular edema and posterior subtenon injection for uveitis. <i>Korean Journal of Ophthalmology: KJO</i> , <b>2006</b> , 20, 99-103	1.2	31
97	Impact of Slab Selection on Quantification of Choriocapillaris Flow Deficits by Optical Coherence Tomography Angiography. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 208, 397-405	4.9	29
96	Comparison of scleral buckling and vitrectomy using wide angle viewing system for rhegmatogenous retinal detachment in patients older than 35 years. <i>BMC Ophthalmology</i> , <b>2015</b> , 15, 121 <sup>2-3</sup>	2.3	25
95	Emergence of Enterococcus species in the infectious microorganisms cultured from patients with endophthalmitis in South Korea. <i>Infection</i> , <b>2014</b> , 42, 113-8	5.8	24
94	Regional Choroidal Thickness Changes in Branch Retinal Vein Occlusion with Macular Edema. <i>Ophthalmologica</i> , <b>2015</b> , 234, 109-18	3.7	22
93	TOPOGRAPHIC CHANGES OF THE MACULA AFTER CLOSURE OF IDIOPATHIC MACULAR HOLE. <i>Retina</i> , <b>2017</b> , 37, 667-672	3.6	22
92	Natural History of Idiopathic Epiretinal Membrane in Eyes with Good Vision Assessed by Spectral-Domain Optical Coherence Tomography. <i>Ophthalmologica</i> , <b>2015</b> , 234, 91-100	3.7	21
91	Microstructural changes in the fovea following autologous internal limiting membrane transplantation surgery for large macular holes. <i>Acta Ophthalmologica</i> , <b>2018</b> , 96, e406-e408	3.7	20
90	Exclusive Use of Air as Gas Tamponade in Rhegmatogenous Retinal Detachment. <i>Journal of Ophthalmology</i> , <b>2017</b> , 2017, 1341948	2	18
89	Efficacy of the Perfluoro-N-Octane-Assisted Single-Layered Inverted Internal Limiting Membrane Flap Technique for Large Macular Holes. <i>Ophthalmologica</i> , <b>2017</b> , 238, 133-138	3.7	17
88	Analysis of the ganglion cell layer and photoreceptor layer using optical coherence tomography after idiopathic epiretinal membrane surgery. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2015</b> , 253, 207-14	3.8	16
87	Optimizing the Repeatability of Choriocapillaris Flow Deficit Measurement From Optical Coherence Tomography Angiography. <i>American Journal of Ophthalmology</i> , <b>2020</b> , 219, 21-32	4.9	15
86	Comparative analysis of brilliant blue G and an intracameral illuminator in assisting visualization of the anterior capsule in eyes with vitreous hemorrhage. <i>Journal of Cataract and Refractive Surgery</i> , <b>2016</b> , 42, 1015-21	2.3	14

85	TREAT-AND-EXTEND REGIMEN USING RANIBIZUMAB FOR POLYPOIDAL CHOROIDAL VASCULOPATHY: One-Year Results. <i>Retina</i> , <b>2017</b> , 37, 561-567	3.6	13
84	Optic perineuritis secondary to acute retinal necrosis. <i>Journal of Neuro-Ophthalmology</i> , <b>2013</b> , 33, 419-212.	2.6	12
83	Intraocular Pharmacokinetics of Povidone-Iodine and Its Effects on Experimental Staphylococcus epidermidis Endophthalmitis <b>2015</b> , 56, 6694-700		10
82	Extramacular drainage of subretinal fluid during vitrectomy for macular hole retinal detachment in high myopia. <i>Retina</i> , <b>2014</b> , 34, 1096-102	3.6	10
81	Choriocapillaris flow deficit associated with intraretinal hyperreflective foci in intermediate age-related macular degeneration. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 258, 2353-2362	3.8	10
80	Functional end-arterial circulation of the choroid assessed by using fat embolism and electric circuit simulation. <i>Scientific Reports</i> , <b>2017</b> , 7, 2490	4.9	8
79	Reduced-fluence photodynamic therapy in polypoidal choroidal vasculopathy nonresponsive to ranibizumab. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2014</b> , 45, 534-41	1.4	8
78	ASSOCIATION BETWEEN TANGENTIAL CONTRACTION AND EARLY VISION LOSS IN IDIOPATHIC EPIRETINAL MEMBRANE. <i>Retina</i> , <b>2018</b> , 38, 541-549	3.6	8
77	Topographical relationship between the choroidal watershed zone and submacular idiopathic choroidal neovascularisation. <i>British Journal of Ophthalmology</i> , <b>2016</b> , 100, 652-9	5.5	8
76	Impact of Age on Scleral Buckling Surgery for Rhegmatogenous Retinal Detachment. <i>Korean Journal of Ophthalmology: KJO</i> , <b>2017</b> , 31, 328-335	1.2	7
75	Macular hole formation in rhegmatogenous retinal detachment after scleral buckling. <i>Korean Journal of Ophthalmology: KJO</i> , <b>2014</b> , 28, 364-72	1.2	7
74	Ocular toxocariasis presenting as bilateral scleritis with suspect retinal granuloma in the nerve fiber layer: a case report. <i>BMC Infectious Diseases</i> , <b>2016</b> , 16, 426	4	6
73	The effect of a systemic angiotensin receptor blocker on vascular endothelial growth factor in the vitreous of patients with proliferative diabetic retinopathy. <i>Current Eye Research</i> , <b>2013</b> , 38, 774-80	2.9	6
72	Comparison of the most common isolates of postoperative endophthalmitis in South Korea; Enterococcus species vs coagulase-negative staphylococci. <i>BMC Infectious Diseases</i> , <b>2016</b> , 16, 706	4	6
71	Comparison of vitrectomized with nonvitrectomized eyes after subtenon injection of triamcinolone acetate to treat diabetic macular edema: Retrospective comparative Analysis of an interventional case series. <i>Indian Journal of Ophthalmology</i> , <b>2017</b> , 65, 488-492	1.6	5
70	TOPOGRAPHIC ASSESSMENT OF CHORIOCAPILLARIS FLOW DEFICITS IN THE INTERMEDIATE AGE-RELATED MACULAR DEGENERATION EYES WITH HYPOREFLECTIVE CORES INSIDE DRUSEN. <i>Retina</i> , <b>2021</b> , 41, 393-401	3.6	5
69	Choroidal Watershed Zone and Growth of Polypoidal Choroidal Vasculopathy. <i>Current Eye Research</i> , <b>2017</b> , 42, 252-259	2.9	4
68	Changes in Visual Acuity after Idiopathic Epiretinal Membrane Removal: Good versus Poor Preoperative Visual Acuity. <i>Ophthalmologica</i> , <b>2015</b> , 234, 127-34	3.7	4

67	Effect of angiotensin II type 1 receptor blocker and angiotensin converting enzyme inhibitor on the intraocular growth factors and their receptors in streptozotocin-induced diabetic rats. <i>International Journal of Ophthalmology</i> , <b>2017</b> , 10, 896-901	1.4	4
66	Vascular Displacement in Idiopathic Macular Hole after Single-layered Inverted Internal Limiting Membrane Flap Surgery. <i>Korean Journal of Ophthalmology: KJO</i> , <b>2017</b> , 31, 336-342	1.2	4
65	Intravitreal triamcinolone acetonide for rebound phenomenon after high-dose intravenous steroid treatment in Vogt-Koyanagi-Harada disease. <i>Clinical Ophthalmology</i> , <b>2011</b> , 5, 1589-91	2.5	4
64	Retinal injury following intravitreal injection of a dexamethasone implant in a vitrectomized eye. <i>International Journal of Ophthalmology</i> , <b>2017</b> , 10, 1019-1020	1.4	4
63	Tissue layer image of the photoreceptor layer in central serous chorioretinopathy using SD-OCT. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2012</b> , 43, S16-24	1.4	4
62	Effects of enhanced depth imaging and en face averaging on optical coherence tomography angiography image quantification. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 258, 979-986	3.8	4
61	SQUARE GRID DEFORMATION ANALYSIS OF THE MACULA AND POSTOPERATIVE METAMORPHOPSIA AFTER MACULAR HOLE SURGERY. <i>Retina</i> , <b>2021</b> , 41, 931-939	3.6	4
60	Lens-Save Versus Phacoemulsification with Intraocular Lens Implantation in Primary Vitrectomy for Phakic Rhegmatogenous Retinal Detachment. <i>Journal of Korean Ophthalmological Society</i> , <b>2013</b> , 54, 449 <sup>0.2</sup>		4
59	Impact of Scan Tilt on Quantitative Assessments Using Optical Coherence Tomography Angiography. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 46	3.3	4
58	Prognostic Factors of Anatomical Success in Microincisional Vitrectomy for Rhegmatogenous Retinal Detachment. <i>Journal of Korean Ophthalmological Society</i> , <b>2016</b> , 57, 1613	0.2	4
57	Evaluation of Retinal Nerve Fiber Layer in Patients with Idiopathic Optic Perineuritis using Optical Coherence Tomography. <i>Neuro-Ophthalmology</i> , <b>2015</b> , 39, 34-38	0.9	3
56	Analysis of the ganglion cell layer and photoreceptor layer using optical coherence tomography after idiopathic epiretinal membrane surgery. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2015</b> , 253, 1829-30	3.8	3
55	Duration of room air tamponade after vitrectomy. <i>Japanese Journal of Ophthalmology</i> , <b>2020</b> , 64, 216-222.6		3
54	Gender Differences in the Relationship between Sex Hormone Deficiency and Soft Drusen. <i>Current Eye Research</i> , <b>2017</b> , 42, 1527-1536	2.9	3
53	Emerging isolates in postoperative endophthalmitis by selection pressure of fluoroquinolones: an 11-year multicenter and experimental study. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 1892-1899	18.9	3
52	Diagnostic Value of Positive Findings of -Specific Immunoglobulin M Serum Antibody in Uveitis Patients to Confirm Ocular Toxoplasmosis. <i>Ocular Immunology and Inflammation</i> , <b>2019</b> , 27, 583-590	2.8	3
51	Comparison between refractive outcomes between macula-on and macula-off retinal detachments after phaco-vitrectomy. <i>Japanese Journal of Ophthalmology</i> , <b>2019</b> , 63, 310-316	2.6	2
50	Accuracy of Predictive Refraction in Combined Vitrectomy-Cataract Surgery for Epiretinal Membrane and Macular Hole. <i>Journal of Korean Ophthalmological Society</i> , <b>2015</b> , 56, 219	0.2	2

49	Autologous Transplantation of Internal Limiting Membrane for the Treatment of Large Macular Hole. <i>Journal of Korean Ophthalmological Society</i> , <b>2015</b> , 56, 1899	0.2	2
48	Myopic Shift and Cataract Change after Lens Sparing Vitrectomy in Patients with Idiopathic Epiretinal Membrane in Their 5th and 6th Decade. <i>Journal of Korean Ophthalmological Society</i> , <b>2015</b> , 56, 1038	0.2	2
47	Goniosynechialysis for secondary angle closure glaucoma in a pseudophakic patient after vitrectomy and silicone oil injection. <i>International Journal of Ophthalmology</i> , <b>2014</b> , 7, 914-6	1.4	2
46	Mobile lens-induced angle closure glaucoma and rubeosis iridis in Sturge Weber syndrome. <i>International Journal of Ophthalmology</i> , <b>2015</b> , 8, 1080-2	1.4	2
45	Analysis of Difference between Target and Postoperative Spherical Equivalent in Combined Vitrectomy and Intraocular Lens Trans-scleral Ciliary Sulcus Fixation. <i>Journal of Retina</i> , <b>2020</b> , 5, 143-148	0.2	2
44	Serous retinal detachment accompanied by MEWDS in a myopic patient with dome-shaped macula. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2014</b> , 45, 253-5	1.4	2
43	Displacement of the Foveal Retinal Layers After Macular Hole Surgery Assessed Using En Face Optical Coherence Tomography Images. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2019</b> , 50, 414-422	1.4	2
42	Retro mode illumination for detecting and quantifying the area of geographic atrophy in non-neovascular age-related macular degeneration. <i>Eye</i> , <b>2021</b> ,	4.4	2
41	The effects of vascular endothelial growth factor (VEGF) on human orbital preadipocyte. <i>Orbit</i> , <b>2016</b> , 35, 6-10	1.5	1
40	Clinical Manifestation and Outcomes of Neuroretinitis in Korea. <i>Journal of Korean Ophthalmological Society</i> , <b>2017</b> , 58, 156	0.2	1
39	Vitrectomy with Perfluorocarbon Liquid versus Combined Encircling for Retinal Detachment with Giant Retinal Tear. <i>Journal of Korean Ophthalmological Society</i> , <b>2015</b> , 56, 1880	0.2	1
38	Effect of Posterior Subtenon Triamcinolone Injection during Vitrectomy for Idiopathic Epiretinal Membrane. <i>Journal of Korean Ophthalmological Society</i> , <b>2015</b> , 56, 1236	0.2	1
37	Two Cases of Acute Spontaneous Resolution in Macula-Off Rhegmatogenous Retinal Detachment. <i>Journal of Korean Ophthalmological Society</i> , <b>2015</b> , 56, 466	0.2	1
36	The Effectiveness of Pediatric Blood Culture Bottle in Endophthalmitis. <i>Journal of Korean Ophthalmological Society</i> , <b>2015</b> , 56, 1365	0.2	1
35	Risk Factors of Retinal Detachment after Acute Retinal Necrosis. <i>Journal of Korean Ophthalmological Society</i> , <b>2013</b> , 54, 1694	0.2	1
34	Surgical Outcomes of Idiopathic Epiretinal Membrane with Good Visual Acuity. <i>Journal of Korean Ophthalmological Society</i> , <b>2014</b> , 55, 686	0.2	1
33	Comparison of refractive deviations after phacovitrectomy according to the intraocular lens insertion method. <i>Japanese Journal of Ophthalmology</i> , <b>2020</b> , 64, 462-467	2.6	1
32	Intravitreal injection of povidone-iodine for the treatment of vancomycin-resistant <i>Enterococcus faecalis</i> endophthalmitis in rabbit eyes. <i>Experimental Eye Research</i> , <b>2021</b> , 208, 108614	3.7	1

31	Reproliferation of Idiopathic Epiretinal Membrane after Spontaneous Separation. <i>Journal of Korean Ophthalmological Society</i> , <b>2016</b> , 57, 682	0.2	1
30	Enlargement of polypoidal choroidal vasculopathy lesion without exudative findings assessed in en face optical coherence tomography images. <i>Graefets Archive for Clinical and Experimental Ophthalmology</i> , <b>2019</b> , 257, 1621-1629	3.8	0
29	Perioperative intraretinal fluid observed using optical coherence tomography in the epiretinal membrane. <i>BMC Ophthalmology</i> , <b>2020</b> , 20, 33	2.3	0
28	Establishment of a prediction tool for ocular trauma patients with machine learning algorithm.. <i>International Journal of Ophthalmology</i> , <b>2021</b> , 14, 1941-1949	1.4	0
27	MICROVASCULAR LEAKAGE IS A POOR PROGNOSTIC FACTOR FOR IDIOPATHIC EPIRETINAL MEMBRANE: A Fluorescein Angiography Study. <i>Retina</i> , <b>2021</b> , 41, 2515-2522	3.6	0
26	Growth of Polypoidal Choroidal Vasculopathy Aligned to Choroidal Watershed Zone. <i>Current Eye Research</i> , <b>2017</b> , 42, 323-324	2.9	
25	Prognostic Factors of Anatomical Success in Scleral Buckling for High Myopic Rhegmatogenous Retinal Detachment. <i>Journal of Korean Ophthalmological Society</i> , <b>2016</b> , 57, 1586	0.2	
24	Treatment Outcome of Serous Macular Detachment in Circumscribed Choroidal Hemangioma. <i>Journal of Korean Ophthalmological Society</i> , <b>2017</b> , 58, 289	0.2	
23	Hyper-proliferation of Glial Tissues Following Autologous Internal Limiting Membrane Transplantation in Idiopathic Large Macular Holes. <i>Journal of Korean Ophthalmological Society</i> , <b>2017</b> , 58, 1307	0.2	
22	Change in Axial Length in Highly Myopic Adults Using Partial Coherence Interferometry. <i>Journal of Korean Ophthalmological Society</i> , <b>2018</b> , 59, 246	0.2	
21	Internal Limiting Membrane Peeling Using 0.025% Brilliant Blue G During Vitrectomy. <i>Journal of Korean Ophthalmological Society</i> , <b>2015</b> , 56, 1044	0.2	
20	Inflammatory Cytokines in the Vitreous of Rabbits after Photocoagulation Using Pattern Scanning and Conventional Laser. <i>Journal of Korean Ophthalmological Society</i> , <b>2013</b> , 54, 149	0.2	
19	Ocular Syphilis Presented as Occult Outer Retinopathy. <i>Journal of Korean Ophthalmological Society</i> , <b>2014</b> , 55, 785	0.2	
18	Delayed Closure of Idiopathic Macular Hole after Vitrectomy, Internal Limiting Membrane Peeling, and Gas Tamponade. <i>Journal of Korean Ophthalmological Society</i> , <b>2014</b> , 55, 775	0.2	
17	A Case of Tjalma Syndrome Coincidentally Accompanied by an Ovarian Teratoma Successfully Treated with Intravenous Immunoglobulin-G Adjunctive Therapy. <i>Journal of Rheumatic Diseases</i> , <b>2014</b> , 21, 77	1.2	
16	Combined Therapy of Bevacizumab and Grid Photocoagulation for Macular Edema in Branch Retinal Vein Occlusion. <i>Journal of Korean Ophthalmological Society</i> , <b>2012</b> , 53, 1458	0.2	
15	Clinical Outcomes of Secondary Intraocular Lens Implantation in Vitrectomized Aphakic Eyes Due to Ocular Trauma. <i>Journal of Korean Ophthalmological Society</i> , <b>2013</b> , 54, 1581	0.2	
14	Association between capillary congestion and macular edema recurrence in chronic branch retinal vein occlusion through quantitative analysis of OCT angiography. <i>Scientific Reports</i> , <b>2021</b> , 11, 19886	4.9	

- 13 Efficacy of intravitreal povidone-iodine administration for the treatment of *Candida albicans* endophthalmitis in rabbits. *Experimental Eye Research*, **2021**, 212, 108788 3.7
- 12 Internal Limiting Membrane Insertion **2021**, 31-35
- 11 Diabetic Macular Edema **2021**, 79-82
- 10 Macular Changes after Internal Limiting Membrane Surgery **2021**, 47-58
- 9 Rhegmatogenous Retinal Detachment **2021**, 95-100
- 8 Idiopathic Macular Hole **2021**, 61-71
- 7 Internal Limiting Membrane Flap **2021**, 37-45
- 6 A Case of Eales Disease in Postpartum Period. *Journal of Retina*, **2016**, 1, 55-58 0.2
- 5 Atypical Retinal Hemorrhages after Vitrectomy for Idiopathic Macular Hole: Possible Toxicity of Brilliant Blue G. *Korean Journal of Ophthalmology: KJO*, **2021**, 35, 207-214 1.2
- 4 INSTRUMENTAL DIFFERENCE IN ASSESSING CHOROIDAL HYPERPERMEABILITY AND PHOTODYNAMIC THERAPY IN CHRONIC CENTRAL SEROUS CHORIORETINOPATHY. *Retina*, **2019**, 39, 1361-1369 3.6
- 3 Clinical Features of -Seropositive Optic Neuritis in Korea. *Ocular Immunology and Inflammation*, **2019**, 27, 829-835 2.8
- 2 Impact of signal strength on quantitative retinal and choriocapillaris flow measurement from optical coherence tomography angiography.. *Scientific Reports*, **2022**, 12, 4692 4.9
- 1 Evaluation of the safety of anterior capsule staining with trypan blue under air: a retrospective analysis.. *International Journal of Ophthalmology*, **2022**, 15, 432-437 1.4