

# Lopilly Park

## List of Publications by Year in descending order

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88  
papers

2,415  
citations

236612

25  
h-index

253896

43  
g-index

88  
all docs

88  
docs citations

88  
times ranked

2362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Depth Imaging Detects Lamina Cribrosa Thickness Differences in Normal Tension Glaucoma and Primary Open-Angle Glaucoma. <i>Ophthalmology</i> , 2012, 119, 10-20.	2.5	259
2	Choroidal Microvasculature Dropout Is Associated with Progressive Retinal Nerve Fiber Layer Thinning in Glaucoma with Disc Hemorrhage. <i>Ophthalmology</i> , 2018, 125, 1003-1013.	2.5	106
3	Transneuronal Retrograde Degeneration of the Retinal Ganglion Cells in Patients with Cerebral Infarction. <i>Ophthalmology</i> , 2013, 120, 1292-1299.	2.5	92
4	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, 550-557.	1.7	88
5	Diagnostic Capability of Lamina Cribrosa Thickness by Enhanced Depth Imaging and Factors Affecting Thickness in Patients with Glaucoma. <i>Ophthalmology</i> , 2013, 120, 745-752.	2.5	80
6	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, 1752-1762.	1.9	75
7	Optic Disc Tilt Direction Determines the Location of Initial Glaucomatous Damage. , 2014, 55, 4991.		74
8	Analysis of Macular and Peripapillary Choroidal Thickness in Glaucoma Patients by Enhanced Depth Imaging Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2014, 23, 1.	0.8	71
9	Glaucoma Diagnostic Ability of Ganglion Cellâ€œInner Plexiform Layer Thickness Differs According to the Location of Visual Field Loss. <i>Ophthalmology</i> , 2014, 121, 93-99.	2.5	70
10	Macular Ganglion Cell Analysis Determined by Cirrus HD Optical Coherence Tomography for Early Detecting Chiasmal Compression. <i>PLoS ONE</i> , 2016, 11, e0153064.	1.1	69
11	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, 150-159.	1.7	61
12	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.	1.2	59
13	Visual Field Characteristics in Normal-Tension Glaucoma Patients With Autonomic Dysfunction and Abnormal Peripheral Microcirculation. <i>American Journal of Ophthalmology</i> , 2012, 154, 466-475.e1.	1.7	55
14	Nail Bed Hemorrhage. <i>JAMA Ophthalmology</i> , 2011, 129, 1299.	2.6	49
15	Alterations of the Lamina Cribrosa Are Associated with Peripapillary Retinoschisis in Glaucoma and Pachychoroid Spectrum Disease. <i>Ophthalmology</i> , 2016, 123, 2066-2076.	2.5	49
16	Different contributions of autophagy to retinal ganglion cell death in the diabetic and glaucomatous retinas. <i>Scientific Reports</i> , 2018, 8, 13321.	1.6	48
17	Central Visual Field Progression in Normal-Tension Glaucoma Patients With Autonomic Dysfunction. , 2014, 55, 2557.		47
18	Disc Torsion and Vertical Disc Tilt Are Related to Subfoveal Scleral Thickness in Open-Angle Glaucoma Patients With Myopia. , 2015, 56, 4927.		47

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19	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.	2.1	47
20	Ischemia Reperfusion Injury Triggers TNF $\alpha$ Induced-Necroptosis in Rat Retina. <i>Current Eye Research</i> , 2017, 42, 771-779.	0.7	46
21	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.		45
22	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, 876-884.	1.7	44
23	Stem cell-based delivery of brain-derived neurotrophic factor gene in the rat retina. <i>Brain Research</i> , 2012, 1469, 10-23.	1.1	40
24	The effect of anxiety and depression on progression of glaucoma. <i>Scientific Reports</i> , 2021, 11, 1769.	1.6	35
25	Effect of Macular Vascular Density on Central Visual Function and Macular Structure in Glaucoma Patients. <i>Scientific Reports</i> , 2018, 8, 16009.	1.6	33
26	Glaucoma Diagnostic Accuracy of Optical Coherence Tomography Parameters in Early Glaucoma with Different Types of Optic Disc Damage. <i>Ophthalmology</i> , 2014, 121, 1990-1997.	2.5	31
27	Optic Disc Characteristics in Patients With Glaucoma and Combined Superior and Inferior Retinal Nerve Fiber Layer Defects. <i>JAMA Ophthalmology</i> , 2014, 132, 1068.	1.4	29
28	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.	1.1	29
29	Optic Disc Hemorrhage Is Related to Various Hemodynamic Findings by Disc Angiography. <i>PLoS ONE</i> , 2015, 10, e0120000.	1.1	28
30	Impact of Age and Myopia on the Rate of Visual Field Progression in Glaucoma Patients. <i>Medicine (United States)</i> , 2016, 95, e3500.	0.4	27
31	Cytomegalovirus as a cause of hypertensive anterior uveitis in immunocompetent patients. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2016, 6, 32.	1.2	27
32	Long-term changes in endothelial cell counts after early phacoemulsification versus laser peripheral iridotomy using sequential argon:YAG laser technique in acute primary angle closure. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 1673-1680.	1.0	25
33	The Location of the Deepest Point of the Eyeball Determines the Optic Disc Configuration. <i>Scientific Reports</i> , 2017, 7, 5881.	1.6	25
34	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.	1.7	22
35	Association of Retinal Blood Flow with Progression of Visual Field in Glaucoma. <i>Scientific Reports</i> , 2019, 9, 16813.	1.6	21
36	Relationship between Retinal Inner Nuclear Layer Thickness and Severity of Visual Field Loss in Glaucoma. <i>Scientific Reports</i> , 2017, 7, 5543.	1.6	19

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37	Glaucoma Progression in the Unaffected Fellow Eye of Glaucoma Patients Who Developed Unilateral Branch Retinal Vein Occlusion. American Journal of Ophthalmology, 2017, 175, 194-200.	1.7	18
38	Relationship between pattern electroretinogram and optic disc morphology in glaucoma. PLoS ONE, 2019, 14, e0220992.	1.1	18
39	Vertical disc tilt and features of the optic nerve head anatomy are related to visual field defect in myopic eyes. Scientific Reports, 2019, 9, 3485.	1.6	18
40	Retinal nerve fiber layer thickness profiles associated with ocular laterality and dominance. Neuroscience Letters, 2014, 558, 197-202.	1.0	17
41	Three-Dimensional Evaluation of Posterior Pole and Optic Nerve Head in Myopes with Glaucoma. Scientific Reports, 2017, 7, 18001.	1.6	16
42	Effects of Nuclear Factor- $\kappa$ B Small Interfering RNA on Posterior Capsule Opacification. , 2010, 51, 4707.		15
43	Health care claims for primary open-angle glaucoma and retinal vein occlusion from an 11-year nationwide dataset. Scientific Reports, 2017, 7, 8038.	1.6	15
44	The Pattern of Retinal Nerve Fiber Layer and Macular Ganglion Cell-Inner Plexiform Layer Thickness Changes in Glaucoma. Journal of Ophthalmology, 2017, 2017, 1-8.	0.6	15
45	Association of Scleral Deformation Around the Optic Nerve Head With Central Visual Function in Normal-Tension Glaucoma and Myopia. American Journal of Ophthalmology, 2020, 217, 287-296.	1.7	15
46	Optic Disc Hemorrhage and Lamina Cribrosa Defects in Glaucoma Progression. Scientific Reports, 2017, 7, 3489.	1.6	14
47	Changes of synaptic proteins involved in synaptic plasticity after chronic intraocular pressure elevation and modulation by brain-derived neurotrophic factor in glaucoma animal model. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	13
48	Risk Factors for Choroidal Detachment After Ahmed Valve Implantation in Glaucoma Patients. American Journal of Ophthalmology, 2020, 211, 105-113.	1.7	13
49	Lysyl Oxidase-Like 2 Level and Glaucoma Surgical Outcomes. , 2014, 55, 3337.		12
50	Three Dimensional Evaluation of Posterior Pole and Optic Nerve Head in Tilted Disc. Scientific Reports, 2018, 8, 1121.	1.6	12
51	Intereye Comparison of Cirrus OCT in Early Glaucoma Diagnosis and Detecting Photographic Retinal Nerve Fiber Layer Abnormalities. Investigative Ophthalmology and Visual Science, 2015, 56, 1733-1742.	3.3	11
52	Association between peripapillary scleral deformation and choroidal microvascular circulation in glaucoma. Scientific Reports, 2019, 9, 18503.	1.6	11
53	Predicting the development of normal tension glaucoma and related risk factors in normal tension glaucoma suspects. Scientific Reports, 2021, 11, 16697.	1.6	11
54	Imaging of trabeculectomy blebs with Visante anterior segment optical coherence tomography after digital ocular compression. Japanese Journal of Ophthalmology, 2012, 56, 38-45.	0.9	10

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55	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.	0.4	10
56	Racial Differences in the Extracellular Matrix and Histone Acetylation of the Lamina Cribrosa and Peripapillary Sclera. , 2017, 58, 4143.		10
57	Relationship between Systemic Vascular Characteristics and Retinal Nerve Fiber Layer Loss in Patients with Type 2 Diabetes. <i>Scientific Reports</i> , 2018, 8, 10510.	1.6	10
58	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.	1.1	10
59	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.	2.7	10
60	Molecular analysis of myocilin and optineurin genes in Korean primary glaucoma patients. <i>Molecular Medicine Reports</i> , 2016, 14, 2439-2448.	1.1	9
61	Machine learning prediction of pathologic myopia using tomographic elevation of the posterior sclera. <i>Scientific Reports</i> , 2021, 11, 6950.	1.6	9
62	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.	1.1	9
63	Ocular and Hemodynamic Factors Contributing to the Central Visual Function in Glaucoma Patients With Myopia. , 2022, 63, 26.		9
64	Posterior scleral deformation and autonomic dysfunction in normal tension glaucoma. <i>Scientific Reports</i> , 2020, 10, 8203.	1.6	8
65	Characteristics of Normal-tension Glaucoma Patients with Temporal Retinal Nerve Fibre Defects. <i>Scientific Reports</i> , 2020, 10, 6362.	1.6	8
66	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.	1.6	8
67	Microvasculature Recovery Detected Using Optical Coherence Tomography Angiography and the Rate of Visual Field Progression After Glaucoma Surgery. , 2021, 62, 17.		8
68	Long-Term Effectiveness and Safety of Tafluprost, Travoprost, and Latanoprost in Korean Patients with Primary Open-Angle Glaucoma or Normal-Tension Glaucoma: A Multicenter Retrospective Cohort Study (LOTUS Study). <i>Journal of Clinical Medicine</i> , 2021, 10, 2717.	1.0	7
69	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.	1.1	7
70	The Association of Nailfold Capillaroscopy with Systemic Matrix Metalloproteinase-9 Concentration in Normal-Tension Glaucoma. <i>Current Eye Research</i> , 2015, 40, 1001-1007.	0.7	6
71	Retinal Nerve Fiber Layer Loss in Patients With Type 2 Diabetes and Diabetic Neuropathy. <i>Diabetes Care</i> , 2016, 39, e69-e70.	4.3	6
72	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.	0.8	6

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73	Effects of a dorzolamide/timolol fixed combination on diurnal intraocular pressure, heart rate, blood pressure, and ocular perfusion pressure in normal-tension glaucoma. Japanese Journal of Ophthalmology, 2016, 60, 377-382.	0.9	5
74	Effect of Autologous Serum Eyedrops on Ocular Surface Disease Caused by Preserved Glaucoma Eyedrops. Journal of Clinical Medicine, 2020, 9, 3904.	1.0	5
75	Investigation of progression pattern and associated risk factors in glaucoma patients with initial paracentral scotomas using Humphrey 10-2. Scientific Reports, 2021, 11, 18609.	1.6	5
76	Macular Blood Flow and Pattern Electroretinogram in Normal Tension Glaucoma. Journal of Clinical Medicine, 2022, 11, 1790.	1.0	4
77	Relationship between corneal deformation amplitude and optic nerve head structure in primary open-angle glaucoma. Medicine (United States), 2019, 98, e17223.	0.4	3
78	Vessel Density Loss of the Deep Peripapillary Area in Glaucoma Suspects and Its Association with Features of the Lamina Cribrosa. Journal of Clinical Medicine, 2021, 10, 2373.	1.0	3
79	The effect of parental factors in children with large cup-to-disc ratios. PLoS ONE, 2017, 12, e0175900.	1.1	3
80	Parapapillary Choroidal Microvasculature Dropout in Branched Retinal Vein Occlusion and Glaucoma. , 2022, 63, 27.		3
81	Changes of the Retina and Intrinsic Survival Signals in a Rat Model of Glaucoma following Brinzolamide and Travoprost Treatments. Ophthalmic Research, 2011, 46, 208-217.	1.0	2
82	Transverse Separation of the Outer Retinal Layer at the Peripapillary in Glaucomatous Myopes. Scientific Reports, 2018, 8, 12446.	1.6	2
83	Comparison of the Intraocular Pressure-Lowering Effect and Safety of Preservative-Free And Preservative-Containing Brimonidine/Timolol Fixed-Combination Ophthalmic Solutions in Patients with Open-Angle Glaucoma. Seminars in Ophthalmology, 2021, 36, 103-109.	0.8	2
84	Comparison of visual field tests in glaucoma patients with a central visual field defect. Canadian Journal of Ophthalmology, 2019, 54, 489-494.	0.4	1
85	The Impact of Superficial Vessel Density on Glaucoma Progression according to the Stage of Glaucoma. Journal of Clinical Medicine, 2021, 10, 5150.	1.0	1
86	Glaucoma Detection in High Myopia with the Heidelberg Retina Tomograph 3. Seminars in Ophthalmology, 2015, 30, 377-382.	0.8	0
87	The Effectiveness of Visual Field C10-2 in the Early Detection of Glaucoma with Parafoveal Scotoma. Journal of Korean Ophthalmological Society, 2017, 58, 321.	0.0	0
88	Comparison of Retinal Ganglion Cell Damage in Glaucoma and Retinal Vein Occlusion by Visual Field. Journal of Korean Ophthalmological Society, 2019, 60, 455.	0.0	0