Young Kook Kim

List of Publications by Year
in descending order

119 papers	1,676 citations	331670 21 h-index	414414 32 g-index
122 all docs	122 docs citations	122 times ranked	1472 citing authors

#	Article	IF	Citations
1	Association of progressive optic disc tilt with development of retinal nerve fibre layer defect in children with large cup-to-disc ratio. British Journal of Ophthalmology, 2023, 107, 869-875.	3.9	2
2	Ten-year-and-beyond longitudinal change of ÃŸ-zone parapapillary atrophy in glaucoma: association with retinal nerve fibre layer defect. British Journal of Ophthalmology, 2022, 106, 1393-1398.	3.9	2
3	Sovesudil (locally acting rho kinase inhibitor) for the treatment of normalâ€tension glaucoma: the randomized phase II study. Acta Ophthalmologica, 2022, 100, .	1.1	5
4	Degree of Myopia and Glaucoma Risk: A Dose-Response Meta-analysis. American Journal of Ophthalmology, 2022, 236, 107-119.	3.3	49
5	Efficacy and Safety of 8 Atropine Concentrations for Myopia Control in Children. Ophthalmology, 2022, 129, 322-333.	5.2	55
6	Decision Tree Algorithmâ^'Based Prediction of Vulnerability to Depressive and Anxiety Symptoms in Caregivers of Children With Glaucoma. American Journal of Ophthalmology, 2022, 239, 90-97.	3.3	3
7	Longitudinal changes of circumpapillary retinal nerve fiber layer thickness profile during childhood myopia progression. Scientific Reports, 2022, 12, 2555.	3.3	0
8	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.	2.5	1
9	Analysis of Variation in Incidence of Optic Disc Hemorrhage According to Seasonal and Temperature Changes. American Journal of Ophthalmology, 2022, 239, 84-89.	3.3	2
10	Iontophoretic ocular delivery of latanoprost-loaded nanoparticles via skin-attached electrodes. Acta Biomaterialia, 2022, 144, 32-41.	8.3	12
11	Macular sectorâ€wise decision tree model for the prediction of parafoveal scotoma not detected by 24â€2 visual field test. Clinical and Experimental Ophthalmology, 2022, 50, 510-521.	2.6	3
12	Long-term Changes of Retinal Nerve Fiber Layer Thickness in Superior Segmental Optic Nerve Hypoplasia. Journal of the Korean Glaucoma Society, 2022, 11, 12.	0.0	0
13	Association between esodeviation and primary open-angle glaucoma: the 2010â€“2011 Korea National Health and Nutrition Examination Survey. British Journal of Ophthalmology, 2021, 105, 1672-1677.	3.9	3
14	Morphological characteristics of parapapillary atrophy and subsequent visual field progression in primary open-angle glaucoma. British Journal of Ophthalmology, 2021, 105, 361-366.	3.9	8
15	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.	2.1	0
16	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.	3.9	15
17	Anterior Segment Imaging in Glaucoma. , 2021, , 89-99.		0
18	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.	3.3	7

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19	Novel glaucoma model in rats using photo-crosslinked azidobenzoic acid-modified chitosan. Materials Science and Engineering C, 2021, 125, 112112.	7.3	2
20	Visual outcomes and associated factors of primary congenital glaucoma in children. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 3445-3451.	1.9	3
21	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.	1.9	1
22	Laser Peripheral Iridotomy. , 2021, , 45-56.		0
23	Myopic Open-Angle Glaucoma Prevalence in Northeast Asia: A Systematic Review and Meta-Analysis of Population-Based Studies. Korean Journal of Ophthalmology: KJO, 2021, , .	1.1	0
24	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.	0.0	0
25	Risk factors for disease progression in low-teens normal-tension glaucoma. British Journal of Ophthalmology, 2020, 104, 81-86.	3.9	20
26	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.	3.9	29
27	Changes in intraocular pressure during reading or writing on smartphones in patients with normal-tension glaucoma. British Journal of Ophthalmology, 2020, 104, 623-628.	3.9	5
28	Machine learning classifiers-based prediction of normal-tension glaucoma progression in young myopic patients. Japanese Journal of Ophthalmology, 2020, 64, 68-76.	1.9	18
29	Deep-learning-based enhanced optic-disc photography. PLoS ONE, 2020, 15, e0239913.	2.5	7
30	Dual-input convolutional neural network for glaucoma diagnosis using spectral-domain optical coherence tomography. British Journal of Ophthalmology, 2020, 105, bjophthalmol-2020-316274.	3.9	7
31	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.	3.3	4
32	Estimating visual field loss from monoscopic optic disc photography using deep learning model. Scientific Reports, 2020, 10, 21052.	3.3	7
33	Facial Port-Wine Stain Phenotypes Associated with Glaucoma Risk in Neonates. American Journal of Ophthalmology, 2020, 220, 183-190.	3.3	11
34	Macular Ganglion Cell-Inner Plexiform Layer Thickness Prediction from Red-free Fundus Photography using Hybrid Deep Learning Model. Scientific Reports, 2020, 10, 3280.	3.3	11
35	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.	1.9	3
36	Ten Years and Beyond Longitudinal Change of ÃŸ-Zone Parapapillary Atrophy. Ophthalmology, 2020, 127, 1054-1063.	5.2	15

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37	Rate of three-dimensional neuroretinal rim thinning in glaucomatous eyes with optic disc haemorrhage. British Journal of Ophthalmology, 2020, 104, 648-654.	3.9	3
38	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.	3.3	16
39	Interdigitation Zone Change According to Glaucoma-Stage Advancement. , 2020, 61, 20.		2
40	Twenty-fourâ€“Hour Intraocular Pressureâ€“Related Patterns from Contact Lens Sensors in Normal-Tension Glaucoma and Healthy Eyes. Ophthalmology, 2020, 127, 1487-1497.	5.2	18
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.	3.9	10
42	Normal-tension Glaucoma Management: A Survey of Glaucoma Sub-specialists in Korea. Korean Journal of Ophthalmology: KJO, 2020, 34, 425-431.	1.1	7
43	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.	1.1	4
44	Blue-filter Fundus Photography for Detection of Retinal Nerve Fiber Layer Defect in Myopic Eyes. Ophthalmology, 2019, 126, 1118.	5.2	1
45	Reply. Ophthalmology, 2019, 126, e69.	5.2	0
46	Comparison of glaucoma patients referred by glaucoma screening versus referral from primary eye clinic. PLoS ONE, 2019, 14, e0210582.	2.5	10
47	Temporal Raphe Sign for Discrimination of Glaucoma from Optic Neuropathy in Eyes with Macular Ganglion Cellâ€“Inner Plexiform Layer Thinning. Ophthalmology, 2019, 126, 1131-1139.	5.2	27
48	Incidence of Open-angle Glaucoma in Newly Diagnosed Retinal Vein Occlusion: A Nationwide Population-based Study. Journal of Glaucoma, 2019, 28, 111-118.	1.6	11
49	Age-Dependent Variation of Lamina Cribrosa Displacement During the Standardized Valsalva Maneuver. Scientific Reports, 2019, 9, 6645.	3.3	2
50	Optic Disc Microhemorrhage in Primary Open-Angle Glaucoma: Clinical Implications for Visual Field Progression. , 2019, 60, 1824.		3
51	Case of paediatric steroidâ€induced glaucoma showing extremely fast progression with deformation of lamina cribrosa. Australasian journal of optometry, The, 2019, 102, 631-633.	1.3	1
52	Diurnal change of retinal vessel density and mean ocular perfusion pressure in patients with open-angle glaucoma. PLoS ONE, 2019, 14, e0215684.	2.5	31
53	Rates of Ganglion Cell-Inner Plexiform Layer Thinning in Normal, Open-Angle Glaucoma and Pseudoexfoliation Glaucoma Eyes: A Trend-Based Analysis. , 2019, 60, 599.		20
54	Predicting the Therapeutic Efficacy of Laser Peripheral Iridotomy for Individuals With Asymptomatic Narrow Angle. Journal of Glaucoma, 2019, 28, 125-130.	1.6	1

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55	Automated Quantification of Macular Ellipsoid Zone Intensity in Glaucoma Patients: the Method and its Comparison with Manual Quantification. Scientific Reports, 2019, 9, 19771.	3.3	3
56	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.	1.6	12
57	Long-Term Follow-up on Glaucoma Patients With Initial Single-Hemifield Defect: Progression Patterns and Associated Factors. Journal of Glaucoma, 2019, 28, 1041-1047.	1.6	4
58	Reply. American Journal of Ophthalmology, 2019, 197, 183-184.	3.3	0
59	Association of Angle Width With Progression of Normal-Tension Glaucoma. JAMA Ophthalmology, 2019, 137, 13.	2.5	9
60	Relationship between age and surgical success after trabeculectomy with adjunctive mitomycin C. Eye, 2018, 32, 1321-1328.	2.1	15
61	Effect of manual eyelid manipulation on intraocular pressure measurement by rebound tonometry. British Journal of Ophthalmology, 2018, 102, 1515-1519.	3.9	9
62	Incidence of retinal vein occlusion in openâ€angle glaucoma: a nationwide, populationâ€based study using the Korean Health Insurance Review and Assessment Database. Clinical and Experimental Ophthalmology, 2018, 46, 637-644.	2.6	10
63	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.	1.9	3
64	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.	1.6	12
65	Conversion of Single Optic Disc Photography into 3-Dimensional Image. Ophthalmology, 2018, 125, 1873.	5.2	1
66	Diurnal Variation of Choroidal Thickness in Primary Open-angle Glaucoma. Journal of Glaucoma, 2018, 27, 1052-1060.	1.6	5
67	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.	1.9	0
68	Intraocular pressure change during reading or writing on smartphone. PLoS ONE, 2018, 13, e0206061.	2.5	19
69	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.	1.6	0
70	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.	2.1	35
71	Baseline Lamina Cribrosa Curvature and Subsequent Visual Field Progression Rate in Primary Open-Angle Glaucoma. Ophthalmology, 2018, 125, 1898-1906.	5.2	29
72	Serial Combined Wide-Field Optical Coherence Tomography Maps for Detection of Early Glaucomatous Structural Progression. JAMA Ophthalmology, 2018, 136, 1121.	2.5	25

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73	Amino-Functionalized Mesoporous Silica Particles for Ocular Delivery of Brimonidine. Molecular Pharmaceutics, 2018, 15, 3143-3152.	4.6	22
74	Comparison of 1-year outcomes after Ahmed glaucoma valve implantation with and without Ologen adjuvant. BMC Ophthalmology, 2018, 18, 45.	1.4	13
75	Ellipsoid Zone Change According to Glaucoma Stage Advancement. American Journal of Ophthalmology, 2018, 192, 1-9.	3.3	14
76	Metal-organic frameworks, NH2-MIL-88(Fe), as carriers for ophthalmic delivery of brimonidine. Acta Biomaterialia, 2018, 79, 344-353.	8.3	70
77	Combined Use of Retinal Nerve Fiber Layer and Ganglion Cellâ€“Inner Plexiform Layer Event-based Progression Analysis. American Journal of Ophthalmology, 2018, 196, 65-71.	3.3	29
78	Development of Topographic Scoring System for Identifying Glaucoma in Myopic Eyes. Ophthalmology, 2018, 125, 1710-1719.	5.2	19
79	Enhanced ocular efficacy of topically-delivered dorzolamide with nanostructured mucoadhesive microparticles. International Journal of Pharmaceutics, 2017, 522, 66-73.	5.2	19
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.	3.9	18
81	Temporal Relation between Macular Ganglion Cellâ€“Inner Plexiform Layer Loss and Peripapillary Retinal Nerve Fiber Layer Loss in Glaucoma. Ophthalmology, 2017, 124, 1056-1064.	5.2	71
82	Trend-based Analysis of Ganglion Cellâ€“Inner Plexiform Layer Thickness Changes on Optical Coherence Tomography in Glaucoma Progression. Ophthalmology, 2017, 124, 1383-1391.	5.2	65
83	Evaluation of Optic Nerve Head and Peripapillary Choroidal Vasculature Using Swept-source Optical Coherence Tomography Angiography. Journal of Glaucoma, 2017, 26, 665-668.	1.6	18
84	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.	1.6	50
85	Assessment of peripapillary choroidal thickness in primary open-angle glaucoma patients with choroidal vascular prominence. Japanese Journal of Ophthalmology, 2017, 61, 448-456.	1.9	4
86	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.	1.6	22
87	Comparison of Glaucoma Progression Between Unilateral and Bilateral Disc Hemorrhage Eyes and Associated Risk Factors for Progression. Journal of Glaucoma, 2017, 26, 774-779.	1.6	3
88	Clinical Implications of In Vivo Lamina Cribrosa Imaging in Glaucoma. Journal of Glaucoma, 2017, 26, 753-761.	1.6	12
89	Development of visual field defect after first-detected optic disc hemorrhage in preperimetric open-angle glaucoma. Japanese Journal of Ophthalmology, 2017, 61, 307-313.	1.9	9
90	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.	1.6	10

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91	Factors affecting refractive outcome after cataract surgery in primary angleâ€closure glaucoma: methodological issues of prediction model â€“ response. Clinical and Experimental Ophthalmology, 2017, 45, 207-208.	2.6	1
92	Valsalva Maneuver-induced Changes in Anterior Lamina Cribrosa Surface DEPTH: A Comparison Between Normal and Glaucomatous Eyes. Journal of Glaucoma, 2017, 26, 866-874.	1.6	3
93	Inferior Macular Damage in Glaucoma: Its Relationship to Retinal Nerve Fiber Layer Defect in Macular Vulnerability Zone. Journal of Glaucoma, 2017, 26, 126-132.	1.6	41
94	New Aspects of Vascular Calcification: Histone Deacetylases and Beyond. Journal of Korean Medical Science, 2017, 32, 1738.	2.5	21
95	Evaluation of Ganglion Cellâ€“Inner Plexiform Layer Thinning in Eyes With Optic Disc Hemorrhage: A Trend-Based Progression Analysis. , 2017, 58, 6449.		15
96	Intraocular Pressure-Lowering Effect of Latanoprost Is Hampered by Defective Cervical Lymphatic Drainage. PLoS ONE, 2017, 12, e0169683.	2.5	5
97	Impact of optic disc hemorrhage on subsequent glaucoma progression in mild-to-moderate myopia. PLoS ONE, 2017, 12, e0189706.	2.5	6
98	Evaluation of Retinal Nerve Fiber Layer Thinning in Myopic Glaucoma: Impact of Optic Disc Morphology. , 2017, 58, 6265.		8
99	Can Probability Maps of Swept-Source Optical Coherence Tomography Predict Visual Field Changes in Preperimetric Glaucoma?. , 2017, 58, 6257.		10
100	Measurement of Optic Disc Cup Surface Depth Using Cirrus HD-OCT. Journal of Glaucoma, 2017, 26, 1072-1080.	1.6	5
101	Prevalence of retinal nerve fiber layer defects: The Korea National Health and Nutrition Examination Survey 2008â€“2012. PLoS ONE, 2017, 12, e0186032.	2.5	5
102	Assessment of Open-Angle Glaucoma Peripapillary and Macular Choroidal Thickness Using Swept-Source Optical Coherence Tomography (SS-OCT). PLoS ONE, 2016, 11, e0157333.	2.5	22
103	Effect of Focal Lamina Cribrosa Defect on Disc Hemorrhage Area in Glaucoma. , 2016, 57, 899.		31
104	Prelamina and Lamina Cribrosa in Glaucoma Patients With Unilateral Visual Field Loss. , 2016, 57, 1662.		33
105	Glaucoma-Diagnostic Ability of Ganglion Cell-Inner Plexiform Layer Thickness Difference Across Temporal Raphe in Highly Myopic Eyes. , 2016, 57, 5856.		43
106	Factors affecting refractive outcome after cataract surgery in primary angleâ€closure glaucoma. Clinical and Experimental Ophthalmology, 2016, 44, 693-700.	2.6	17
107	Topographic correlation between optic nerve head characteristics and retinal nerve fibre layer defect in primary openâ€angle glaucoma patients: Korea National Health and Nutrition Examination Survey. Acta Ophthalmologica, 2016, 94, e98-e104.	1.1	5
108	Mathematical modelling of brimonidine absorption via topical delivery of microparticle formulations to the eye. Journal of Industrial and Engineering Chemistry, 2016, 39, 194-202.	5.8	3

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109	Lamina cribrosa defects in eyes with glaucomatous disc haemorrhage. Acta Ophthalmologica, 2016, 94, e468-73.	1.1	44
110	Prevalence of Optic Disc Hemorrhage in Korea: The Korea National Health and Nutrition Examination Survey. , 2015, 56, 3666.		13
111	Mucoadhesive microparticles with a nanostructured surface for enhanced bioavailability of glaucoma drug. Journal of Controlled Release, 2015, 220, 180-188.	9.9	39
112	Automated Detection of Hemifield Difference across Horizontal Raphe on Ganglion Cellâ€“Inner Plexiform Layer Thickness Map. Ophthalmology, 2015, 122, 2252-2260.	5.2	55
113	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.	2.5	35
114	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.	1.1	7
115	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.	1.4	8
116	Topographic Characteristics of Optic Disc Hemorrhage in Primary Open-Angle Glaucoma. , 2014, 55, 169.		31
117	Comparison of 2007â€“2012 Korean trends in laser peripheral iridotomy and cataract surgery rates. Japanese Journal of Ophthalmology, 2014, 58, 40-46.	1.9	3
118	Relative lens vault in subjects with angle closure. BMC Ophthalmology, 2014, 14, 93.	1.4	28
119	A Case of Cholesterosis Bulbi with Secondary Glaucoma Treated by Vitrectomy and Intravitreal Bevacizumab. Korean Journal of Ophthalmology: KJO, 2011, 25, 362.	1.1	3