Young Kook Kim

List of Publications by Citations

109 papers	1,054 citations	19 h-index	26 g-index
122 ext. papers	1,355 ext. citations	4.1 avg, IF	4.85 L-index

#	Paper	IF	Citations
109	Temporal Relation between Macular Ganglion Cell-Inner Plexiform Layer Loss and Peripapillary Retinal Nerve Fiber Layer Loss in Glaucoma. *Ophthalmology*, **2017**, 124, 1056-1064	7.3	58
108	Trend-based Analysis of Ganglion Cell-Inner Plexiform Layer Thickness Changes on Optical Coherence Tomography in Glaucoma Progression. *Ophthalmology*, **2017**, 124, 1383-1391	7.3	49
107	Automated Detection of Hemifield Difference across Horizontal Raphe on Ganglion Cell--Inner Plexiform Layer Thickness Map. *Ophthalmology*, **2015**, 122, 2252-60	7.3	44
106	Lamina cribrosa defects in eyes with glaucomatous disc haemorrhage. *Acta Ophthalmologica*, **2016**, 94, e468-73	3.7	40
105	Diagnostic Ability of Wide-field Retinal Nerve Fiber Layer Maps Using Swept-Source Optical Coherence Tomography for Detection of Preperimetric and Early Perimetric Glaucoma. *Journal of Glaucoma*, **2017**, 26, 577-585	2.1	34
104	Mucoadhesive microparticles with a nanostructured surface for enhanced bioavailability of glaucoma drug. *Journal of Controlled Release*, **2015**, 220, 180-188	11.7	33
103	Inferior Macular Damage in Glaucoma: Its Relationship to Retinal Nerve Fiber Layer Defect in Macular Vulnerability Zone. *Journal of Glaucoma*, **2017**, 26, 126-132	2.1	32
102	Glaucoma-Diagnostic Ability of Ganglion Cell-Inner Plexiform Layer Thickness Difference Across Temporal Raphe in Highly Myopic Eyes **2016**, 57, 5856-5863		31
101	Metal-organic frameworks, NH-MIL-88(Fe), as carriers for ophthalmic delivery of brimonidine. *Acta Biomaterialia*, **2018**, 79, 344-353	10.8	30
100	Prelamina and Lamina Cribrosa in Glaucoma Patients With Unilateral Visual Field Loss **2016**, 57, 1662-70		29
99	Five-year incidence of primary open-angle glaucoma and rate of progression in health center-based Korean population: the Gangnam Eye Study. *PLoS ONE*, **2014**, 9, e114058	3.7	26
98	Topographic characteristics of optic disc hemorrhage in primary open-angle glaucoma **2014**, 55, 169-76		26
97	Effect of Focal Lamina Cribrosa Defect on Disc Hemorrhage Area in Glaucoma **2016**, 57, 899-907		25
96	Diurnal change of retinal vessel density and mean ocular perfusion pressure in patients with open-angle glaucoma. *PLoS ONE*, **2019**, 14, e0215684	3.7	22
95	Comparison of glaucoma-diagnostic ability between wide-field swept-source OCT retinal nerve fiber layer maps and spectral-domain OCT. *Eye*, **2018**, 32, 1483-1492	4.4	21
94	Combined Use of Retinal Nerve Fiber Layer and Ganglion Cell-Inner Plexiform Layer Event-based Progression Analysis. *American Journal of Ophthalmology*, **2018**, 196, 65-71	4.9	20
93	Topographic correlation between macular superficial microvessel density and ganglion cell-inner plexiform layer thickness in glaucoma-suspect and early normal-tension glaucoma. *British Journal of Ophthalmology*, **2020**, 104, 104-109	5.5	20

92	Baseline Lamina Cribrosa Curvature and Subsequent Visual Field Progression Rate in Primary Open-Angle Glaucoma. *Ophthalmology*, **2018**, 125, 1898-1906	7.3	20
91	Relative lens vault in subjects with angle closure. *BMC Ophthalmology*, **2014**, 14, 93	2.3	19
90	New Aspects of Vascular Calcification: Histone Deacetylases and Beyond. *Journal of Korean Medical Science*, **2017**, 32, 1738-1748	4.7	19
89	Serial Combined Wide-Field Optical Coherence Tomography Maps for Detection of Early Glaucomatous Structural Progression. *JAMA Ophthalmology*, **2018**, 136, 1121-1127	3.9	18
88	Assessment of Open-Angle Glaucoma Peripapillary and Macular Choroidal Thickness Using Swept-Source Optical Coherence Tomography (SS-OCT). *PLoS ONE*, **2016**, 11, e0157333	3.7	18
87	Temporal Raphe Sign for Discrimination of Glaucoma from Optic Neuropathy in Eyes with Macular Ganglion Cell-Inner Plexiform Layer Thinning. *Ophthalmology*, **2019**, 126, 1131-1139	7.3	17
86	Amino-Functionalized Mesoporous Silica Particles for Ocular Delivery of Brimonidine. *Molecular Pharmaceutics*, **2018**, 15, 3143-3152	5.6	16
85	Rate of Macular Ganglion Cell-inner Plexiform Layer Thinning in Glaucomatous Eyes With Vascular Endothelial Growth Factor Inhibition. *Journal of Glaucoma*, **2017**, 26, 980-986	2.1	15
84	Enhanced ocular efficacy of topically-delivered dorzolamide with nanostructured mucoadhesive microparticles. *International Journal of Pharmaceutics*, **2017**, 522, 66-73	6.5	14
83	Development of Topographic Scoring System for Identifying Glaucoma in Myopic Eyes: A Spectral-Domain OCT Study. *Ophthalmology*, **2018**, 125, 1710-1719	7.3	13
82	Rates of Ganglion Cell-Inner Plexiform Layer Thinning in Normal, Open-Angle Glaucoma and Pseudoexfoliation Glaucoma Eyes: A Trend-Based Analysis **2019**, 60, 599-604		12
81	Prevalence of Optic Disc Hemorrhage in Korea: The Korea National Health and Nutrition Examination Survey **2015**, 56, 3666-72		12
80	Understanding the reasons for loss to follow-up in patients with glaucoma at a tertiary referral teaching hospital in Korea. *British Journal of Ophthalmology*, **2017**, 101, 1059-1065	5.5	11
79	Evaluation of Optic Nerve Head and Peripapillary Choroidal Vasculature Using Swept-source Optical Coherence Tomography Angiography. *Journal of Glaucoma*, **2017**, 26, 665-668	2.1	11
78	Evaluation of Ganglion Cell-Inner Plexiform Layer Thinning in Eyes With Optic Disc Hemorrhage: A Trend-Based Progression Analysis **2017**, 58, 6449-6456		11
77	Ellipsoid Zone Change According to Glaucoma Stage Advancement. *American Journal of Ophthalmology*, **2018**, 192, 1-9	4.9	11
76	Intraocular pressure change during reading or writing on smartphone. *PLoS ONE*, **2018**, 13, e0206061	3.7	11
75	Comparison of 1-year outcomes after Ahmed glaucoma valve implantation with and without Ologen adjuvant. *BMC Ophthalmology*, **2018**, 18, 45	2.3	10

74	Factors affecting refractive outcome after cataract surgery in primary angle-closure glaucoma. *Clinical and Experimental Ophthalmology*, **2016**, 44, 693-700	2.4	10
73	Incidence of Open-angle Glaucoma in Newly Diagnosed Retinal Vein Occlusion: A Nationwide Population-based Study. *Journal of Glaucoma*, **2019**, 28, 111-118	2.1	9
72	Ten Years and Beyond Longitudinal Change of Zone Parapapillary Atrophy: Comparison of Primary Open-Angle Glaucoma with Normal Eyes. *Ophthalmology*, **2020**, 127, 1054-1063	7.3	9
71	Risk factors for disease progression in low-teens normal-tension glaucoma. *British Journal of Ophthalmology*, **2020**, 104, 81-86	5.5	9
70	Relationship Between Open-angle Glaucoma and Stroke: A 2010 to 2012 Korea National Health and Nutrition Examination Survey. *Journal of Glaucoma*, **2018**, 27, 22-27	2.1	9
69	Comparison of glaucoma patients referred by glaucoma screening versus referral from primary eye clinic. *PLoS ONE*, **2019**, 14, e0210582	3.7	8
68	Can Probability Maps of Swept-Source Optical Coherence Tomography Predict Visual Field Changes in Preperimetric Glaucoma? **2017**, 58, 6257-6264		8
67	Relationship between age and surgical success after trabeculectomy with adjunctive mitomycin C. *Eye*, **2018**, 32, 1321-1328	4.4	8
66	Evaluation of Layer-by-Layer Segmented Ganglion Cell Complex Thickness for Detecting Early Glaucoma According to Different Macular Grids. *Journal of Glaucoma*, **2017**, 26, 712-717	2.1	8
65	Twenty-four-Hour Intraocular Pressure-Related Patterns from Contact Lens Sensors in Normal-Tension Glaucoma and Healthy Eyes: The Exploring Nyctohemeral Intraocular pressure related pattern for Glaucoma Management (ENIGMA) Study. *Ophthalmology*, **2020**, 127, 1487-1497	7.3	8
64	Evaluation of Retinal Nerve Fiber Layer Thinning in Myopic Glaucoma: Impact of Optic Disc Morphology **2017**, 58, 6265-6272		7
63	Effect of manual eyelid manipulation on intraocular pressure measurement by rebound tonometry. *British Journal of Ophthalmology*, **2018**, 102, 1515-1519	5.5	7
62	Clinical Implications of In Vivo Lamina Cribrosa Imaging in Glaucoma. *Journal of Glaucoma*, **2017**, 26, 753-761	2.1	7
61	Efficacy and Safety of 8 Atropine Concentrations for Myopia Control in Children: A Network Meta-Analysis. *Ophthalmology*, **2021**,	7.3	7
60	Association of Angle Width With Progression of Normal-Tension Glaucoma: A Minimum 7-Year Follow-up Study. *JAMA Ophthalmology*, **2019**, 137, 13-20	3.9	7
59	Macular Ganglion Cell-Inner Plexiform Layer Thickness Prediction from Red-free Fundus Photography using Hybrid Deep Learning Model. *Scientific Reports*, **2020**, 10, 3280	4.9	6
58	Development of visual field defect after first-detected optic disc hemorrhage in preperimetric open-angle glaucoma. *Japanese Journal of Ophthalmology*, **2017**, 61, 307-313	2.6	6
57	Patterns of subsequent progression of localized retinal nerve fiber layer defects on red-free fundus photographs in normal-tension glaucoma. *Korean Journal of Ophthalmology: KJO*, **2014**, 28, 330-6	1.2	6

56	Machine learning classifiers-based prediction of normal-tension glaucoma progression in young myopic patients. *Japanese Journal of Ophthalmology*, **2020**, 64, 68-76	2.6	6
55	Comparison of Efficacy and Safety of Bleb Needle Revision With and Without 5-Fluorouracil for Failing Trabeculectomy Bleb. *Journal of Glaucoma*, **2019**, 28, 386-391	2.1	6
54	Prevalence and risk factors of superior segmental optic hypoplasia in a Korean population: the Korea National Health and Nutrition Examination Survey. *BMC Ophthalmology*, **2014**, 14, 157	2.3	5
53	Degree of Myopia and Glaucoma Risk: A Dose-Response Meta-Analysis. *American Journal of Ophthalmology*, **2021**,	4.9	5
52	Morphological characteristics of parapapillary atrophy and subsequent visual field progression in primary open-angle glaucoma. *British Journal of Ophthalmology*, **2021**, 105, 361-366	5.5	5
51	Impact of optic disc hemorrhage on subsequent glaucoma progression in mild-to-moderate myopia. *PLoS ONE*, **2017**, 12, e0189706	3.7	4
50	Prevalence of retinal nerve fiber layer defects: The Korea National Health and Nutrition Examination Survey 2008-2012. *PLoS ONE*, **2017**, 12, e0186032	3.7	4
49	Normal-tension Glaucoma Management: A Survey of Glaucoma Sub-specialists in Korea. *Korean Journal of Ophthalmology: KJO*, **2020**, 34, 425-431	1.2	4
48	Deep-learning-based enhanced optic-disc photography. *PLoS ONE*, **2020**, 15, e0239913	3.7	4
47	Topographic correlation between optic nerve head characteristics and retinal nerve fibre layer defect in primary open-angle glaucoma patients: Korea National Health and Nutrition Examination Survey. *Acta Ophthalmologica*, **2016**, 94, e98-e104	3.7	4
46	Rate of three-dimensional neuroretinal rim thinning in glaucomatous eyes with optic disc haemorrhage. *British Journal of Ophthalmology*, **2020**, 104, 648-654	5.5	3
45	Intraocular Pressure-Lowering Effect of Latanoprost Is Hampered by Defective Cervical Lymphatic Drainage. *PLoS ONE*, **2017**, 12, e0169683	3.7	3
44	Incidence of retinal vein occlusion in open-angle glaucoma: a nationwide, population-based study using the Korean Health Insurance Review and Assessment Database. *Clinical and Experimental Ophthalmology*, **2018**, 46, 637-644	2.4	3
43	Mathematical modelling of brimonidine absorption via topical delivery of microparticle formulations to the eye. *Journal of Industrial and Engineering Chemistry*, **2016**, 39, 194-202	6.3	3
42	A case of cholesterosis bulbi with secondary glaucoma treated by vitrectomy and intravitreal bevacizumab. *Korean Journal of Ophthalmology: KJO*, **2011**, 25, 362-5	1.2	3
41	Discriminating glaucomatous and compressive optic neuropathy on spectral-domain optical coherence tomography with deep learning classifier. *British Journal of Ophthalmology*, **2020**, 104, 1717-1723	5.5	3
40	Measurement of Optic Disc Cup Surface Depth Using Cirrus HD-OCT. *Journal of Glaucoma*, **2017**, 26, 1072-1080	2.1	3
39	Temporal Raphe Sign in Elderly Patients With Large Optic Disc Cupping: Its Evaluation as a Predictive Factor for Glaucoma Conversion. *American Journal of Ophthalmology*, **2020**, 219, 205-214	4.9	3

38	Facial Port-Wine Stain Phenotypes Associated with Glaucoma Risk in Neonates. *American Journal of Ophthalmology*, **2020**, 220, 183-190	4.9	3
37	Automated Quantification of Macular Ellipsoid Zone Intensity in Glaucoma Patients: the Method and its Comparison with Manual Quantification. *Scientific Reports*, **2019**, 9, 19771	4.9	3
36	Pre-perimetric Open Angle Glaucoma with Young Age of Onset: Natural Clinical Course and Risk Factors for Progression. *American Journal of Ophthalmology*, **2020**, 216, 121-131	4.9	3
35	Impact of myopia on the association of long-term intraocular pressure fluctuation with the rate of progression in normal-tension glaucoma. *British Journal of Ophthalmology*, **2021**, 105, 653-660	5.5	3
34	Assessment of peripapillary choroidal thickness in primary open-angle glaucoma patients with choroidal vascular prominence. *Japanese Journal of Ophthalmology*, **2017**, 61, 448-456	2.6	2
33	Age-Dependent Variation of Lamina Cribrosa Displacement During the Standardized Valsalva Maneuver. *Scientific Reports*, **2019**, 9, 6645	4.9	2
32	Optic Disc Microhemorrhage in Primary Open-Angle Glaucoma: Clinical Implications for Visual Field Progression **2019**, 60, 1824-1832		2
31	Comparison of changes of macular ganglion cell-inner plexiform layer defect between stable group and progression group in primary open-angle glaucoma. *Japanese Journal of Ophthalmology*, **2018**, 62, 491-498	2.6	2
30	Comparison of Glaucoma Progression Between Unilateral and Bilateral Disc Hemorrhage Eyes and Associated Risk Factors for Progression. *Journal of Glaucoma*, **2017**, 26, 774-779	2.1	2
29	Valsalva Maneuver-induced Changes in Anterior Lamina Cribrosa Surface DEPTH: A Comparison Between Normal and Glaucomatous Eyes. *Journal of Glaucoma*, **2017**, 26, 866-874	2.1	2
28	Comparison of 2007-2012 Korean trends in laser peripheral iridotomy and cataract surgery rates. *Japanese Journal of Ophthalmology*, **2014**, 58, 40-6	2.6	2
27	Dual-input convolutional neural network for glaucoma diagnosis using spectral-domain optical coherence tomography. *British Journal of Ophthalmology*, **2021**, 105, 1555-1560	5.5	2
26	Long-Term Follow-up on Glaucoma Patients With Initial Single-Hemifield Defect: Progression Patterns and Associated Factors. *Journal of Glaucoma*, **2019**, 28, 1041-1047	2.1	2
25	Changes in intraocular pressure during reading or writing on smartphones in patients with normal-tension glaucoma. *British Journal of Ophthalmology*, **2020**, 104, 623-628	5.5	2
24	Diurnal Variation of Choroidal Thickness in Primary Open-angle Glaucoma. *Journal of Glaucoma*, **2018**, 27, 1052-1060	2.1	2
23	Case of paediatric steroid-induced glaucoma showing extremely fast progression with deformation of lamina cribrosa. *Australasian journal of optometry, The*, **2019**, 102, 631-633	2.7	1
22	Predicting the Therapeutic Efficacy of Laser Peripheral Iridotomy for Individuals With Asymptomatic Narrow Angle: The Triple Hump Sign. *Journal of Glaucoma*, **2019**, 28, 125-130	2.1	1
21	Quantitative analysis of retinal nerve fiber layer defect in early open-angle glaucoma with normal intraocular pressure. *Japanese Journal of Ophthalmology*, **2020**, 64, 278-284	2.6	1

20	Factors affecting refractive outcome after cataract surgery in primary angle-closure glaucoma: methodological issues of prediction model - response. *Clinical and Experimental Ophthalmology*, **2017**, 45, 207-208	2.4	1
19	Comparison of Two Combinations of Maximum Medical Therapy for Lowering Intraocular Pressure in Primary Open-angle Glaucoma. *Korean Journal of Ophthalmology: KJO*, **2020**, 34, 19-26	1.2	1
18	Estimating visual field loss from monoscopic optic disc photography using deep learning model. *Scientific Reports*, **2020**, 10, 21052	4.9	1
17	Ten-year-and-beyond longitudinal change of β-zone parapapillary atrophy in glaucoma: association with retinal nerve fibre layer defect. *British Journal of Ophthalmology*, **2021**,	5.5	1
16	Association of Optic Disc Tilt and Torsion with Open-Angle Glaucoma Progression Risk: Meta-Analysis and Meta-Regression Analysis. *American Journal of Ophthalmology*, **2021**, 232, 30-39	4.9	1
15	Novel glaucoma model in rats using photo-crosslinked azidobenzoic acid-modified chitosan. *Materials Science and Engineering C*, **2021**, 125, 112112	8.3	1
14	Interdigitation Zone Change According to Glaucoma-Stage Advancement **2020**, 61, 20		1
13	Association between esodeviation and primary open-angle glaucoma: the 2010-2011 Korea National Health and Nutrition Examination Survey. *British Journal of Ophthalmology*, **2021**, 105, 1672-1677	5.5	0
12	Visual outcomes and associated factors of primary congenital glaucoma in children. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2021**, 259, 3445-3451	3.8	0
11	Comparative effectiveness of interventions for improving adherence to ocular hypotensive therapy in patients with glaucoma or ocular hypertension: protocol for network meta-analysis. *BMJ Open*, **2021**, 11, e054340	3	0
10	Incidence and risk factors of glaucoma after surgery for congenital cataract diagnosed under one year of age: Protocol for Korean Nationwide Epidemiological Study for Childhood Glaucoma (KoNEC).. *PLoS ONE*, **2022**, 17, e0264020	3.7	0
9	Reply. *Ophthalmology*, **2019**, 126, e69	7.3	
8	Baseline Diurnal Intraocular Pressure Can Predict Progression Rate of Visual Field Loss in Normal-tension Glaucoma. *Journal of the Korean Glaucoma Society*, **2021**, 10, 47	0.2	
7	Laser Peripheral Iridotomy **2021**, 45-56		
6	Reply. *American Journal of Ophthalmology*, **2019**, 197, 183-184	4.9	
5	Deep optic nerve head morphology and glaucoma progression in eyes with and without laminar dot sign: a longitudinal comparative study. *Eye*, **2021**, 35, 936-944	4.4	
4	Anterior Segment Imaging in Glaucoma **2021**, 89-99		
3	Three dimensional neuro-retinal rim thickness and retinal nerve fiber layer thickness using high-definition optical coherence tomography for open-angle glaucoma. *Japanese Journal of Ophthalmology*, **2018**, 62, 634-642	2.6	

2	In Reply: Comparison of Glaucoma Progression Between Unilateral and Bilateral Disc Hemorrhage Eyes and Associated Risk Factors for Progression. *Journal of Glaucoma*, **2018**, 27, e121-e122	2.1
1	Longitudinal changes of circumpapillary retinal nerve fiber layer thickness profile during childhood myopia progression.. *Scientific Reports*, **2022**, 12, 2555	4.9