

Kyung Rim Sung

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8620917/publications.pdf>

Version: 2024-02-01

100
papers

2,678
citations

304743

22
h-index

254184

43
g-index

100
all docs

100
docs citations

100
times ranked

2218
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Age on Optical Coherence Tomography Measurements of Healthy Retinal Nerve Fiber Layer, Macula, and Optic Nerve Head. <i>Ophthalmology</i> , 2009, 116, 1119-1124.	5.2	189
2	Comparison of Retinal Nerve Fiber Layer Thickness Measured by Cirrus HD and Stratus Optical Coherence Tomography. <i>Ophthalmology</i> , 2009, 116, 1264-1270.e1.	5.2	184
3	Twenty-four Hour Ocular Perfusion Pressure Fluctuation and Risk of Normal-Tension Glaucoma Progression. , 2009, 50, 5266.		143
4	Comparison of Glaucoma Diagnostic Capabilities of Cirrus HD and Stratus Optical Coherence Tomography. <i>JAMA Ophthalmology</i> , 2009, 127, 1603.	2.4	128
5	Progression Detection Capability of Macular Thickness in Advanced Glaucomatous Eyes. <i>Ophthalmology</i> , 2012, 119, 308-313.	5.2	127
6	Ganglion Cellâ€“Inner Plexiform Layer Change Detected by Optical Coherence Tomography Indicates Progression in Advanced Glaucoma. <i>Ophthalmology</i> , 2017, 124, 1466-1474.	5.2	123
7	Imaging of the retinal nerve fibre layer with spectral domain optical coherence tomography for glaucoma diagnosis. <i>British Journal of Ophthalmology</i> , 2011, 95, 909-914.	3.9	87
8	Characteristics of Visual Field Progression in Medically Treated Normal-Tension Glaucoma Patients with Unstable Ocular Perfusion Pressure. , 2011, 52, 737.		82
9	Glaucoma Diagnostic Capabilities of Optic Nerve Head Parameters as Determined by Cirrus HD Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2012, 21, 498-504.	1.6	81
10	Macular assessment using optical coherence tomography for glaucoma diagnosis: TableÂ1. <i>British Journal of Ophthalmology</i> , 2012, 96, 1452-1455.	3.9	72
11	Factors Associated with Anterior Chamber Narrowing with Age: An Optical Coherence Tomography Study. , 2012, 53, 2607.		69
12	Effect of Myopia on the Progression of Primary Open-Angle Glaucoma. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 1775-1781.	3.3	68
13	Longitudinal Changes in Anterior Segment Parameters After Laser Peripheral Iridotomy Assessed by Anterior Segment Optical Coherence Tomography. , 2013, 54, 3166.		64
14	Treatment patterns and medication adherence of patients with glaucoma in South Korea. <i>British Journal of Ophthalmology</i> , 2017, 101, 801-807.	3.9	61
15	Residual anterior chamber angle closure in narrow-angle eyes following laser peripheral iridotomy: anterior segment optical coherence tomography quantitative study. <i>Japanese Journal of Ophthalmology</i> , 2011, 55, 213-219.	1.9	54
16	Peripapillary Microvascular Improvement and Lamina Cribrosa Depth Reduction After Trabeculectomy in Primary Open-Angle Glaucoma. , 2017, 58, 5993.		52
17	Optical coherence tomography angiography vessel density mapping at various retinal layers in healthy and normal tension glaucoma eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1193-1202.	1.9	50
18	Patterns of Progressive Ganglion Cellâ€“Inner Plexiform Layer Thinning in Glaucoma Detected by OCT. <i>Ophthalmology</i> , 2018, 125, 1515-1525.	5.2	50

#	ARTICLE	IF	CITATIONS
19	Comparison of Anterior Segment Parameters Between the Acute Primary Angle Closure Eye and the Fellow Eye. , 2014, 55, 3646.		48
20	Effects of Age on Peripapillary and Macular Vessel Density Determined Using Optical Coherence Tomography Angiography in Healthy Eyes. , 2019, 60, 3492.		48
21	Outcomes of Laser Peripheral Iridotomy in Angle Closure Subgroups According to Anterior Segment Optical Coherence Tomography Parameters. Investigative Ophthalmology and Visual Science, 2014, 55, 6795-6801.	3.3	40
22	Dynamic Changes in Anterior Segment (AS) Parameters in Eyes with Primary Angle Closure (PAC) and PAC Glaucoma and Open-Angle Eyes Assessed Using AS Optical Coherence Tomography. , 2012, 53, 693.		38
23	Effect of age on anterior chamber angle configuration in Asians determined by anterior segment optical coherence tomography; clinic-based study. Acta Ophthalmologica, 2010, 88, e205-10.	1.1	37
24	Long-Term Effects of Multiple Intravitreal Antivascular Endothelial Growth Factor Injections on Intraocular Pressure. American Journal of Ophthalmology, 2014, 157, 1266-1271.e1.	3.3	37
25	A Hierarchical Cluster Analysis of Primary Angle Closure Classification Using Anterior Segment Optical Coherence Tomography Parameters. , 2013, 54, 848.		36
26	Long-term Changes in Anterior Segment Characteristics of Eyes With Different Primary Angle-Closure Mechanisms. American Journal of Ophthalmology, 2018, 191, 54-63.	3.3	32
27	Ganglion Cell-Inner Plexiform Layer and Retinal Nerve Fiber Layer Changes in Glaucoma Suspects Enable Prediction of Glaucoma Development. American Journal of Ophthalmology, 2020, 210, 26-34.	3.3	31
28	Subclassification of Primary Angle Closure Using Anterior Segment Optical Coherence Tomography and Ultrasound Biomicroscopic Parameters. Ophthalmology, 2017, 124, 1039-1047.	5.2	30
29	The Prevalence of Open-Angle Glaucoma by Age in Myopia: The Korea National Health and Nutrition Examination Survey. Current Eye Research, 2017, 42, 65-71.	1.5	29
30	The Relationship Between Peripapillary Vascular Density and Visual Field Sensitivity in Primary Open-Angle and Angle-Closure Glaucoma. , 2018, 59, 5862.		29
31	Retinal Nerve Fiber Layer Normative Classification by Optical Coherence Tomography for Prediction of Future Visual Field Loss. , 2011, 52, 2634.		27
32	Ganglion cell and inner plexiform layer thickness determined by spectral domain optical coherence tomography in patients with brain lesions. British Journal of Ophthalmology, 2015, 99, 329-335.	3.9	26
33	Baseline Anterior Segment Parameters Associated with the Long-term Outcome of Laser Peripheral Iridotomy. Current Eye Research, 2015, 40, 1128-1133.	1.5	24
34	Glaucoma Structural and Functional Progression in American and Korean Cohorts. Ophthalmology, 2016, 123, 783-788.	5.2	20
35	Lamina Cribrosa-Related Parameters Assessed by Optical Coherence Tomography for Prediction of Future Glaucoma Progression. Current Eye Research, 2016, 41, 806-813.	1.5	20
36	Factors Associated With Zonular Instability During Cataract Surgery in Eyes With Acute Angle Closure Attack. American Journal of Ophthalmology, 2017, 183, 118-124.	3.3	20

#	ARTICLE	IF	CITATIONS
37	Optic disc and peripapillary retinal nerve fiber layer characteristics associated with glaucomatous optic disc in young myopia. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 591-598.	1.9	19
38	Effect of Preoperative Intravitreal Bevacizumab on the Surgical Outcome of Neovascular Glaucoma at Different Stages. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-7.	1.3	18
39	Factors influencing vision-related quality of life according to glaucoma severity. <i>Acta Ophthalmologica</i> , 2019, 97, e216-e224.	1.1	18
40	Prevalence of Pseudoexfoliation Syndrome and Associated Factors in South Koreans: The Korean National Health and Nutrition Examination Survey. <i>Ophthalmic Epidemiology</i> , 2016, 23, 298-302.	1.7	16
41	Vision-related Quality of Life in Korean Glaucoma Patients. <i>Journal of Glaucoma</i> , 2017, 26, 159-165.	1.6	16
42	Relationship between the Lamina Cribrosa, Outer Retina, and Choroidal Thickness as Assessed Using Spectral Domain Optical Coherence Tomography. <i>Korean Journal of Ophthalmology: KJO</i> , 2014, 28, 234.	1.1	15
43	Risk Factors Associated With Glaucomatous Progression in Pseudoexfoliation Patients. <i>Journal of Glaucoma</i> , 2017, 26, 1107-1113.	1.6	15
44	Vision-related quality of life according to location of visual field loss in patients with glaucoma. <i>Acta Ophthalmologica</i> , 2019, 97, e772-e779.	1.1	15
45	Statins reduce TGF-beta2-modulation of the extracellular matrix in cultured astrocytes of the human optic nerve head. <i>Experimental Eye Research</i> , 2017, 164, 55-63.	2.6	14
46	Hierarchical Cluster Analysis of Progression Patterns in Open-Angle Glaucoma Patients With Medical Treatment. , 2014, 55, 3231.		13
47	Lamina cribrosa depth according to the level of axial length in normal and glaucomatous eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 2247-2253.	1.9	13
48	Longitudinal Macular Ganglion Cell Inner Plexiform Layer Measurements to Detect Glaucoma Progression in High Myopia. <i>American Journal of Ophthalmology</i> , 2021, 223, 9-20.	3.3	12
49	Comparison of the Progression of High- and Low-tension Glaucoma as Determined by Two Different Criteria. <i>Korean Journal of Ophthalmology: KJO</i> , 2016, 30, 40.	1.1	11
50	Progressive change in peripapillary atrophy in myopic glaucomatous eyes. <i>British Journal of Ophthalmology</i> , 2018, 102, 1527-1532.	3.9	11
51	Can Artificial Intelligence Predict Glaucomatous Visual Field Progression? A Spatial Ordinal Convolutional Neural Network Model. <i>American Journal of Ophthalmology</i> , 2022, 233, 124-134.	3.3	11
52	Progression of primary open angle glaucoma in asymmetrically myopic eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1331-1337.	1.9	10
53	Myopic glaucomatous eyes with or without optic disc shape alteration: a longitudinal study. <i>British Journal of Ophthalmology</i> , 2017, 101, 1618-1622.	3.9	10
54	Age-Related Physiologic Thinning Rate of the Retinal Nerve Fiber Layer in Different Levels of Myopia. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-6.	1.3	10

#	ARTICLE	IF	CITATIONS
55	Comparison of rates of retinal nerve fibre layer thinning between patients with non-myopic and myopic glaucoma. <i>British Journal of Ophthalmology</i> , 2016, 100, 699-703.	3.9	9
56	Influence of Vitrectomy-related Factors on the Outcome of Ahmed Glaucoma Valve Implantation. <i>Korean Journal of Ophthalmology: KJO</i> , 2018, 32, 400.	1.1	9
57	Factors Associated with Outcomes of Combined Phacoemulsification and Ahmed Glaucoma Valve Implantation. <i>Korean Journal of Ophthalmology: KJO</i> , 2018, 32, 211.	1.1	9
58	Additive Role of Optical Coherence Tomography Angiography Vessel Density Measurements in Glaucoma Diagnoses. <i>Korean Journal of Ophthalmology: KJO</i> , 2019, 33, 315.	1.1	9
59	Comparison of Lamina Cribrosa Curvature in Pseudoexfoliation and Primary Open-Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2021, 223, 1-8.	3.3	9
60	Progressive Optic Disc Tilt in Young Myopic Glaucomatous Eyes. <i>Korean Journal of Ophthalmology: KJO</i> , 2019, 33, 520.	1.1	9
61	Assessment of Macular Ganglion Cell Loss Patterns in Neurologic Lesions That Mimic Glaucoma. <i>Korean Journal of Ophthalmology: KJO</i> , 2014, 28, 314.	1.1	8
62	The Effect of Optic Disc Center Displacement on Retinal Nerve Fiber Layer Measurement Determined by Spectral Domain Optical Coherence Tomography. <i>PLoS ONE</i> , 2016, 11, e0165538.	2.5	8
63	ACHIKO-K: Database of fundus images from glaucoma patients. , 2013, , .		7
64	Clinical and Anterior Segment Anatomical Features in Primary Angle Closure Subgroups Based on Configurations of Iris Root Insertion. <i>Korean Journal of Ophthalmology: KJO</i> , 2016, 30, 206.	1.1	7
65	Factors Associated with Loss of Visual Function in Medically Treated Advanced Normal Tension Glaucoma. <i>Current Eye Research</i> , 2017, 42, 429-435.	1.5	7
66	Prostaglandin-associated periorbitopathy syndrome (PAPS): Addressing an unmet clinical need. <i>Seminars in Ophthalmology</i> , 2022, 37, 447-454.	1.6	7
67	Comparison of the Safety and Efficacy between Preserved and Preservative-Free Latanoprost and Preservative-Free Tafluprost. <i>Pharmaceuticals</i> , 2021, 14, 501.	3.8	6
68	Neuroprotective Effect of Statins in a Rat Model of Chronic Ocular Hypertension. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12500.	4.1	6
69	Factors Associated with Deterioration of Primary Angle Closure after Lens Extraction. <i>Journal of Clinical Medicine</i> , 2022, 11, 2557.	2.4	6
70	Comparison of Clinical Characteristics and Progression Rates of Bilaterally and Unilaterally Progressing Glaucoma. <i>Korean Journal of Ophthalmology: KJO</i> , 2015, 29, 40.	1.1	5
71	Effects of Laser Peripheral Iridotomy in Subgroups of Primary Angle Closure Based on Iris Insertion. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-7.	1.3	5
72	Relationship between Progressive Changes in Lamina Cribrosa Depth and Deterioration of Visual Field Loss in Glaucomatous Eyes. <i>Korean Journal of Ophthalmology: KJO</i> , 2018, 32, 470.	1.1	4

#	ARTICLE	IF	CITATIONS
73	A Path Analysis of Effects of Patients's™ Underlying Conditions, Treatment Satisfaction, and Adherence on Quality of Life Among Korea Glaucoma Patients. <i>Journal of Glaucoma</i> , 2019, 28, 785-789.	1.6	4
74	Vitreous Zonule and its Relation to Anterior Chamber Angle Characteristics in Primary Angle Closure. <i>Journal of Glaucoma</i> , 2019, 28, 1048-1053.	1.6	4
75	Clinical Characteristics of Glaucomatous Subjects Treated with Refractive Corneal Ablation Surgery. <i>Korean Journal of Ophthalmology: KJO</i> , 2013, 27, 103.	1.1	3
76	Macular Ganglion Cell Layer Assessment to Detect Glaucomatous Central Visual Field Progression. <i>Korean Journal of Ophthalmology: KJO</i> , 2016, 30, 451.	1.1	3
77	Glaucoma Progression and its Relationship with Corrected and Uncorrected Intraocular Pressure in Eyes with History of Refractive Corneal Surgery. <i>Current Eye Research</i> , 2018, 43, 1136-1144.	1.5	3
78	Effects of Choroidal Thickness on Refractive Outcome Following Cataract Surgery in Primary Angle Closure. <i>Korean Journal of Ophthalmology: KJO</i> , 2018, 32, 382.	1.1	3
79	A Sarcopenia Detection System Using an RGB-D Camera and an Ultrasound Probe: Eye-in-Hand Approach. <i>Biosensors</i> , 2021, 11, 243.	4.7	3
80	Profiles and Clinical Characteristics of Newly Diagnosed Glaucoma in Urban Korea: A Multicenter Study. <i>Korean Journal of Ophthalmology: KJO</i> , 2020, 34, 353-360.	1.1	3
81	Glaucoma Progression After Lens Extraction in Primary Angle-closure Glaucoma According to Angle-closure Mechanism. <i>Journal of Glaucoma</i> , 2022, 31, 261-267.	1.6	3
82	Changes in Peripapillary and Macular Vessel Densities and Their Relationship with Visual Field Progression after Trabeculectomy. <i>Journal of Clinical Medicine</i> , 2021, 10, 5862.	2.4	3
83	Statins Inhibit the Gliosis of MIO-M1, a Müller Glial Cell Line Induced by TRPV4 Activation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5190.	4.1	3
84	Relationship Between Central Corneal Thickness and Retinal Nerve Fiber Layer Thickness in Glaucomatous Subject. <i>Journal of Korean Ophthalmological Society</i> , 2009, 50, 418.	0.2	2
85	Augmentation of Filtering Blebs with Viscoelastics in Trabeculectomy. <i>Korean Journal of Ophthalmology: KJO</i> , 2014, 28, 393.	1.1	2
86	Development of a $\hat{\tau}^2$ -Variational Autoencoder for Disentangled Latent Space Representation of Anterior Segment Optical Coherence Tomography Images. <i>Translational Vision Science and Technology</i> , 2022, 11, 11.	2.2	2
87	Evaluation of Glaucomatous Damage in the Fellow Eyes of Patients With Unilateral Retinal Vein Occlusion. <i>Journal of Korean Ophthalmological Society</i> , 2009, 50, 120.	0.2	1
88	In vitro Effects of Prostaglandin Analogs on Cultured Astrocytes Obtained from the Lamina Cribrosa. <i>Current Eye Research</i> , 2016, 41, 676-682.	1.5	1
89	In Reply:. <i>Journal of Glaucoma</i> , 2017, 26, 124-125.	1.6	1
90	Sub-classification of myopic glaucomatous eyes according to optic disc and peripapillary features. <i>PLoS ONE</i> , 2017, 12, e0181841.	2.5	1

#	ARTICLE	IF	CITATIONS
91	Author Response: Anterior Segment Parameters During Unilateral Acute Primary Angle Closure. , 2014, 55, 5057.		0
92	Clinical Characteristics of First-Degree Relatives with Primary Open-Angle Glaucoma. Journal of Korean Ophthalmological Society, 2015, 56, 396.	0.2	0
93	Reply. Ophthalmology, 2017, 124, e80.	5.2	0
94	Spatial and Temporal Characteristics of Visual Field Progression in Glaucoma Assessed by Parallel Factor Analysis. Korean Journal of Ophthalmology: KJO, 2019, 33, 279.	1.1	0
95	Response: Considerations With Regard to the Relationship Between Anticoagulant Intake and Glaucoma Prognosis in Eyes With Optic Disc Hemorrhages. Journal of Glaucoma, 2019, 28, e134-e134.	1.6	0
96	Implications of the Relationship Between Refractive Error and Biometry in the Pathogenesis of Primary Angle Closure. , 2021, 62, 38.		0
97	Glaucomatous Progression after Laser Peripheral Iridotomy in Eyes with Different Angle-closure Mechanisms: a Longitudinal Study. Journal of the Korean Glaucoma Society, 2021, 10, 8.	0.0	0
98	Predictive Factor Analysis of Sectoral Visual Field Progression in Myopic Primary Open Angle Glaucoma. Journal of the Korean Glaucoma Society, 2018, 7, 12.	0.0	0
99	Comparison of Vision-related Quality of Life between Normal Tension Glaucoma and Primary Open Angle Glaucoma. Journal of Glaucoma, 2022, Publish Ahead of Print, 322-328.	1.6	0
100	Comparison of Surgical Outcomes in Glaucomatous Eyes with or without Choroidal Microvascular Dropout and Analysis of Risk Factors Associated with Visual Field Progression after Trabeculectomy. Journal of the Korean Glaucoma Society, 2022, 11, 38.	0.0	0