

Chan Kee Park

List of Publications by Citations

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Version: 2024-04-27

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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.

159
papers

2,988
citations

30
h-index

47
g-index

168
ext. papers

3,572
ext. citations

4.1
avg, IF

5.77
L-index

#	Paper	IF	Citations
159	Enhanced depth imaging detects lamina cribrosa thickness differences in normal tension glaucoma and primary open-angle glaucoma. <i>Ophthalmology</i> , 2012 , 119, 10-20	7.3	227
158	Optic disc torsion direction predicts the location of glaucomatous damage in normal-tension glaucoma patients with myopia. <i>Ophthalmology</i> , 2012 , 119, 1844-51	7.3	157
157	Retinal ganglion cell death induced by endoplasmic reticulum stress in a chronic glaucoma model. <i>Brain Research</i> , 2010 , 1308, 158-66	3.7	85
156	Imaging the posterior segment of the eye using swept-source optical coherence tomography in myopic glaucoma eyes: comparison with enhanced-depth imaging. <i>American Journal of Ophthalmology</i> , 2014 , 157, 550-7	4.9	79
155	Transneuronal retrograde degeneration of the retinal ganglion cells in patients with cerebral infarction. <i>Ophthalmology</i> , 2013 , 120, 1292-9	7.3	72
154	Diagnostic capability of lamina cribrosa thickness by enhanced depth imaging and factors affecting thickness in patients with glaucoma. <i>Ophthalmology</i> , 2013 , 120, 745-52	7.3	71
153	Choroidal Microvasculature Dropout Is Associated with Progressive Retinal Nerve Fiber Layer Thinning in Glaucoma with Disc Hemorrhage. <i>Ophthalmology</i> , 2018 , 125, 1003-1013	7.3	68
152	Retinal ganglion cell death is delayed by activation of retinal intrinsic cell survival program. <i>Brain Research</i> , 2005 , 1057, 17-28	3.7	67
151	Neuronal cell death in the inner retina and the influence of vascular endothelial growth factor inhibition in a diabetic rat model. <i>American Journal of Pathology</i> , 2014 , 184, 1752-62	5.8	66
150	Early diabetic changes in the nerve fibre layer at the macula detected by spectral domain optical coherence tomography. <i>British Journal of Ophthalmology</i> , 2011 , 95, 1223-8	5.5	61
149	Optic disc tilt direction determines the location of initial glaucomatous damage 2014 , 55, 4991-8		55
148	Glial cell response and iNOS expression in the optic nerve head and retina of the rat following acute high IOP ischemia-reperfusion. <i>Brain Research</i> , 2011 , 1403, 67-77	3.7	54
147	Glaucoma diagnostic ability of ganglion cell-inner plexiform layer thickness differs according to the location of visual field loss. <i>Ophthalmology</i> , 2014 , 121, 93-99	7.3	53
146	Comparative study of macular ganglion cell-inner plexiform layer and peripapillary retinal nerve fiber layer measurement: structure-function analysis 2013 , 54, 7344-53		52
145	Risk factors of implant exposure outside the conjunctiva after Ahmed glaucoma valve implantation. <i>Japanese Journal of Ophthalmology</i> , 2009 , 53, 114-119	2.6	51
144	Retinal glial cell responses and Fas/FasL activation in rats with chronic ocular hypertension. <i>Brain Research</i> , 2006 , 1122, 209-21	3.7	50
143	The foveal position relative to the optic disc and the retinal nerve fiber layer thickness profile in myopia 2014 , 55, 1419-26		46

142	Effect of prostaglandin analogues on tear proteomics and expression of cytokines and matrix metalloproteinases in the conjunctiva and cornea. <i>Experimental Eye Research</i> , 2012 , 94, 13-21	3.7	46
141	Clinical Clues to Predict the Presence of Parafoveal Scotoma on Humphrey 10-2 Visual Field Using a Humphrey 24-2 Visual Field. <i>American Journal of Ophthalmology</i> , 2016 , 161, 150-9	4.9	44
140	Nail bed hemorrhage: a clinical marker of optic disc hemorrhage in patients with glaucoma. <i>JAMA Ophthalmology</i> , 2011 , 129, 1299-304		40
139	Torsion of the optic nerve head is a prominent feature of normal-tension glaucoma. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 56, 156-63		39
138	Measurement of scleral thickness using swept-source optical coherence tomography in patients with open-angle glaucoma and myopia. <i>American Journal of Ophthalmology</i> , 2014 , 157, 876-84	4.9	39
137	Ischemia Reperfusion Injury Triggers TNF α -Induced-Necroptosis in Rat Retina. <i>Current Eye Research</i> , 2017 , 42, 771-779	2.9	36
136	Central visual field progression in normal-tension glaucoma patients with autonomic dysfunction 2014 , 55, 2557-63		33
135	Changes in the lamina and prelamina after intraocular pressure reduction in patients with primary open-angle glaucoma and acute primary angle-closure 2014 , 55, 233-9		33
134	Autonomic dysfunction in normal tension glaucoma: the short-term heart rate variability analysis. <i>Journal of Glaucoma</i> , 2010 , 19, 377-81	2.1	33
133	The effect of myopic optic disc tilt on measurement of spectral-domain optical coherence tomography parameters. <i>British Journal of Ophthalmology</i> , 2015 , 99, 69-74	5.5	32
132	Alterations of the synapse of the inner retinal layers after chronic intraocular pressure elevation in glaucoma animal model. <i>Molecular Brain</i> , 2014 , 7, 53	4.5	32
131	Disc Torsion and Vertical Disc Tilt Are Related to Subfoveal Scleral Thickness in Open-Angle Glaucoma Patients With Myopia 2015 , 56, 4927-35		32
130	Analysis of systemic endothelin-1, matrix metalloproteinase-9, macrophage chemoattractant protein-1, and high-sensitivity C-reactive protein in normal-tension glaucoma. <i>Current Eye Research</i> , 2012 , 37, 1121-6	2.9	32
129	Different contributions of autophagy to retinal ganglion cell death in the diabetic and glaucomatous retinas. <i>Scientific Reports</i> , 2018 , 8, 13321	4.9	30
128	Glaucoma diagnostic accuracy of optical coherence tomography parameters in early glaucoma with different types of optic disc damage. <i>Ophthalmology</i> , 2014 , 121, 1990-7	7.3	29
127	Retinal nerve fiber layer loss is associated with urinary albumin excretion in patients with type 2 diabetes. <i>Ophthalmology</i> , 2015 , 122, 976-81	7.3	29
126	Characteristics of optic disc morphology in glaucoma patients with parafoveal scotoma compared to peripheral scotoma 2012 , 53, 4813-20		29
125	Enhanced cytomegalovirus infection in human trabecular meshwork cells and its implication in glaucoma pathogenesis. <i>Scientific Reports</i> , 2017 , 7, 43349	4.9	28

124	Visualization of blebs using anterior-segment optical coherence tomography after glaucoma drainage implant surgery. <i>Ophthalmology</i> , 2013 , 120, 978-83	7.3	28
123	Serial changes in the bleb wall after glaucoma drainage implant surgery: characteristics during the hypertensive phase. <i>Acta Ophthalmologica</i> , 2015 , 93, e248-53	3.7	26
122	Association Between Parapapillary Choroidal Vessel Density Measured With Optical Coherence Tomography Angiography and Future Visual Field Progression in Patients With Glaucoma. <i>JAMA Ophthalmology</i> , 2019 , 137, 681-688	3.9	25
121	Alteration of retinal intrinsic survival signal and effect of alpha2-adrenergic receptor agonist in the retina of the chronic ocular hypertension rat. <i>Visual Neuroscience</i> , 2007 , 24, 127-39	1.7	25
120	Macular ganglion cell-inner plexiform layer thinning in patients with visual field defect that respects the vertical meridian. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2014 , 252, 1501-7	3.8	24
119	Factors affecting plastic lamina cribrosa displacement in glaucoma patients. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 55, 7709-15		24
118	Differential expression of two glutamate transporters, GLAST and GLT-1, in an experimental rat model of glaucoma. <i>Experimental Brain Research</i> , 2009 , 197, 101-9	2.3	23
117	Cytomegalovirus as a cause of hypertensive anterior uveitis in immunocompetent patients. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2016 , 6, 32	2.3	22
116	Foreign body reaction in glaucoma drainage implant surgery 2013 , 54, 3957-64		21
115	Age-related association of refractive error with intraocular pressure in the Korea National Health and Nutrition Examination Survey. <i>PLoS ONE</i> , 2014 , 9, e111879	3.7	21
114	Optic disc hemorrhage is related to various hemodynamic findings by disc angiography. <i>PLoS ONE</i> , 2015 , 10, e0120000	3.7	20
113	Mental Health Status and Quality of Life in Undiagnosed Glaucoma Patients: A Nationwide Population-Based Study. <i>Medicine (United States)</i> , 2016 , 95, e3523	1.8	20
112	The Location of the Deepest Point of the Eyeball Determines the Optic Disc Configuration. <i>Scientific Reports</i> , 2017 , 7, 5881	4.9	19
111	Characteristics of corneal biomechanical responses detected by a non-contact scheimpflug-based tonometer in eyes with glaucoma. <i>Acta Ophthalmologica</i> , 2017 , 95, e556-e563	3.7	18
110	Neuroprotective effects of cilostazol on retinal ganglion cell damage in diabetic rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 345, 457-63	4.7	18
109	Fluctuation in systolic blood pressure is a major systemic risk factor for development of primary open-angle glaucoma. <i>Scientific Reports</i> , 2017 , 7, 43734	4.9	17
108	Segmented inner plexiform layer thickness as a potential biomarker to evaluate open-angle glaucoma: Dendritic degeneration of retinal ganglion cell. <i>PLoS ONE</i> , 2017 , 12, e0182404	3.7	17
107	Comparison of prelaminar thickness between primary open angle glaucoma and normal tension glaucoma patients. <i>PLoS ONE</i> , 2015 , 10, e0120634	3.7	17

106	Optic disc characteristics in patients with glaucoma and combined superior and inferior retinal nerve fiber layer defects. <i>JAMA Ophthalmology</i> , 2014 , 132, 1068-75	3.9	17
105	The effects of peripapillary atrophy on the diagnostic ability of Stratus and Cirrus OCT in the analysis of optic nerve head parameters and disc size 2012 , 53, 4475-84		16
104	Expression-associated polymorphisms of CAV1-CAV2 affect intraocular pressure and high-tension glaucoma risk. <i>Molecular Vision</i> , 2015 , 21, 548-54	2.3	16
103	Metabolic Health, Obesity, and the Risk of Developing Open-Angle Glaucoma: Metabolically Healthy Obese Patients versus Metabolically Unhealthy but Normal Weight Patients. <i>Diabetes and Metabolism Journal</i> , 2020 , 44, 414-425	5	16
102	Association between Corneal Deformation Amplitude and Posterior Pole Profiles in Primary Open-Angle Glaucoma. <i>Ophthalmology</i> , 2016 , 123, 959-64	7.3	15
101	Clock-hour laminar displacement and age in primary open-angle glaucoma and normal tension glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, e183-9	2.4	15
100	Association between heart rate variability and systemic endothelin-1 concentration in normal-tension glaucoma. <i>Current Eye Research</i> , 2013 , 38, 516-9	2.9	15
99	Characteristics of Retinal Nerve Fiber Layer Defect in Nonglaucomatous Eyes With Type II Diabetes 2016 , 57, 4008-15		15
98	Difference in the posterior pole profiles associated with the initial location of visual field defect in early-stage normal tension glaucoma. <i>Acta Ophthalmologica</i> , 2015 , 93, e94-9	3.7	14
97	Risk factors of shallow anterior chamber other than hypotony after Ahmed glaucoma valve implant. <i>Journal of Glaucoma</i> , 2009 , 18, 44-8	2.1	14
96	Risk factors for the hypertensive phase after implantation of a glaucoma drainage device. <i>Acta Ophthalmologica</i> , 2016 , 94, e260-7	3.7	14
95	Vision-related Quality of Life in Korean Glaucoma Patients. <i>Journal of Glaucoma</i> , 2017 , 26, 159-165	2.1	13
94	Retinal nerve fiber layer thickness profiles associated with ocular laterality and dominance. <i>Neuroscience Letters</i> , 2014 , 558, 197-202	3.3	13
93	Relationship between Retinal Inner Nuclear Layer Thickness and Severity of Visual Field Loss in Glaucoma. <i>Scientific Reports</i> , 2017 , 7, 5543	4.9	13
92	Pattern Electroretinograms in Preperimetric and Perimetric Glaucoma. <i>American Journal of Ophthalmology</i> , 2020 , 215, 118-126	4.9	12
91	Detection of Functional Change in Preperimetric and Perimetric Glaucoma Using 10-2 Matrix Perimetry. <i>American Journal of Ophthalmology</i> , 2017 , 182, 35-44	4.9	12
90	Optic Disc Hemorrhage and Lamina Cribrosa Defects in Glaucoma Progression. <i>Scientific Reports</i> , 2017 , 7, 3489	4.9	12
89	Glaucoma Progression in the Unaffected Fellow Eye of Glaucoma Patients Who Developed Unilateral Branch Retinal Vein Occlusion. <i>American Journal of Ophthalmology</i> , 2017 , 175, 194-200	4.9	12

88	Effect of Macular Vascular Density on Central Visual Function and Macular Structure in Glaucoma Patients. <i>Scientific Reports</i> , 2018 , 8, 16009	4.9	12
87	The Pattern of Retinal Nerve Fiber Layer and Macular Ganglion Cell-Inner Plexiform Layer Thickness Changes in Glaucoma. <i>Journal of Ophthalmology</i> , 2017 , 2017, 6078365	2	11
86	Three-Dimensional Evaluation of Posterior Pole and Optic Nerve Head in Myopes with Glaucoma. <i>Scientific Reports</i> , 2017 , 7, 18001	4.9	11
85	Influence of the lamina cribrosa on the rate of global and localized retinal nerve fiber layer thinning in open-angle glaucoma. <i>Medicine (United States)</i> , 2017 , 96, e6295	1.8	10
84	Features of the Choroidal Microvasculature in Peripapillary Atrophy Are Associated With Visual Field Damage in Myopic Patients. <i>American Journal of Ophthalmology</i> , 2018 , 192, 206-216	4.9	10
83	The effect of anxiety and depression on progression of glaucoma. <i>Scientific Reports</i> , 2021 , 11, 1769	4.9	10
82	Vision-related quality of life according to location of visual field loss in patients with glaucoma. <i>Acta Ophthalmologica</i> , 2019 , 97, e772-e779	3.7	9
81	Increased levels of synaptic proteins involved in synaptic plasticity after chronic intraocular pressure elevation and modulation by brain-derived neurotrophic factor in a glaucoma animal model. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	9
80	Intereye Comparison of Cirrus OCT in Early Glaucoma Diagnosis and Detecting Photographic Retinal Nerve Fiber Layer Abnormalities. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 56, 1733-42		9
79	Racial Differences in the Extracellular Matrix and Histone Acetylation of the Lamina Cribrosa and Peripapillary Sclera 2017 , 58, 4143-4154		9
78	The Distinct Biometric Features of High Myopia Compared to Moderate Myopia. <i>Current Eye Research</i> , 2016 , 41, 1580-1583	2.9	9
77	Detecting autonomic dysfunction in patients with glaucoma using dynamic pupillometry. <i>Medicine (United States)</i> , 2019 , 98, e14658	1.8	9
76	The Ability of 10-2 Short-Wavelength Perimetry in Detecting Functional Loss of the Macular Area in Preperimetric Glaucoma Patients 2015 , 56, 7708-14		9
75	Interpretation of the Humphrey Matrix 24-2 test in the diagnosis of preperimetric glaucoma. <i>Japanese Journal of Ophthalmology</i> , 2009 , 53, 24-30	2.6	9
74	Early inner retinal thinning and cardiovascular autonomic dysfunction in type 2 diabetes. <i>PLoS ONE</i> , 2017 , 12, e0174377	3.7	9
73	Factors influencing vision-related quality of life according to glaucoma severity. <i>Acta Ophthalmologica</i> , 2019 , 97, e216-e224	3.7	9
72	Effects of aqueous suppressants and prostaglandin analogues on early wound healing after glaucoma implant surgery. <i>Scientific Reports</i> , 2019 , 9, 5251	4.9	8
71	Three Dimensional Evaluation of Posterior Pole and Optic Nerve Head in Tilted Disc. <i>Scientific Reports</i> , 2018 , 8, 1121	4.9	8

70	Dietary Niacin and Open-Angle Glaucoma: The Korean National Health and Nutrition Examination Survey. <i>Nutrients</i> , 2018 , 10,	6.7	8
69	Glaucoma diagnosis optic disc analysis comparing Cirrus spectral domain optical coherence tomography and Heidelberg retina tomograph II. <i>Japanese Journal of Ophthalmology</i> , 2013 , 57, 41-6	2.6	8
68	Lysyl oxidase-like 2 level and glaucoma surgical outcomes 2014 , 55, 3337-43		8
67	Difference in the properties of retinal nerve fiber layer defect between superior and inferior visual field loss in glaucoma 2013 , 54, 6982-90		8
66	Ocular Dominance Is Associated with the Ganglion Cell-Inner Plexiform Layer Thickness Profile in the Macula. <i>PLoS ONE</i> , 2016 , 11, e0150035	3.7	8
65	Effects of Early Postoperative Intraocular Pressure after Ahmed Glaucoma Valve Implantation on Long-term Surgical Outcomes. <i>Korean Journal of Ophthalmology: KJO</i> , 2018 , 32, 391-399	1.2	8
64	Visual Field Progression is Associated with Systemic Concentration of Macrophage Chemoattractant Protein-1 in Normal-Tension Glaucoma. <i>Current Eye Research</i> , 2017 , 42, 1002-1006	2.9	7
63	Impact of Posterior Sclera on Glaucoma Progression in Treated Myopic Normal-Tension Glaucoma Using Reconstructed Optical Coherence Tomographic Images 2019 , 60, 2198-2207		7
62	α -Adrenergic modulation of the glutamate receptor and transporter function in a chronic ocular hypertension model. <i>European Journal of Pharmacology</i> , 2015 , 765, 274-83	5.3	7
61	Health care claims for primary open-angle glaucoma and retinal vein occlusion from an 11-year nationwide dataset. <i>Scientific Reports</i> , 2017 , 7, 8038	4.9	7
60	Molecular analysis of myocilin and optineurin genes in Korean primary glaucoma patients. <i>Molecular Medicine Reports</i> , 2016 , 14, 2439-48	2.9	7
59	The effects of losartan on cytomegalovirus infection in human trabecular meshwork cells. <i>PLoS ONE</i> , 2019 , 14, e0218471	3.7	6
58	Vertical disc tilt and features of the optic nerve head anatomy are related to visual field defect in myopic eyes. <i>Scientific Reports</i> , 2019 , 9, 3485	4.9	6
57	Efficacy of Additional Glaucoma Drainage Device Insertion in Refractory Glaucoma: Case Series with a Systematic Literature Review and Meta-Analysis. <i>Seminars in Ophthalmology</i> , 2015 , 30, 345-51	2.4	6
56	Relationship between Systemic Vascular Characteristics and Retinal Nerve Fiber Layer Loss in Patients with Type 2 Diabetes. <i>Scientific Reports</i> , 2018 , 8, 10510	4.9	6
55	Relationship between pattern electroretinogram and optic disc morphology in glaucoma. <i>PLoS ONE</i> , 2019 , 14, e0220992	3.7	6
54	Comparison of the Effects of Dorzolamide/Timolol Fixed Combination versus Latanoprost on Intraocular Pressure and Ocular Perfusion Pressure in Patients with Normal-Tension Glaucoma: A Randomized, Crossover Clinical Trial. <i>PLoS ONE</i> , 2016 , 11, e0146680	3.7	6
53	Structure-Function Relationship in Glaucoma Patients With Parafoveal Versus Peripheral Nasal Scotoma 2016 , 57, 420-8		6

52	Association of Retinal Blood Flow with Progression of Visual Field in Glaucoma. <i>Scientific Reports</i> , 2019 , 9, 16813	4.9	6
51	Systemic Vascular Risk Factors for Multiple Retinal Nerve Fiber Layer Defects. <i>Scientific Reports</i> , 2018 , 8, 7797	4.9	6
50	Posterior scleral deformations around optic disc are associated with visual field damage in open-angle glaucoma patients with myopia. <i>PLoS ONE</i> , 2019 , 14, e0213714	3.7	5
49	Association of Scleral Deformation Around the Optic Nerve Head With Central Visual Function in Normal-Tension Glaucoma and Myopia. <i>American Journal of Ophthalmology</i> , 2020 , 217, 287-296	4.9	5
48	Intraocular pressure fluctuation and neurodegeneration in the diabetic rat retina. <i>British Journal of Pharmacology</i> , 2020 , 177, 3046-3059	8.6	5
47	Visual Field Tests for Glaucoma Patients With Initial Macular Damage: Comparison Between Frequency-doubling Technology and Standard Automated Perimetry Using 24-2 or 10-2 Visual Fields. <i>Journal of Glaucoma</i> , 2018 , 27, 627-634	2.1	5
46	Usefulness of 10-2 Matrix Frequency Doubling Technology Perimetry for Detecting Central Visual Field Defects in Preperimetric Glaucoma Patients. <i>Scientific Reports</i> , 2017 , 7, 14622	4.9	5
45	Optic Disc Change during Childhood Myopic Shift: Comparison between Eyes with an Enlarged Cup-To-Disc Ratio and Childhood Glaucoma Compared to Normal Myopic Eyes. <i>PLoS ONE</i> , 2015 , 10, e0131781	3.7	5
44	Pirfenidone inhibits fibrosis in foreign body reaction after glaucoma drainage device implantation. <i>Drug Design, Development and Therapy</i> , 2016 , 10, 1477-88	4.4	5
43	Retinal Nerve Fiber Layer Loss in Patients With Type 2 Diabetes and Diabetic Neuropathy. <i>Diabetes Care</i> , 2016 , 39, e69-70	14.6	5
42	Association between peripapillary scleral deformation and choroidal microvascular circulation in glaucoma. <i>Scientific Reports</i> , 2019 , 9, 18503	4.9	5
41	Comparison of pattern electroretinograms of glaucoma patients with parafoveal scotoma versus peripheral nasal step. <i>Scientific Reports</i> , 2019 , 9, 3547	4.9	4
40	Increased prelaminar tissue thickness in patients with open-angle glaucoma and type 2 diabetes. <i>PLoS ONE</i> , 2019 , 14, e0211641	3.7	4
39	The Association of Nailfold Capillaroscopy with Systemic Matrix Metalloproteinase-9 Concentration in Normal-Tension Glaucoma. <i>Current Eye Research</i> , 2015 , 40, 1001-7	2.9	4
38	Difference in Outcomes between First-Operated vs. Fellow-Operated Eyes in Patients Undergoing Bilateral Trabeculectomies. <i>PLoS ONE</i> , 2015 , 10, e0136869	3.7	4
37	Author reply: To PMID 23395544. <i>Ophthalmology</i> , 2014 , 121, e16-7	7.3	4
36	Risk Factors for Choroidal Detachment After Ahmed Valve Implantation in Glaucoma Patients. <i>American Journal of Ophthalmology</i> , 2020 , 211, 105-113	4.9	4
35	Posterior scleral deformation and autonomic dysfunction in normal tension glaucoma. <i>Scientific Reports</i> , 2020 , 10, 8203	4.9	3

34	Attenuated Visual Function in Patients with Major Depressive Disorder. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3
33	Corneal biomechanical responses detected using corvis st in primary open angle glaucoma and normal tension glaucoma. <i>Medicine (United States)</i> , 2020 , 99, e19126	1.8	3
32	Effects of a dorzolamide/timolol fixed combination on diurnal intraocular pressure, heart rate, blood pressure, and ocular perfusion pressure in normal-tension glaucoma. <i>Japanese Journal of Ophthalmology</i> , 2016 , 60, 377-82	2.6	3
31	The effect of tube length on postoperative outcome after glaucoma drainage implant surgery. <i>Acta Ophthalmologica</i> , 2013 , 91, e325-7	3.7	3
30	Characteristics of Normal-tension Glaucoma Patients with Temporal Retinal Nerve Fibre Defects. <i>Scientific Reports</i> , 2020 , 10, 6362	4.9	3
29	Transcriptional changes after herpes simplex virus type 1 infection in human trabecular meshwork cells. <i>PLoS ONE</i> , 2019 , 14, e0217567	3.7	2
28	Transverse Separation of the Outer Retinal Layer at the Peripapillary in Glaucomatous Myopes. <i>Scientific Reports</i> , 2018 , 8, 12446	4.9	2
27	Simultaneously performed combined 24-2 and 10-2 visual field tests in glaucoma. <i>Scientific Reports</i> , 2021 , 11, 1227	4.9	2
26	Machine learning prediction of pathologic myopia using tomographic elevation of the posterior sclera. <i>Scientific Reports</i> , 2021 , 11, 6950	4.9	2
25	Predicting the development of normal tension glaucoma and related risk factors in normal tension glaucoma suspects. <i>Scientific Reports</i> , 2021 , 11, 16697	4.9	2
24	Investigation of progression pattern and associated risk factors in glaucoma patients with initial paracentral scotomas using Humphrey 10-2. <i>Scientific Reports</i> , 2021 , 11, 18609	4.9	2
23	Cytokine profile and cytoskeletal changes after herpes simplex virus type 1 infection in human trabecular meshwork cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 9295-9305	5.6	2
22	Comparison of visual field tests in glaucoma patients with a central visual field defect. <i>Canadian Journal of Ophthalmology</i> , 2019 , 54, 489-494	1.4	1
21	A relationship between tube length and intra-ocular pressure after glaucoma drainage implant surgery cannot be explained by Poiseuille's law - author's reply. <i>Acta Ophthalmologica</i> , 2014 , 92, e157	3.7	1
20	Changes of the Retina and Intrinsic Survival Signals in a Rat Model of Glaucoma following Brinzolamide and Travoprost Treatments. <i>Ophthalmic Research</i> , 2011 , 46, 208-17	2.9	1
19	Interpretation of Frequency Doubling Technology Perimeter in Diagnosis of Glaucoma and Glaucoma Suspect. <i>Journal of Korean Ophthalmological Society</i> , 2007 , 48, 1096	0.2	1
18	Characteristics of progressive temporal visual field defects in patients with myopia. <i>Scientific Reports</i> , 2021 , 11, 9385	4.9	1
17	Determinants of vessel defects in superficial and deep vascular layers in normal-tension glaucoma using optical coherence tomography angiography. <i>Scientific Reports</i> , 2021 , 11, 9941	4.9	1

16	Relationship between corneal deformation amplitude and optic nerve head structure in primary open-angle glaucoma. <i>Medicine (United States)</i> , 2019 , 98, e17223	1.8	1
15	Comparison of Diagnostic Power of Optic Nerve Head and Posterior Sclera Configuration Parameters on Myopic Normal Tension Glaucoma. <i>Journal of Glaucoma</i> , 2019 , 28, 834-842	2.1	1
14	Angiotensin II related glial cell activation and necroptosis of retinal ganglion cells after systemic hypotension in glaucoma.. <i>Cell Death and Disease</i> , 2022 , 13, 323	9.8	1
13	Potential effect of the presence of gray crescent on analysis of optic disc and retinal nerve fiber layer defects-reply. <i>JAMA Ophthalmology</i> , 2015 , 133, 618	3.9	0
12	Parapapillary Choroidal Microvasculature Dropout in Branched Retinal Vein Occlusion and Glaucoma. 2022 , 63, 27		0
11	Association of choroidal blood flow with autonomic dysfunction in patients with normal tension glaucoma.. <i>Scientific Reports</i> , 2022 , 12, 5136	4.9	0
10	Microvasculature Recovery Detected Using Optical Coherence Tomography Angiography and the Rate of Visual Field Progression After Glaucoma Surgery. 2021 , 62, 17		0
9	Ocular and Hemodynamic Factors Contributing to the Central Visual Function in Glaucoma Patients With Myopia 2022 , 63, 26		0
8	Glaucoma Detection in High Myopia with the Heidelberg Retina Tomograph 3. <i>Seminars in Ophthalmology</i> , 2015 , 30, 377-82	2.4	
7	The Effectiveness of Visual Field C10-2 in the Early Detection of Glaucoma with Parafoveal Scotoma. <i>Journal of Korean Ophthalmological Society</i> , 2017 , 58, 321	0.2	
6	Agreement between frequency-doubling technology perimetry and Heidelberg retinal tomography 3. <i>Japanese Journal of Ophthalmology</i> , 2013 , 57, 252-6	2.6	
5	Reply. <i>American Journal of Ophthalmology</i> , 2017 , 181, 175-176	4.9	
4	Associations between Retinal Nerve Fiber Layer Defect and Systemic Indices According to the KNHNES 2010-2012. <i>Journal of Korean Ophthalmological Society</i> , 2019 , 60, 1089	0.2	
3	Relationship between Visual Field Sensitivity and Parameters of Retinal Nerve Fiber Layer Measured by Cirrus OCT in Eyes with Localized RNFL Defects. <i>Journal of the Korean Glaucoma Society</i> , 2015 , 4, 27	0.2	
2	Reply to Comment on: Pattern Electroretinograms in Preperimetric and Perimetric Glaucoma. <i>American Journal of Ophthalmology</i> , 2021 , 221, 325-326	4.9	
1	Comparison of Vision-related Quality of Life Between Normal Tension Glaucoma and Primary Open-angle Glaucoma.. <i>Journal of Glaucoma</i> , 2022 , 31, 322-328	2.1	