

Ik Soo Byon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

699
citations

15
h-index

23
g-index

104
ext. papers

862
ext. citations

2.3
avg, IF

4.23
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 102 | Impact of signal strength on quantitative retinal and choriocapillaris flow measurement from optical coherence tomography angiography.. <i>Scientific Reports</i> , 2022 , 12, 4692 | 4.9 | |
| 101 | Evaluation of the safety of anterior capsule staining with trypan blue under air: a retrospective analysis.. <i>International Journal of Ophthalmology</i> , 2022 , 15, 432-437 | 1.4 | |
| 100 | Establishment of a prediction tool for ocular trauma patients with machine learning algorithm.. <i>International Journal of Ophthalmology</i> , 2021 , 14, 1941-1949 | 1.4 | 0 |
| 99 | Association between capillary congestion and macular edema recurrence in chronic branch retinal vein occlusion through quantitative analysis of OCT angiography. <i>Scientific Reports</i> , 2021 , 11, 19886 | 4.9 | |
| 98 | Efficacy of intravitreal povidone-iodine administration for the treatment of <i>Candida albicans</i> endophthalmitis in rabbits. <i>Experimental Eye Research</i> , 2021 , 212, 108788 | 3.7 | |
| 97 | Internal Limiting Membrane Insertion 2021 , 31-35 | | |
| 96 | Diabetic Macular Edema 2021 , 79-82 | | |
| 95 | Macular Changes after Internal Limiting Membrane Surgery 2021 , 47-58 | | |
| 94 | Rhegmatogenous Retinal Detachment 2021 , 95-100 | | |
| 93 | Idiopathic Macular Hole 2021 , 61-71 | | |
| 92 | Internal Limiting Membrane Flap 2021 , 37-45 | | |
| 91 | SQUARE GRID DEFORMATION ANALYSIS OF THE MACULA AND POSTOPERATIVE METAMORPHOPSIA AFTER MACULAR HOLE SURGERY. <i>Retina</i> , 2021 , 41, 931-939 | 3.6 | 4 |
| 90 | MICROVASCULAR LEAKAGE IS A POOR PROGNOSTIC FACTOR FOR IDIOPATHIC EPIRETINAL MEMBRANE: A Fluorescein Angiography Study. <i>Retina</i> , 2021 , 41, 2515-2522 | 3.6 | 0 |
| 89 | Atypical Retinal Hemorrhages after Vitrectomy for Idiopathic Macular Hole: Possible Toxicity of Brilliant Blue G. <i>Korean Journal of Ophthalmology: KJO</i> , 2021 , 35, 207-214 | 1.2 | |
| 88 | Intravitreal injection of povidone-iodine for the treatment of vancomycin-resistant <i>Enterococcus faecalis</i> endophthalmitis in rabbit eyes. <i>Experimental Eye Research</i> , 2021 , 208, 108614 | 3.7 | 1 |
| 87 | Retro mode illumination for detecting and quantifying the area of geographic atrophy in non-neovascular age-related macular degeneration. <i>Eye</i> , 2021 , | 4.4 | 2 |
| 86 | TOPOGRAPHIC ASSESSMENT OF CHORIOCAPILLARIS FLOW DEFICITS IN THE INTERMEDIATE AGE-RELATED MACULAR DEGENERATION EYES WITH HYPOREFLECTIVE CORES INSIDE DRUSEN. <i>Retina</i> , 2021 , 41, 393-401 | 3.6 | 5 |

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|----|--|------|----|
| 85 | Duration of room air tamponade after vitrectomy. <i>Japanese Journal of Ophthalmology</i> , 2020 , 64, 216-222. | 6 | 3 |
| 84 | Perioperative intraretinal fluid observed using optical coherence tomography in the epiretinal membrane. <i>BMC Ophthalmology</i> , 2020 , 20, 33 | 2.3 | 0 |
| 83 | 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> , 2020 , 5, 143-148 | 0.2 | 2 |
| 82 | Effects of enhanced depth imaging and en face averaging on optical coherence tomography angiography image quantification. <i>Graefets Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 979-986 | 3.8 | 4 |
| 81 | Optimizing the Repeatability of Choriocapillaris Flow Deficit Measurement From Optical Coherence Tomography Angiography. <i>American Journal of Ophthalmology</i> , 2020 , 219, 21-32 | 4.9 | 15 |
| 80 | Choriocapillaris flow deficit associated with intraretinal hyperreflective foci in intermediate age-related macular degeneration. <i>Graefets Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 2353-2362 | 3.8 | 10 |
| 79 | Emerging isolates in postoperative endophthalmitis by selection pressure of fluoroquinolones: an 11-year multicenter and experimental study. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1892-1899 | 18.9 | 3 |
| 78 | Comparison of refractive deviations after phacovitrectomy according to the intraocular lens insertion method. <i>Japanese Journal of Ophthalmology</i> , 2020 , 64, 462-467 | 2.6 | 1 |
| 77 | Impact of Scan Tilt on Quantitative Assessments Using Optical Coherence Tomography Angiography. <i>Translational Vision Science and Technology</i> , 2020 , 9, 46 | 3.3 | 4 |
| 76 | Impact of Slab Selection on Quantification of Choriocapillaris Flow Deficits by Optical Coherence Tomography Angiography. <i>American Journal of Ophthalmology</i> , 2019 , 208, 397-405 | 4.9 | 29 |
| 75 | 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> , 2019 , 257, 1621-1629 | 3.8 | 0 |
| 74 | Comparison between refractive outcomes between macula-on and macula-off retinal detachments after phaco-vitrectomy. <i>Japanese Journal of Ophthalmology</i> , 2019 , 63, 310-316 | 2.6 | 2 |
| 73 | 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> , 2019 , 50, 414-422 | 1.4 | 2 |
| 72 | INSTRUMENTAL DIFFERENCE IN ASSESSING CHOROIDAL HYPERPERMEABILITY AND PHOTODYNAMIC THERAPY IN CHRONIC CENTRAL SEROUS CHORIORETINOPATHY. <i>Retina</i> , 2019 , 39, 1361-1369 | 3.6 | |
| 71 | Diagnostic Value of Positive Findings of -Specific Immunoglobulin M Serum Antibody in Uveitis Patients to Confirm Ocular Toxoplasmosis. <i>Ocular Immunology and Inflammation</i> , 2019 , 27, 583-590 | 2.8 | 3 |
| 70 | Clinical Features of -Seropositive Optic Neuritis in Korea. <i>Ocular Immunology and Inflammation</i> , 2019 , 27, 829-835 | 2.8 | |
| 69 | Comparative analysis of large macular hole surgery using an internal limiting membrane insertion versus inverted flap technique. <i>British Journal of Ophthalmology</i> , 2019 , 103, 245-250 | 5.5 | 49 |
| 68 | Microstructural changes in the fovea following autologous internal limiting membrane transplantation surgery for large macular holes. <i>Acta Ophthalmologica</i> , 2018 , 96, e406-e408 | 3.7 | 20 |

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| 67 | Change in Axial Length in Highly Myopic Adults Using Partial Coherence Interferometry. <i>Journal of Korean Ophthalmological Society</i> , 2018 , 59, 246 | 0.2 | |
| 66 | ASSOCIATION BETWEEN TANGENTIAL CONTRACTION AND EARLY VISION LOSS IN IDIOPATHIC EPIRETINAL MEMBRANE. <i>Retina</i> , 2018 , 38, 541-549 | 3.6 | 8 |
| 65 | Choroidal Watershed Zone and Growth of Polypoidal Choroidal Vasculopathy. <i>Current Eye Research</i> , 2017 , 42, 252-259 | 2.9 | 4 |
| 64 | Growth of Polypoidal Choroidal Vasculopathy Aligned to Choroidal Watershed Zone. <i>Current Eye Research</i> , 2017 , 42, 323-324 | 2.9 | |
| 63 | TREAT-AND-EXTEND REGIMEN USING RANIBIZUMAB FOR POLYPOIDAL CHOROIDAL VASCULOPATHY: One-Year Results. <i>Retina</i> , 2017 , 37, 561-567 | 3.6 | 13 |
| 62 | Efficacy of the Perfluoro-N-Octane-Assisted Single-Layered Inverted Internal Limiting Membrane Flap Technique for Large Macular Holes. <i>Ophthalmologica</i> , 2017 , 238, 133-138 | 3.7 | 17 |
| 61 | Treatment Outcome of Serous Macular Detachment in Circumscribed Choroidal Hemangioma. <i>Journal of Korean Ophthalmological Society</i> , 2017 , 58, 289 | 0.2 | |
| 60 | 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> , 2017 , 10, 896-901 | 1.4 | 4 |
| 59 | Vascular Displacement in Idiopathic Macular Hole after Single-layered Inverted Internal Limiting Membrane Flap Surgery. <i>Korean Journal of Ophthalmology: KJO</i> , 2017 , 31, 336-342 | 1.2 | 4 |
| 58 | Hyper-proliferation of Glial Tissues Following Autologous Internal Limiting Membrane Transplantation in Idiopathic Large Macular Holes. <i>Journal of Korean Ophthalmological Society</i> , 2017 , 58, 1307 | 0.2 | |
| 57 | Gender Differences in the Relationship between Sex Hormone Deficiency and Soft Drusen. <i>Current Eye Research</i> , 2017 , 42, 1527-1536 | 2.9 | 3 |
| 56 | Functional end-arterial circulation of the choroid assessed by using fat embolism and electric circuit simulation. <i>Scientific Reports</i> , 2017 , 7, 2490 | 4.9 | 8 |
| 55 | TOPOGRAPHIC CHANGES OF THE MACULA AFTER CLOSURE OF IDIOPATHIC MACULAR HOLE. <i>Retina</i> , 2017 , 37, 667-672 | 3.6 | 22 |
| 54 | Clinical Manifestation and Outcomes of Neuroretinitis in Korea. <i>Journal of Korean Ophthalmological Society</i> , 2017 , 58, 156 | 0.2 | 1 |
| 53 | Impact of Age on Scleral Buckling Surgery for Rhegmatogenous Retinal Detachment. <i>Korean Journal of Ophthalmology: KJO</i> , 2017 , 31, 328-335 | 1.2 | 7 |
| 52 | Exclusive Use of Air as Gas Tamponade in Rhegmatogenous Retinal Detachment. <i>Journal of Ophthalmology</i> , 2017 , 2017, 1341948 | 2 | 18 |
| 51 | Retinal injury following intravitreal injection of a dexamethasone implant in a vitrectomized eye. <i>International Journal of Ophthalmology</i> , 2017 , 10, 1019-1020 | 1.4 | 4 |
| 50 | Comparison of vitrectomized with nonvitrectomized eyes after subtenon injection of triamcinolone acetonide to treat diabetic macular edema: Retrospective comparative Analysis of an interventional case series. <i>Indian Journal of Ophthalmology</i> , 2017 , 65, 488-492 | 1.6 | 5 |

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| 49 | Prognostic Factors of Anatomical Success in Scleral Buckling for High Myopic Rhegmatogenous Retinal Detachment. <i>Journal of Korean Ophthalmological Society</i> , 2016 , 57, 1586 | 0.2 | |
| 48 | Ocular toxocariasis presenting as bilateral scleritis with suspect retinal granuloma in the nerve fiber layer: a case report. <i>BMC Infectious Diseases</i> , 2016 , 16, 426 | 4 | 6 |
| 47 | The effects of vascular endothelial growth factor (VEGF) on human orbital preadipocyte. <i>Orbit</i> , 2016 , 35, 6-10 | 1.5 | 1 |
| 46 | A Case of Eales Disease in Postpartum Period. <i>Journal of Retina</i> , 2016 , 1, 55-58 | 0.2 | |
| 45 | Reproliferation of Idiopathic Epiretinal Membrane after Spontaneous Separation. <i>Journal of Korean Ophthalmological Society</i> , 2016 , 57, 682 | 0.2 | 1 |
| 44 | Comparison of the most common isolates of postoperative endophthalmitis in South Korea; Enterococcus species vs coagulase-negative staphylococci. <i>BMC Infectious Diseases</i> , 2016 , 16, 706 | 4 | 6 |
| 43 | Prognostic Factors of Anatomical Success in Microincisional Vitrectomy for Rhegmatogenous Retinal Detachment. <i>Journal of Korean Ophthalmological Society</i> , 2016 , 57, 1613 | 0.2 | 4 |
| 42 | Topographical relationship between the choroidal watershed zone and submacular idiopathic choroidal neovascularisation. <i>British Journal of Ophthalmology</i> , 2016 , 100, 652-9 | 5.5 | 8 |
| 41 | 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> , 2016 , 42, 1015-21 | 2.3 | 14 |
| 40 | Evaluation of Retinal Nerve Fiber Layer in Patients with Idiopathic Optic Perineuritis using Optical Coherence Tomography. <i>Neuro-Ophthalmology</i> , 2015 , 39, 34-38 | 0.9 | 3 |
| 39 | Analysis of the ganglion cell layer and photoreceptor layer using optical coherence tomography after idiopathic epiretinal membrane surgery. <i>Graefets Archive for Clinical and Experimental Ophthalmology</i> , 2015 , 253, 1829-30 | 3.8 | 3 |
| 38 | Clinical features of infectious endophthalmitis in South Korea: a five-year multicenter study. <i>BMC Infectious Diseases</i> , 2015 , 15, 177 | 4 | 31 |
| 37 | Natural History of Idiopathic Epiretinal Membrane in Eyes with Good Vision Assessed by Spectral-Domain Optical Coherence Tomography. <i>Ophthalmologica</i> , 2015 , 234, 91-100 | 3.7 | 21 |
| 36 | Regional Choroidal Thickness Changes in Branch Retinal Vein Occlusion with Macular Edema. <i>Ophthalmologica</i> , 2015 , 234, 109-18 | 3.7 | 22 |
| 35 | Changes in Visual Acuity after Idiopathic Epiretinal Membrane Removal: Good versus Poor Preoperative Visual Acuity. <i>Ophthalmologica</i> , 2015 , 234, 127-34 | 3.7 | 4 |
| 34 | Analysis of the ganglion cell layer and photoreceptor layer using optical coherence tomography after idiopathic epiretinal membrane surgery. <i>Graefets Archive for Clinical and Experimental Ophthalmology</i> , 2015 , 253, 207-14 | 3.8 | 16 |
| 33 | 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> , 2015 , 15, 121 | 2.3 | 25 |
| 32 | Perfluoro-n-octane Assisted Free Internal Limiting Membrane Flap Technique for Recurrent Macular Hole. <i>Retina</i> , 2015 , 35, 2652-6 | 3.6 | 32 |

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| 31 | Vitreotomy with Perfluorocarbon Liquid versus Combined Encircling for Retinal Detachment with Giant Retinal Tear. <i>Journal of Korean Ophthalmological Society</i> , 2015 , 56, 1880 | 0.2 | 1 |
| 30 | Accuracy of Predictive Refraction in Combined Vitrectomy-Cataract Surgery for Epiretinal Membrane and Macular Hole. <i>Journal of Korean Ophthalmological Society</i> , 2015 , 56, 219 | 0.2 | 2 |
| 29 | Intraocular Pharmacokinetics of Povidone-Iodine and Its Effects on Experimental Staphylococcus epidermidis Endophthalmitis 2015 , 56, 6694-700 | | 10 |
| 28 | Autologous Transplantation of Internal Limiting Membrane for the Treatment of Large Macular Hole. <i>Journal of Korean Ophthalmological Society</i> , 2015 , 56, 1899 | 0.2 | 2 |
| 27 | Effect of Posterior Subtenon Triamcinolone Injection during Vitrectomy for Idiopathic Epiretinal Membrane. <i>Journal of Korean Ophthalmological Society</i> , 2015 , 56, 1236 | 0.2 | 1 |
| 26 | Two Cases of Acute Spontaneous Resolution in Macula-Off Rhegmatogenous Retinal Detachment. <i>Journal of Korean Ophthalmological Society</i> , 2015 , 56, 466 | 0.2 | 1 |
| 25 | Internal Limiting Membrane Peeling Using 0.025% Brilliant Blue G During Vitrectomy. <i>Journal of Korean Ophthalmological Society</i> , 2015 , 56, 1044 | 0.2 | |
| 24 | The Effectiveness of Pediatric Blood Culture Bottle in Endophthalmitis. <i>Journal of Korean Ophthalmological Society</i> , 2015 , 56, 1365 | 0.2 | 1 |
| 23 | 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> , 2015 , 56, 1038 | 0.2 | 2 |
| 22 | Mobile lens-induced angle closure glaucoma and rubeosis iridis in Sturge Weber syndrome. <i>International Journal of Ophthalmology</i> , 2015 , 8, 1080-2 | 1.4 | 2 |
| 21 | Emergence of Enterococcus species in the infectious microorganisms cultured from patients with endophthalmitis in South Korea. <i>Infection</i> , 2014 , 42, 113-8 | 5.8 | 24 |
| 20 | Perfluoro-n-octane-assisted single-layered inverted internal limiting membrane flap technique for macular hole surgery. <i>Retina</i> , 2014 , 34, 1905-10 | 3.6 | 87 |
| 19 | Surgical Outcomes of Idiopathic Epiretinal Membrane with Good Visual Acuity. <i>Journal of Korean Ophthalmological Society</i> , 2014 , 55, 686 | 0.2 | 1 |
| 18 | Ocular Syphilis Presented as Occult Outer Retinopathy. <i>Journal of Korean Ophthalmological Society</i> , 2014 , 55, 785 | 0.2 | |
| 17 | Delayed Closure of Idiopathic Macular Hole after Vitrectomy, Internal Limiting Membrane Peeling, and Gas Tamponade. <i>Journal of Korean Ophthalmological Society</i> , 2014 , 55, 775 | 0.2 | |
| 16 | Macular hole formation in rhegmatogenous retinal detachment after scleral buckling. <i>Korean Journal of Ophthalmology: KJO</i> , 2014 , 28, 364-72 | 1.2 | 7 |
| 15 | 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> , 2014 , 21, 77 | 1.2 | |
| 14 | Extramacular drainage of subretinal fluid during vitrectomy for macular hole retinal detachment in high myopia. <i>Retina</i> , 2014 , 34, 1096-102 | 3.6 | 10 |

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| 13 | Goniosynechialysis for secondary angle closure glaucoma in a pseudophakic patient after vitrectomy and silicone oil injection. <i>International Journal of Ophthalmology</i> , 2014 , 7, 914-6 | 1.4 | 2 |
| 12 | Serous retinal detachment accompanied by MEWDS in a myopic patient with dome-shaped macula. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2014 , 45, 253-5 | 1.4 | 2 |
| 11 | Reduced-fluence photodynamic therapy in polypoidal choroidal vasculopathy nonresponsive to ranibizumab. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2014 , 45, 534-41 | 1.4 | 8 |
| 10 | 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> , 2013 , 38, 774-80 | 2.9 | 6 |
| 9 | Risk Factors of Retinal Detachment after Acute Retinal Necrosis. <i>Journal of Korean Ophthalmological Society</i> , 2013 , 54, 1694 | 0.2 | 1 |
| 8 | Inflammatory Cytokines in the Vitreous of Rabbits after Photocoagulation Using Pattern Scanning and Conventional Laser. <i>Journal of Korean Ophthalmological Society</i> , 2013 , 54, 149 | 0.2 | |
| 7 | Optic perineuritis secondary to acute retinal necrosis. <i>Journal of Neuro-Ophthalmology</i> , 2013 , 33, 419-21 | 2.6 | 12 |
| 6 | Clinical Outcomes of Secondary Intraocular Lens Implantation in Vitrectomized Aphakic Eyes Due to Ocular Trauma. <i>Journal of Korean Ophthalmological Society</i> , 2013 , 54, 1581 | 0.2 | |
| 5 | Lens-Save Versus Phacoemulsification with Intraocular Lens Implantation in Primary Vitrectomy for Phakic Rhegmatogenous Retinal Detachment. <i>Journal of Korean Ophthalmological Society</i> , 2013 , 54, 449 | 0.2 | 4 |
| 4 | Combined Therapy of Bevacizumab and Grid Photocoagulation for Macular Edema in Branch Retinal Vein Occlusion. <i>Journal of Korean Ophthalmological Society</i> , 2012 , 53, 1458 | 0.2 | |
| 3 | Tissue layer image of the photoreceptor layer in central serous chorioretinopathy using SD-OCT. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2012 , 43, S16-24 | 1.4 | 4 |
| 2 | Intravitreal triamcinolone acetonide for rebound phenomenon after high-dose intravenous steroid treatment in Vogt-Koyanagi-Harada disease. <i>Clinical Ophthalmology</i> , 2011 , 5, 1589-91 | 2.5 | 4 |
| 1 | Triamcinolone-induced intraocular pressure elevation: intravitreal injection for macular edema and posterior subtenon injection for uveitis. <i>Korean Journal of Ophthalmology: KJO</i> , 2006 , 20, 99-103 | 1.2 | 31 |