

CITATION REPORT

List of articles citing

Global prevalence of glaucoma and projections of glaucoma burden through 2040: a systematic review and meta-analysis

DOI: 10.1016/j.opthta.2014.05.013
Ophthalmology, 2014, 121, 2081-90.

Source: <https://exaly.com/paper-pdf/59142377/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2291	DNA copy number variants of known glaucoma genes in relation to primary open-angle glaucoma. 2014 , 55, 8251-8		24
2290	Neurosteroids are endogenous neuroprotectants in an ex vivo glaucoma model. 2014 , 55, 8531-41		26
2289	Bioinformatics analysis to identify the differentially expressed genes of glaucoma. 2015 , 12, 4829-36		6
2288	Severe open angle glaucoma in hereditary hemorrhagic telangiectasia. 2015 , 3, 725-7		2
2287	Influence of education and diagnostic modes on glaucoma assessment by optometrists. 2015 , 35, 682-98		12
2286	Medical interventions for treating primary angle-closure glaucoma. 2015 ,		
2285	Qualitative investigation of patients' experience of a glaucoma virtual clinic in a specialist ophthalmic hospital in London, UK. 2015 , 5, e009463		26
2284	A Population-based survey of the prevalence and types of glaucoma in Nigeria: results from the Nigeria National Blindness and Visual Impairment Survey. 2015 , 15, 176		44
2283	Neural network classifier for glaucoma diagnosis. 2015 ,		
2282	Association of common SIX6 polymorphisms with peripapillary retinal nerve fiber layer thickness: the Singapore Chinese Eye Study. 2014 , 56, 478-83		26
2281	EX-PRESS Glaucoma Filtration Device: efficacy, safety, and predictability. 2015 , 8, 381-8		8
2280	Rho-Associated Kinase Inhibitor Eye Drop (Ripasudil) Transiently Alters the Morphology of Corneal Endothelial Cells. 2015 , 56, 7560-7		25
2279	Corneal Deformation Response in Patients With Primary Open-Angle Glaucoma and in Healthy Subjects Analyzed by Corvis ST. 2015 , 56, 5557-65		47
2278	Diagnostic Ability of Retinal Vessel Diameter Measurements in Open-Angle Glaucoma. 2015 , 56, 7915-22		10
2277	MicroRNA Expression in the Glaucomatous Retina. 2015 , 56, 7971-82		34
2276	Cytidine 5'-Diphosphocholine (Citicoline) in Glaucoma: Rationale of Its Use, Current Evidence and Future Perspectives. 2015 , 16, 28401-17		31
2275	Expression Profiling of Human Schlemm's Canal Endothelial Cells From Eyes With and Without Glaucoma. 2015 , 56, 6747-53		22

2274	Stem cell approaches to glaucoma: from aqueous outflow modulation to retinal neuroprotection. 2015 , 220, 241-56	15
2273	Fluid Dynamics of a Novel Micro-Fistula Implant for the Surgical Treatment of Glaucoma. 2015 , 56, 4789-95	116
2272	Compass: clinical evaluation of a new instrument for the diagnosis of glaucoma. 2015 , 10, e0122157	22
2271	Visual disability and quality of life in glaucoma patients. 2015 , 221, 359-74	14
2270	Investigating the Influence of Visual Function and Systemic Risk Factors on Falls and Injurious Falls in Glaucoma Using the Structural Equation Modeling. 2015 , 10, e0129316	20
2269	Ocular Hypotensive Effects of the ATP-Sensitive Potassium Channel Opener Cromakalim in Human and Murine Experimental Model Systems. 2015 , 10, e0141783	15
2268	Stereo Photo Measured ONH Shape Predicts Development of POAG in Subjects With Ocular Hypertension. 2015 , 56, 4470-9	2
2267	The Ahmed Glaucoma Valve in Refractory Glaucoma: Experiences in Southwest Ethiopia. 2015 , 25, 267-72	6
2266	The Prevalence and Types of Glaucoma in an Urban Chinese Population: The Singapore Chinese Eye Study. 2015 , 133, 874-80	71
2265	Sensitivity and specificity for detecting early glaucoma in eyes with high myopia from normative database of macular ganglion cell complex thickness obtained from normal non-myopic or highly myopic Asian eyes. 2015 , 253, 1143-52	24
2264	Reliable feature selection for automated angle closure glaucoma mechanism detection. 2015 , 39, 21	14
2263	Long-Term Use of Selective Serotonin Reuptake Inhibitors and Risk of Glaucoma in Depression Patients. 2015 , 94, e2041	15
2262	A common variant near TGFBR3 is associated with primary open angle glaucoma. 2015 , 24, 3880-92	84
2261	Accuracy of Patient-reported Adherence to Glaucoma Medications on a Visual Analog Scale Compared With Electronic Monitors. 2015 , 37, 1975-85	24
2260	Author reply: To PMID 24974815. <i>Ophthalmology</i> , 2015 , 122, e41-2	7:3 1
2259	A closer look at nerve growth factor: from biology to clinical trials in ophthalmology. 2015 , 3, 329-341	
2258	Use of Various Glaucoma Surgeries and Procedures in Medicare Beneficiaries from 1994 to 2012. <i>Ophthalmology</i> , 2015 , 122, 1615-24	7:3 150
2257	Glaucoma Genes and Mechanisms. 2015 , 134, 315-42	48

2256	The contribution of the sclera and lamina cribrosa to the pathogenesis of glaucoma: Diagnostic and treatment implications. 2015 , 220, 59-86		35
2255	A framework to explore the visual brain in glaucoma with lessons from models and man. 2015 , 141, 171-8		14
2254	Choroidal physiology and primary angle closure disease. 2015 , 60, 547-56		18
2253	Aggregate Effects of Intraocular Pressure and Cup-to-Disc Ratio Genetic Variants on Glaucoma in a Multiethnic Asian Population. <i>Ophthalmology</i> , 2015 , 122, 1149-57	7.3	22
2252	Angiogenesis in glaucoma filtration surgery and neovascular glaucoma: A review. 2015 , 60, 524-35		35
2251	Brinzolamide/brimonidine: a review of its use in patients with open-angle glaucoma or ocular hypertension. 2015 , 32, 251-60		9
2250	Psychometric properties of the Glaucoma Treatment Compliance Assessment Tool in a multicenter trial. 2015 , 159, 1092-1099.e2		9
2249	Re: Tham et al.: Global prevalence of glaucoma and projections of glaucoma burden through 2040: a systematic review and meta-analysis (<i>Ophthalmology</i> 2014;121:2081-90). <i>Ophthalmology</i> , 2015 , 122, e40-1	7.3	17
2248	Lymphatic drainage from the eye: A new target for therapy. 2015 , 220, 185-98		18
2247	Mutated myocilin and heterozygous Sod2 deficiency act synergistically in a mouse model of open-angle glaucoma. 2015 , 24, 3322-34		10
2246	Primary open angle glaucoma in northern Nigeria: stage at presentation and acceptance of treatment. 2015 , 15, 111		31
2245	Monitoring intra ocular pressure in glaucoma: current recommendations and emerging cutting-edge technologies. 2015 , 10, 563-576		3
2244	Glaucoma awareness and access to healthcare: perceptions among glaucoma patients in Tanzania. 2015 , 91, 373-8		8
2243	Clinical update in optic nerve disorders. 2015 , 10, 145-166		
2242	Modern disposable hydrogel contact lens removal has a minimal effect on intraocular pressure. 2015 , 35, 231-5		2
2241	A novel method for glaucoma detection using optic disc and cup segmentation in digital retinal fundus images. 2015 ,		4
2240	Human Pluripotent Stem Cell-Derived Retinal Ganglion Cells: Applications for the Study and Treatment of Optic Neuropathies. 2015 , 3, 200-206		9
2239	A prospective, longitudinal, observational cohort study examining how glaucoma affects quality of life and visually-related function over 4 years: design and methodology. 2015 , 15, 91		18

2238	Soluble Tumor Necrosis Factor Alpha Promotes Retinal Ganglion Cell Death in Glaucoma via Calcium-Permeable AMPA Receptor Activation. 2015 , 35, 12088-102	79
2237	Genes, pathways, and animal models in primary open-angle glaucoma. 2015 , 29, 1285-98	29
2236	Prevalence, Risk Factors, and Visual Features of Undiagnosed Glaucoma: The Singapore Epidemiology of Eye Diseases Study. 2015 , 133, 938-46	45
2235	Exploring the influence of patient-provider communication on intraocular pressure in glaucoma patients. 2015 , 98, 1558-1558	8
2234	Introduction to special issue on glaucomatous optic neuropathy: In vivo models and techniques. 2015 , 141, 1-2	2
2233	A Genetic Variant in TGFBR3-CDC7 Is Associated with Visual Field Progression in Primary Open-Angle Glaucoma Patients from Singapore. <i>Ophthalmology</i> , 2015 , 122, 2416-22	73 13
2232	Eye drops prescription pattern in patients with glaucoma. 2016 , 10, 591-597	
2231	A Meta-Analysis of Glaucoma Risk in Hyperlipidemic Individuals: A Critical Problem in Design. 2016 , 57, 6339-6340	4
2230	Biocompatibility of a Novel Microfistula Implant in Nonprimate Mammals for the Surgical Treatment of Glaucoma. 2016 , 57, 3594-600	14
2229	A randomized, controlled trial to test the effectiveness of a glaucoma patient navigator to improve appointment adherence. 2016 , 10, 1739-48	3
2228	Inter-Relationships Between Retinal Vascular Caliber, Retinal Nerve Fiber Layer Thickness, and Glaucoma: A Mediation Analysis Approach. 2016 , 57, 3803-9	9
2227	Dynamic Monitoring and Control of Irreversible Chronic Diseases with Application to Glaucoma. 2016 ,	2
2226	Long Term Incidence Rate of Glaucoma after Pars Plana Vitrectomy. 2016 , 57, 80	1
2225	Effects of Cataract Extraction on the Outcomes of Automated Perimetry and Retinal Nerve Fiber Layer Thickness Measurements by Optical Coherence Tomography in Primary Angle Closure Glaucoma. 2016 , 07,	
2224	Diagnostic Performance of Peripapillary Retinal Nerve Fiber Layer Thickness for Detection of Glaucoma in an Elderly Population: The ALIENOR Study. 2016 , 57, 5882-5891	12
2223	Factors contributing to nonadherence to follow-up appointments in a resident glaucoma clinic versus primary eye care clinic. 2016 , 10, 19-25	11
2222	Glaucoma and Driving Risk under Simulated Fog Conditions. 2016 , 5, 15	9
2221	Functional Changes and Driving Performance in Older Drivers: Assessment and Interventions. 2016 , 1,	72

2220	Effect of Lovastatin on Wound-Healing Modulation After Glaucoma Filtration Surgery in a Rabbit Model. 2016 , 57, 1871-7	5
2219	Prevalence of Glaucoma in the United States: The 2005-2008 National Health and Nutrition Examination Survey. 2016 , 57, 2905-2913	73
2218	Comparison between the EX-PRESS P-50 implant and trabeculectomy in patients with open-angle glaucoma. 2016 , 10, 269-76	8
2217	Heterozygous Pitx2 Null Mice Accurately Recapitulate the Ocular Features of Axenfeld-Rieger Syndrome and Congenital Glaucoma. 2016 , 57, 5023-5030	20
2216	Optic Radiations Microstructural Changes in Glaucoma and Association With Severity: A Study Using 3Tesla-Magnetic Resonance Diffusion Tensor Imaging. 2016 , 57, 6539-6547	14
2215	Estimated Prevalence of Glaucoma in South Korea Using the National Claims Database. 2016 , 2016, 1690256	12
2214	Comprehensive Three-Dimensional Analysis of the Neuroretinal Rim in Glaucoma Using High-Density Spectral-Domain Optical Coherence Tomography Volume Scans. 2016 , 57, 5498-5508	22
2213	Air-Puff Tonometry in population research – comparison with Goldmann tonometer in individuals with suspected ocular hypertension. 2016 , 75,	1
2212	HDAC Inhibitor-Mediated Epigenetic Regulation of Glaucoma-Associated TGF β in the Trabecular Meshwork. 2016 , 57, 3698-707	9
2211	Activation of Prostaglandin FP and EP2 Receptors Differently Modulates Myofibroblast Transition in a Model of Adult Primary Human Trabecular Meshwork Cells. 2016 , 57, 1816-25	21
2210	Short-Term Moderately Elevated Intraocular Pressure Is Associated With Elevated Scotopic Electroretinogram Responses. 2016 , 57, 2140-51	15
2209	The Role of the IL-20 Subfamily in Glaucoma. 2016 , 2016, 4083735	10
2208	Medical Management of Glaucoma in the 21st Century from a Canadian Perspective. 2016 , 2016, 6509809	38
2207	iStent – Trabecular Microbypass Stent: An Update. 2016 , 2016, 2731856	18
2206	Bone Marrow-Derived Cells as a Therapeutic Approach to Optic Nerve Diseases. 2016 , 2016, 5078619	25
2205	Glia-Neuron Interactions in the Retina Can Be Studied in Cocultures of Müller Cells and Retinal Ganglion Cells. 2016 , 2016, 1087647	32
2204	Peripapillary Choroidal Thickness and Open-Angle Glaucoma: A Meta-Analysis. 2016 , 2016, 5484568	11
2203	Association of Common Variants in eNOS Gene with Primary Open Angle Glaucoma: A Meta-Analysis. 2016 , 2016, 1348347	11

2202	Loss of Melanopsin-Expressing Retinal Ganglion Cells in Severely Staged Glaucoma Patients. 2016 , 57, 4661-7	30
2201	The Effect of Statins on Intraocular Pressure and on the Incidence and Progression of Glaucoma: A Systematic Review and Meta-Analysis. 2016 , 57, 2729-48	28
2200	Lens Position Parameters as Predictors of Intraocular Pressure Reduction After Cataract Surgery in Glaucomatous Versus Nonglaucomatous Eyes. 2016 , 57, 2593-9	23
2199	Early Cytoskeletal Protein Modifications Precede Overt Structural Degeneration in the DBA/2J Mouse Model of Glaucoma. 2016 , 10, 494	21
2198	Risk factors for open-angle glaucoma in Nigeria: results from the Nigeria National Blindness and Visual Impairment Survey. 2016 , 16, 78	21
2197	A Mutation in LTBP2 Causes Congenital Glaucoma in Domestic Cats (<i>Felis catus</i>). 2016 , 11, e0154412	14
2196	Number of People Blind or Visually Impaired by Glaucoma Worldwide and in World Regions 1990 - 2010: A Meta-Analysis. 2016 , 11, e0162229	105
2195	Estimated Cerebrospinal Fluid Pressure and the 5-Year Incidence of Primary Open-Angle Glaucoma in a Chinese Population. 2016 , 11, e0162862	3
2194	Patient-Reported Vision-Related Quality-of-Life Differences between Primary Angle-Closure Glaucoma and Primary Open-Angle Glaucoma. 2016 , 11, e0163123	5
2193	Longitudinal Analysis of Serum Autoantibody-Reactivities in Patients with Primary Open Angle Glaucoma and Optic Disc Hemorrhage. 2016 , 11, e0166813	8
2192	Astrocyte Structural and Molecular Response to Elevated Intraocular Pressure Occurs Rapidly and Precedes Axonal Tubulin Rearrangement within the Optic Nerve Head in a Rat Model. 2016 , 11, e0167364	36
2191	Minimally invasive glaucoma surgery: current status and future prospects. 2016 , 10, 189-206	167
2190	Netarsudil Increases Outflow Facility in Human Eyes Through Multiple Mechanisms. 2016 , 57, 6197-6209	96
2189	Genetic Association at the 9p21 Glaucoma Locus Contributes to Sex Bias in Normal-Tension Glaucoma. 2016 , 57, 3416-21	23
2188	Communication Predicts Medication Self-Efficacy in Glaucoma Patients. 2016 , 93, 731-7	13
2187	Novel Roles and Mechanism for Krüppel-like Factor 16 (KLF16) Regulation of Neurite Outgrowth and Ephrin Receptor A5 (EphA5) Expression in Retinal Ganglion Cells. 2016 , 291, 18084-95	17
2186	Relationship Between Body Mass Index and Intraocular Pressure in Men and Women: A Population-based Study. 2016 , 25, e509-13	22
2185	Update on the Prevalence, Etiology, Diagnosis, and Monitoring of Normal-Tension Glaucoma. 2016 , 5, 23-31	26

2184	A role for antimetabolites in glaucoma tube surgery: current evidence and future directions. 2016 , 27, 164-9	14
2183	Glaucoma Surgery Outcome in Rwanda. 2016 , 25, 698-703	2
2182	Least squares regression methods for clustered ROC data with discrete covariates. 2016 , 58, 747-65	2
2181	Stepwise Differentiation of Retinal Ganglion Cells from Human Pluripotent Stem Cells Enables Analysis of Glaucomatous Neurodegeneration. 2016 , 34, 1553-62	84
2180	Anterior Chamber Angle and Anterior Chamber Volume in a 40- to 64-Year-Old Population. 2016 , 42, 244-9	10
2179	Does Migraine Increase the Risk of Glaucoma?: A Population-Based Cohort Study. 2016 , 95, e3670	14
2178	Analogues of the ATP-Sensitive Potassium (KATP) Channel Opener Cromakalim with in Vivo Ocular Hypotensive Activity. 2016 , 59, 6221-31	16
2177	The Use of Contact Lenses as Biosensors. 2016 , 93, 419-25	15
2176	Contact Lens Applications and the Corneal Dystrophies: A Review. 2016 , 42, 177-84	2
2175	Subconjunctival Delivery of Dorzolamide-Loaded Poly(ether-anhydride) Microparticles Produces Sustained Lowering of Intraocular Pressure in Rabbits. 2016 , 13, 2987-95	30
2174	Glaucoma and cataract surgery: two roads merging into one. 2016 , 27, 51-7	13
2173	Effect of Laser Peripheral Iridotomy on Anterior Chamber Angle Anatomy in Primary Angle Closure Spectrum Eyes. 2016 , 25, e469-74	16
2172	24(S)-Hydroxycholesterol protects the ex vivo rat retina from injury by elevated hydrostatic pressure. 2016 , 6, 33886	11
2171	Long-term progression and risk factors in primary open-angle glaucoma in clinical care. 2016 , 30, 181-189	2
2170	Rare variants in optic disc area gene enriched in primary open-angle glaucoma. 2016 , 4, 624-633	5
2169	Imaging Modality in Diagnosis and Monitoring of Glaucoma: Spectral Domain Optical Coherence Tomography. 2016 , 4, 173-179	1
2168	Microstructure visualization of conventional outflow pathway and finite element modeling analysis of trabecular meshwork. 2016 , 15, 162	2
2167	Efficacy of automated computer-aided diagnosis of retinal nerve fibre layer defects in healthcare screening. 2017 , 101, 295-298	1

2166	Association of iris surface features with iris parameters assessed by swept-source optical coherence tomography in Asian eyes. 2016 , 100, 1682-1685	7
2165	Ophthalmologists' practice patterns and challenges in achieving optimal management for glaucoma in Nigeria: results from a nationwide survey. 2016 , 6, e012230	15
2164	Level of adherence to ocular hypotensive agents and its determinant factors among glaucoma patients in Menelik II Referral Hospital, Ethiopia. 2016 , 16, 131	20
2163	Large variations in ocular dimensions in a multiethnic population with similar genetic background. 2016 , 6, 22931	3
2162	Associations with intraocular pressure across Europe: The European Eye Epidemiology (E) Consortium. 2016 , 31, 1101-1111	16
2161	Joint Effects of Intraocular Pressure and Myopia on Risk of Primary Open-Angle Glaucoma: The Singapore Epidemiology of Eye Diseases Study. 2016 , 6, 19320	16
2160	First insight into the proteome landscape of the porcine short posterior ciliary arteries: Key signalling pathways maintaining physiologic functions. 2016 , 6, 38298	8
2159	The Effect of Eye Drop Technique Education in Patients With Glaucoma. 2016 , 31, 1036-42	10
2158	Clinicians' view of tele-glaucoma. 2016 , 5, 123-130	3
2157	Tau Accumulation, Altered Phosphorylation, and Missorting Promote Neurodegeneration in Glaucoma. 2016 , 36, 5785-98	52
2156	The Philadelphia Glaucoma Detection and Treatment Project: Detection Rates and Initial Management. <i>Ophthalmology</i> , 2016 , 123, 1667-1674	7-3 32
2155	Special considerations for glaucoma management in the elderly. 2016 , 11, 181-189	
2154	The glial cell modulator ibudilast attenuates neuroinflammation and enhances retinal ganglion cell viability in glaucoma through protein kinase A signaling. 2016 , 93, 156-71	30
2153	Risk calculators in glaucoma. 2016 , 11, 21-27	1
2152	Self-reported Function, Health Resource Use, and Total Health Care Costs Among Medicare Beneficiaries With Glaucoma. 2016 , 134, 357-65	21
2151	Oculoplastic considerations in patients with glaucoma. 2016 , 61, 718-725	13
2150	Glaucoma Suspect: Diagnosis and Management. 2016 , 5, 32-7	19
2149	Regional Image Features Model for Automatic Classification between Normal and Glaucoma in Fundus and Scanning Laser Ophthalmoscopy (SLO) Images. 2016 , 40, 132	24

2148	Emerging Concepts in Glaucoma and Review of the Literature. 2016 , 129, 1000.e7-1000.e13		39
2147	Treatment outcomes of micropulse transscleral cyclophotocoagulation in advanced glaucoma. 2016 , 31, 393-6		94
2146	A freely available semi-automated method for quantifying retinal ganglion cells in entire retinal flatmounts. 2016 , 147, 105-113		14
2145	Biomechanical insult switches PEA-15 activity to uncouple its anti-apoptotic function and promote erk mediated tissue remodeling. 2016 , 340, 283-94		13
2144	Preservative-free tafluprost/timolol fixed combination: a new opportunity in the treatment of glaucoma. 2016 , 17, 1271-83		17
2143	Update on the Medical Treatment of Primary Open-Angle Glaucoma. 2016 , 5, 51-8		16
2142	Effects of Hormone Therapy on Intraocular Pressure: The Women's Health Initiative-Sight Exam Study. 2016 , 165, 115-24		29
2141	Cerebrospinal Fluid Pressure and Glaucoma. 2016 , 4, 180-186		
2140	Effectiveness of early lens extraction for the treatment of primary angle-closure glaucoma (EAGLE): a randomised controlled trial. 2016 , 388, 1389-1397		247
2139	Clear-lens extraction as a treatment for primary angle closure. 2016 , 388, 1352-1354		11
2138	Prostaglandin EP2 receptor signaling protects human trabecular meshwork cells from apoptosis induced by ER stress through down-regulation of p53. 2016 , 1863, 2322-32		9
2137	Significance of optineurin mutations in glaucoma and other diseases. 2016 , 55, 149-181		63
2136	[Glaucoma-a common disease]. 2016 , 113, 746-51		2
2135	Conditional deletion of AP-2 in mouse cranial neural crest results in anterior segment dysgenesis and early-onset glaucoma. 2016 , 9, 849-61		23
2134	Two-Year COMPASS Trial Results: Supraciliary Microstenting with Phacoemulsification in Patients with Open-Angle Glaucoma and Cataracts. <i>Ophthalmology</i> , 2016 , 123, 2103-12	7-3	145
2133	Quantitative Optical Coherence Tomography Angiography of Radial Peripapillary Capillaries in Glaucoma, Glaucoma Suspect, and Normal Eyes. 2016 , 170, 41-49		129
2132	Interventions to Promote Follow-up After Trabeculectomy Surgery in Rural Southern China: A Randomized Clinical Trial. 2016 , 134, 1135-1141		10
2131	Iridotomy to slow progression of angle-closure glaucoma. 2016 , 2016,		2

2130	Systematic Review of Current Devices for 24-h Intraocular Pressure Monitoring. 2016 , 33, 1679-1690	33
2129	Glaucoma: the retina and beyond. 2016 , 132, 807-826	129
2128	Iris Crypts Influence Dynamic Changes of Iris Volume. <i>Ophthalmology</i> , 2016 , 123, 2077-84	7.3 11
2127	Ab interno trabecular bypass surgery with Trabectome for open angle glaucoma. 2016 , CD011693	17
2126	Evaluation of the IL1 Gene Cluster Single Nucleotide Polymorphisms in Primary Open-Angle Glaucoma Pathogenesis. 2016 , 20, 633-636	5
2125	Understanding Glaucomatous Optic Neuropathy: The Synergy Between Clinical Observation and Investigation. 2016 , 2, 235-254	12
2124	Influence of high myopia on outcomes of trabeculectomy with mitomycin C in patients with primary open-angle glaucoma. 2016 , 60, 446-453	8
2123	Outcomes Disparities between Black and White Populations in the Surgical Management of Glaucoma. 2016 , 31, 385-93	15
2122	A Schlemmâcanal scaffold for the treatment of elevated IOP. 2016 , 11, 259-266	3
2121	Tear fluid biomarkers in ocular and systemic disease: potential use for predictive, preventive and personalised medicine. 2016 , 7, 15	153
2120	Primary open angle glaucoma in type 2 diabetes: Implications of the IL-10/STAT3-mediated anti-inflammatory response?. 2016 , 179, 131-132	0
2119	Prevalence and epidemiological characteristics of congenital cataract: a systematic review and meta-analysis. 2016 , 6, 28564	78
2118	Assessment of polygenic effects links primary open-angle glaucoma and age-related macular degeneration. 2016 , 6, 26885	17
2117	Enriched retinal ganglion cells derived from human embryonic stem cells. 2016 , 6, 30552	59
2116	Outcomes Following Implantation of Two Second-Generation Trabecular Micro-Bypass Stents in Patients with Open-Angle Glaucoma on One Medication: 18-Month Follow-Up. 2016 , 33, 2082-2090	39
2115	Prevalence, types and awareness of glaucoma in a multi-ethnic population in rural China: the Yunnan Minority Eye Study. 2016 , 36, 664-670	16
2114	Anterior segment optical coherence tomography in subtypes of angle closure glaucoma. 2016 , 28, 159-160	1
2113	Transcriptome profiling of the rat retina after optic nerve transection. 2016 , 6, 28736	19

2112	TSPO activation modulates the effects of high pressure in a rat ex vivo glaucoma model. 2016 , 111, 142-159	13
2111	Primary open-angle glaucoma. 2016 , 2, 16067	164
2110	Presence and Risk Factors for Glaucoma in Patients with Diabetes. 2016 , 16, 124	48
2109	Ensemble Pruning for Glaucoma Detection in an Unbalanced Data Set. 2016 , 55, 557-563	2
2108	Evaluation of a Trabecular Micro-Bypass Stent in Pseudophakic Patients With Open-Angle Glaucoma. 2016 , 25, 896-900	32
2107	Glaucoma awareness, knowledge, perception of risk and eye screening behaviour among residents of Abokobi, Ghana. 2016 , 16, 204	10
2106	Relationship between homocysteine and intraocular pressure in men and women: A population-based study. 2016 , 95, e4858	7
2105	The Relation of White-on-White Standard Automated Perimetry, Short Wavelength Perimetry, and Optic Coherence Tomography Parameters in Ocular Hypertension. 2016 , 25, 939-945	2
2104	The use of induced pluripotent stem cells for studying and treating optic neuropathies. 2016 , 21, 484-9	9
2103	The Visual Function Questionnaire: Utility Index: Does It Measure Glaucoma-related Preference-based Status?. 2016 , 25, 822-829	9
2102	Awareness of Glaucoma and Eye Health Services Among Faith-based Communities in Kumasi, Ghana. 2016 , 25, e850-e854	4
2101	Ethnicity and Deprivation are Associated With Blindness Among Adults With Primary Glaucoma in Nigeria: Results From the Nigeria National Blindness and Visual Impairment Survey. 2016 , 25, e861-e872	7
2100	The Wills Eye Glaucoma App: Interest of Patients and Their Caregivers in a Smartphone-based and Tablet-based Glaucoma Application. 2016 , 25, e787-91	9
2099	The prognostic value of retinal vessel analysis in primary open-angle glaucoma. 2016 , 94, e474-80	4
2098	Assessment of alkoxyphenacyl-based polycarbonates as a potential platform for controlled delivery of a model anti-glaucoma drug. 2016 , 107, 56-66	11
2097	An open-source computational tool to automatically quantify immunolabeled retinal ganglion cells. 2016 , 147, 50-56	18
2096	Development of a novel CsA-PLGA drug delivery system based on a glaucoma drainage device for the prevention of postoperative fibrosis. 2016 , 66, 206-214	10
2095	The impact of educational workshops on individuals at risk for glaucoma in the Philadelphia Glaucoma Detection and Treatment Project. 2016 , 99, 659-664	10

2094	One protein, multiple pathologies: multifaceted involvement of amyloid β in neurodegenerative disorders of the brain and retina. 2016 , 73, 4279-4297		46
2093	Ocular blood flow in glaucoma - the Leuven Eye Study. 2016 , 94, 592-8		74
2092	Impact of age-related macular degeneration in patients with glaucoma: understanding the patients' perspective. 2016 , 44, 377-87		6
2091	Selective laser trabeculoplasty (SLT): 1-year results in early and advanced open angle glaucoma. 2016 , 36, 55-61		7
2090	The Impact of Location of Progressive Visual Field Loss on Longitudinal Changes in Quality of Life of Patients with Glaucoma. <i>Ophthalmology</i> , 2016 , 123, 552-7	7-3	82
2089	The Impact of Visual Field Clusters on Performance-based Measures and Vision-Related Quality of Life in Patients With Glaucoma. 2016 , 163, 45-52		35
2088	Crocin protects retinal ganglion cells against H ₂ O ₂ -induced damage through the mitochondrial pathway and activation of NF- κ B. 2016 , 37, 225-32		38
2087	Animal Models of Glaucoma. 2016 , 31-50		1
2086	Risk of Visual Field Progression in Glaucoma Patients with Progressive Retinal Nerve Fiber Layer Thinning: A 5-Year Prospective Study. <i>Ophthalmology</i> , 2016 , 123, 1201-10	7-3	80
2085	Translating the Low Translaminal Cribrosa Pressure Gradient Hypothesis into the Clinical Care of Glaucoma. 2016 , 31, 131-9		12
2084	Association Between Glaucoma and the Risk of Dementia. 2016 , 95, e2833		28
2083	The elevation of intraocular pressure is associated with apoptosis and increased immunoreactivity for nitric oxide synthase in rat retina whereas the effectiveness of retina derived relaxing factor is unaffected. 2016 , 145, 401-411		5
2082	Overcoming Barriers to Eye Care: Patient Response to a Medical Social Worker in a Glaucoma Service. 2016 , 41, 845-9		3
2081	Fast Visual Field Progression Is Associated with Depressive Symptoms in Patients with Glaucoma. <i>Ophthalmology</i> , 2016 , 123, 754-9	7-3	33
2080	Association between light-to-dark changes in angle width and iris parameters in light, dark and changes from light-to-dark conditions. 2016 , 100, 1274-9		4
2079	Inducible scAAV2.GRE.MMP1 lowers IOP long-term in a large animal model for steroid-induced glaucoma gene therapy. 2016 , 23, 438-49		25
2078	Challenges of assessing the optic nerve in glaucoma. 2016 , 11, 81-91		
2077	Is Estrogen a Therapeutic Target for Glaucoma?. 2016 , 31, 140-6		38

2076	Differential visual system organization and susceptibility to experimental models of optic neuropathies in three commonly used mouse strains. 2016 , 145, 235-247		13
2075	Associations with Intraocular Pressure in a Large Cohort: Results from the UK Biobank. <i>Ophthalmology</i> , 2016 , 123, 771-82	7.3	63
2074	Association Between Trabecular Meshwork Anteroposterior Length and Anterior Chamber Angle Width. 2016 , 162, 53-58.e1		7
2073	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. 2016 , 48, 189-94		159
2072	Low-dose carbon monoxide inhalation protects neuronal cells from apoptosis after optic nerve crush. 2016 , 469, 809-15		9
2071	Candidate genes involved in the susceptibility of primary open angle glaucoma. 2016 , 577, 119-31		21
2070	Global variations and time trends in the prevalence of primary open angle glaucoma (POAG): a systematic review and meta-analysis. 2016 , 100, 86-93		235
2069	Age-related eye disease and gender. 2016 , 83, 19-26		77
2068	Clinical impact of migraine for the management of glaucoma patients. 2016 , 51, 107-24		9
2067	Glaucoma in Asia: regional prevalence variations and future projections. 2016 , 100, 78-85		110
2066	The association between cigarette smoking and primary open-angle glaucoma: a systematic review. 2017 , 37, 291-301		22
2065	Glaucoma y antioxidantes: revisión sistemática. 2017 , 91, 112-121		2
2064	ATP sensitive potassium channel openers: A new class of ocular hypotensive agents. 2017 , 158, 85-93		20
2063	Automated Diagnosis of Glaucoma Using Empirical Wavelet Transform and Correntropy Features Extracted From Fundus Images. 2017 , 21, 803-813		138
2062	A Randomized Controlled Trial to Determine the Effect of Inhaled Corticosteroid on Intraocular Pressure in Open-Angle Glaucoma and Ocular Hypertension: The ICOUGH Study. 2017 , 26, 182-186		14
2061	Associations between chronic systemic diseases and primary open angle glaucoma: an epidemiological perspective. 2017 , 45, 24-32		22
2060	Longitudinal Cohort Study on the Incidence of Primary Open-Angle Glaucoma in Bai Chinese. 2017 , 176, 127-133		10
2059	Comparison of the anterior chamber angle structure between children and adults. 2017 , 21, 57-62		7

2058	Agreement in Measurement of Optic Cup-to-Disc Ratio with Stereo Biomicroscope Funduscopy and Digital Image Analysis: Results from the Nigeria National Blindness and Visual Impairment Survey. 2017 , 24, 57-62	2
2057	Sustained drug delivery for the management of glaucoma. 2017 , 12, 173-186	8
2056	[Role of the aging visual system in glaucoma]. 2017 , 114, 108-113	5
2055	Diagnostic accuracy of imaging devices in glaucoma: A meta-analysis. 2017 , 62, 446-461	24
2054	Convolutional neural network transfer for automated glaucoma identification. 2017 ,	30
2053	Talkin' about my (re)generation: The who of intrinsic retinal stem cells. 2017 , 346, 447-449	3
2052	A technician-delivered 'virtual clinic' for triaging low-risk glaucoma referrals. 2017 , 31, 899-905	23
2051	Topical medication instillation techniques for glaucoma. 2017 , 2, CD010520	2
2050	Perioperative medications for preventing temporarily increased intraocular pressure after laser trabeculoplasty. 2017 , 2, CD010746	9
2049	Preoperative characteristics and compliance with follow-up after trabeculectomy surgery in rural southern China. 2017 , 101, 131-137	2
2048	Long-chain unsaturated fatty acids as possible important metabolites for primary angle-closure glaucoma based on targeted metabolomic analysis. 2017 , 31, e3963	10
2047	Ocular Emergencies: Red Eye. 2017 , 101, 615-639	10
2046	The potential impact of recent insights into proteomic changes associated with glaucoma. 2017 , 14, 311-334	13
2045	Success rates of 2-site phacoemulsification combined with fornix-based trabeculectomy using mitomycin C for primary angle-closure glaucoma and primary open-angle glaucoma in an Asian population. 2017 , 61, 245-252	6
2044	Cross-linked actin networks (CLANs) in glaucoma. 2017 , 159, 16-22	35
2043	Early lens extraction with intraocular lens implantation for the treatment of primary angle closure glaucoma: an economic evaluation based on data from the EAGLE trial. 2017 , 7, e013254	16
2042	Comparing three different modes of electroretinography in experimental glaucoma: diagnostic performance and correlation to structure. 2017 , 134, 111-128	16
2041	In vivo Pharmacological Evaluations of Pilocarpine-Loaded Antioxidant-Functionalized Biodegradable Thermogels in Glaucomatous Rabbits. 2017 , 7, 42344	15

2040	Drug discovery using induced pluripotent stem cell models of neurodegenerative and ocular diseases. 2017 , 177, 32-43	30
2039	Is prophylactic laser peripheral iridotomy for primary angle closure suspects a risk factor for cataract progression? The Chennai Eye Disease Incidence Study. 2017 , 101, 665-670	17
2038	Precise long non-coding RNA modulation in visual maintenance and impairment. 2017 , 54, 450-459	20
2037	STOP Glaucoma in Sub Saharan Africa: enhancing awareness, detection, management, and capacity for glaucoma care. 2017 , 12, 197-206	7
2036	Assessment of intraocular pressure sensing using an implanted reflective flexible membrane. 2017 , 22, 47001	4
2035	Microbypass stent implantation with cataract extraction and endocyclophotocoagulation versus microbypass stent with cataract extraction for glaucoma. 2017 , 43, 377-382	10
2034	Evaluation of the effects on choroidal thickness of bimatoprost 0.03% versus a brinzolamide 1.0%/timolol maleate 0.5% fixed combination. 2017 , 36, 397-403	6
2033	XEN Gel Stent Internal Ostium Occlusion: Ab-Interno Revision. 2017 , 26, e150-e152	18
2032	Advances in Vision Research, Volume I. 2017 ,	
2031	Anterior Chamber Angle and Anterior Segment Structure of Eyes in Children With Early Stages of Retinopathy of Prematurity. 2017 , 179, 46-54	20
2030	Why does acute primary angle closure happen? Potential risk factors for acute primary angle closure. 2017 , 62, 635-647	32
2029	Stem Cells for Retinal Disease: A Perspective on the Promise and Perils. 2017 , 179, 32-38	11
2028	Willingness to Use Mobile Health in Glaucoma Patients. 2017 , 23, 822-827	14
2027	Improving services for glaucoma care in Nigeria: implications for policy and programmes to achieve universal health coverage. 2017 , 101, 543-547	11
2026	Receptor of Advanced Glycation End Products Gene Polymorphism and Primary Open-Angle Glaucoma. 2017 , 58, 81-84	5
2025	A Pilot Study to Evaluate the Oral Microbiome and Dental Health in Primary Open-Angle Glaucoma. 2017 , 26, 320-327	22
2024	Major review: Molecular genetics of primary open-angle glaucoma. 2017 , 160, 62-84	73
2023	Segmentation and Quantification for Angle-Closure Glaucoma Assessment in Anterior Segment OCT. 2017 , 36, 1930-1938	61

2022	Genetics of glaucoma. 2017 , 26, R21-R27		151
2021	Enhanced Diagnostic Capability for Glaucoma of 3-Dimensional Versus 2-Dimensional Neuroretinal Rim Parameters Using Spectral Domain Optical Coherence Tomography. 2017 , 26, 450-458		23
2020	Newer Surgical Options for Glaucoma. 2017 , 5, 58-66		
2019	Genome-Wide Association Studies of Glaucoma. 2017 , 275-290		1
2018	Genetic Complexity of Primary Angle-Closure Glaucoma in Asians. 2017 , 291-313		
2017	Comparison of Corneal Biomechanical Properties between Indian and Chinese Adults. <i>Ophthalmology</i> , 2017 , 124, 1271-1279	7-3	8
2016	Real-time imaging of single neuronal cell apoptosis in patients with glaucoma. 2017 , 140, 1757-1767		80
2015	Blindness. 2017 , 239-246		2
2014	Analysis of a Physician-led, Team-based Care Model for the Treatment of Glaucoma. 2017 , 26, 702-707		5
2013	Genome-Wide Association Study of Age-Related Eye Diseases in Chinese Population. 2017 , 209-229		
2012	Aqueous humour dynamics and biometrics in the ageing Chinese eye. 2017 , 101, 1290-1296		6
2011	Update on ciliary body laser procedures. 2017 , 28, 181-186		24
2010	A Review of Nitric Oxide for the Treatment of Glaucomatous Disease. 2017 , 6, 221-232		53
2009	Diagnosis and Monitoring of Low-Tension Glaucoma. 2017 , 5, 1-6		
2008	Association Between Undetected 10-2 Visual Field Damage and Vision-Related Quality of Life in Patients With Glaucoma. 2017 , 135, 742-747		49
2007	Glaucoma may be a non-memory manifestation of Alzheimer's disease in older people. 2017 , 1-7		19
2006	Glaucoma. 2017 , 390, 2183-2193		501
2005	Optimizing Glaucoma Screening in High-Risk Population: Design and 1-Year Findings of the Screening to Prevent (SToP) Glaucoma Study. 2017 , 180, 18-28		23

2004	Topical Coenzyme Q10 demonstrates mitochondrial-mediated neuroprotection in a rodent model of ocular hypertension. 2017 , 36, 114-123	55
2003	Relationship Between Serum Glucose Levels and Intraocular Pressure, a Population-based Cross-sectional Study. 2017 , 26, 652-656	13
2002	Corneal hysteresis in patients with glaucoma-like optic discs, ocular hypertension and glaucoma. 2017 , 17, 1	28
2001	The Effects of Phacoemulsification on Intraocular Pressure and Topical Medication Use in Patients With Glaucoma: A Systematic Review and Meta-analysis of 3-Year Data. 2017 , 26, 511-522	49
2000	Astrocytes and glaucomatous neurodegeneration. 2017 , 157, 1-4	3
1999	Trends in operating room-based glaucoma procedures in France from 2005 to 2014: a nationwide study. 2017 , 101, 1500-1504	14
1998	New classes of glaucoma medications. 2017 , 28, 161-168	24
1997	Use of Ocular Hypotensive Medications in Portugal: PEM Study: A Cross-sectional Nationwide Analysis. 2017 , 26, 571-576	9
1996	Quantification of the efficacy of collagen cross-linking agents to induce stiffening of rat sclera. 2017 , 14,	20
1995	Texture based on geostatistic for glaucoma diagnosis from fundus eye image. 2017 , 76, 19173-19190	18
1994	Association between self-reported bupropion use and glaucoma: a population-based study. 2017 , 101, 525-529	7
1993	Proposing new indicators for glaucoma healthcare service. 2017 , 4, 6	5
1992	Recent Advancements in Retinal Vessel Segmentation. 2017 , 41, 70	56
1991	Sigma Receptors: Their Role in Disease and as Therapeutic Targets. 2017 ,	10
1990	Latanoprostene bunod ophthalmic solution 0.024% for IOP lowering in glaucoma and ocular hypertension. 2017 , 18, 433-444	36
1989	The Role of Sigma 1 Receptor as a Neuroprotective Target in Glaucoma. 2017 , 964, 299-307	5
1988	Visual impairment at baseline is associated with future poor physical functioning among middle-aged women: The Study of Women's Health Across the Nation, Michigan Site. 2017 , 96, 33-38	8
1987	Visual complications in diabetes mellitus: beyond retinopathy. 2017 , 34, 478-484	43

1986	Prevalence of posterior vitreous detachment in glaucoma patients and controls. 2017 , 95, 276-280		10
1985	Primary angle closure glaucoma: What we know and what we don't know. 2017 , 57, 26-45		151
1984	Outcomes analysis of trabecular meshwork bypass devices. 2017 , 12, 83-91		
1983	Antihypertensive Medication Postpones the Onset of Glaucoma: Evidence From a Nationwide Study. 2017 , 69, 202-210		21
1982	Evaluation of the Myocilin Mutation Gln368Stop Demonstrates Reduced Penetrance for Glaucoma in European Populations. <i>Ophthalmology</i> , 2017 , 124, 547-553	7-3	17
1981	Primary angle closure glaucoma (PACG) susceptibility gene PLEKHA7 encodes a novel Rac1/Cdc42 GAP that modulates cell migration and blood-aqueous barrier function. 2017 , 26, 4011-4027		16
1980	Open-angle glaucoma: therapeutically targeting the extracellular matrix of the conventional outflow pathway. 2017 , 21, 1037-1050		24
1979	Comparing the use of phacoemulsification and combined surgery in angle-closure glaucoma. 2017 , 12, 395-402		1
1978	Is atrial fibrillation a risk factor for normal-tension glaucoma?. 2017 , 96, e8347		6
1977	Ahmed glaucoma valve in various etiologies of refractory glaucoma: Surgical outcomes and success factors. 2017 , 40, 770-776		1
1976	Adjunctive Imaging for Canal-based Glaucoma Surgery. 2017 , 57, 73-84		
1975	Multiplex Cytokine Analysis of Aqueous Humor from the Patients with Chronic Primary Angle Closure Glaucoma. 2017 , 42, 1608-1613		20
1974	The synergistic effect of inflammation and metabolic syndrome on intraocular pressure: A cross-sectional study. 2017 , 96, e7851		6
1973	Management of Blood Pressure in Patients with Glaucoma. 2017 , 19, 109		15
1972	The ISNT Rule: How Often Does It Apply to Disc Photographs and Retinal Nerve Fiber Layer Measurements in the Normal Population?. 2017 , 184, 19-27		17
1971	West Indies Glaucoma Laser Study (WIGLS): 1. 12-Month Efficacy of Selective Laser Trabeculoplasty in Afro-Caribbeans With Glaucoma. 2017 , 184, 28-33		27
1970	Design and synthesis of benzimidazole-based Rho kinase inhibitors for the treatment of glaucoma. 2017 , 25, 6071-6085		9
1969	Global causes of blindness and distance vision impairment 1990-2020: a systematic review and meta-analysis. 2017 , 5, e1221-e1234		1218

1968	Ab Interno Gel Implant for the Treatment of Glaucoma Patients With or Without Prior Glaucoma Surgery: 1-Year Results. 2017 , 26, 1130-1136	40
1967	Relationship between hematocrit levels and intraocular pressure in men and women: A population-based cross-sectional study. 2017 , 96, e8290	5
1966	Performance of an iPad Application to Detect Moderate and Advanced Visual Field Loss in Nepal. 2017 , 182, 147-154	48
1965	A new approach for the management of primary angle-closure glaucoma after EAGLE trial. 2017 , 92, 351-352	
1964	Rapid loading and prolonged release of latanoprost from a silicone hydrogel contact lens. 2017 , 41, 410-418	18
1963	Genetic correlations between intraocular pressure, blood pressure and primary open-angle glaucoma: a multi-cohort analysis. 2017 , 25, 1261-1267	9
1962	Ahmed Valve Upstream Obstruction Caused by Fibrous Ingrowth: Surgical Approach. 2017 , 26, e236-e238	2
1961	International Vision Care: Issues and Approaches. 2017 , 3, 53-68	13
1960	Generation of a new mouse model of glaucoma characterized by reduced expression of the AP-2 β and AP-2 δ proteins. 2017 , 7, 11140	6
1959	Surgical treatment of neovascular glaucoma with Ex-PRESS glaucoma shunt: Case report. 2017 , 96, e7845	5
1958	Principles of pharmacology in the eye. 2017 , 174, 4205-4223	79
1957	Primary Trabeculectomy Outcomes by Glaucoma Fellows in a Tertiary Hospital in Brazil. 2017 , 26, 1019-1024	5
1956	Glaucoma Screening in Nepal: Cup-to-Disc Estimate With Standard Mydriatic Fundus Camera Compared to Portable Nonmydriatic Camera. 2017 , 182, 99-106	18
1955	An Update on Implants for Minimally Invasive Glaucoma Surgery (MIGS). 2017 , 6, 233-241	50
1954	High Altitude-associated Changes in Intraocular Pressure Abrogated by Trabeculectomy. 2017 , 26, 957-960	2
1953	A new approach for the management of primary angle-closure glaucoma after EAGLE trial. 2017 , 92, 351-352	
1952	Neuroglobin Can Prevent or Reverse Glaucomatous Progression in DBA/2J Mice. 2017 , 5, 200-220	25
1951	Association of SIX1/SIX6 locus polymorphisms with regional circumpapillary retinal nerve fibre layer thickness: The Nagahama study. 2017 , 7, 4393	6

1950	Long-term Outcome of Argon Laser Peripheral Iridoplasty in the Management of Plateau Iris Syndrome Eyes. 2017 , 26, 780-786	12
1949	Age at natural menopause genetic risk score in relation to age at natural menopause and primary open-angle glaucoma in a US-based sample. 2017 , 24, 150-156	5
1948	Characterization of ocular biometrics and aqueous humor dynamics in primary angle closure suspects. 2017 , 96, e6096	1
1947	Optical Coherence Tomography Angiography of the Peripapillary Retina in Primary Angle-Closure Glaucoma. 2017 , 182, 194-200	49
1946	Modeling Glaucoma: Retinal Ganglion Cells Generated from Induced Pluripotent Stem Cells of Patients with SIX6 Risk Allele Show Developmental Abnormalities. 2017 , 35, 2239-2252	33
1945	Performance and Safety of a New Ab Interno Gelatin Stent in Refractory Glaucoma at 12' Months. 2017 , 183, 25-36	151
1944	A microscale optical implant for continuous monitoring of intraocular pressure. 2017 , 3, 17057	39
1943	New pharmacotherapy for the treatment of glaucoma. 2017 , 18, 1939-1946	13
1942	Ultrahigh field MR imaging of a subconjunctival anti-glaucoma drug delivery system in a rabbit model. 2017 , 7, 15780	6
1941	Real-Time Intraocular Pressure Monitoring using an Optomechanical Implant and an Artificial Neural Network. 2017 , 17, 7394-7404	7
1940	Association between coagulation function and patients with primary angle closure glaucoma: a 5-year retrospective case-control study. 2017 , 7, e016719	4
1939	Clear Lens Extraction for Early Angle-Closure Glaucoma: Revolution or Overtreatment?. 2017 , 26, 297-298	1
1938	In vivo imaging of retinal neurodegeneration at the single cell level in humans. 2017 , 140, 1542-1543	
1937	A novel algorithm to detect glaucoma risk using texton and local configuration pattern features extracted from fundus images. 2017 , 88, 72-83	66
1936	Low Vision Therapy for Glaucoma Patients. 2017 , 5, 85-92	
1935	Rapid learning curve assessment in an ex vivo training system for microincisional glaucoma surgery. 2017 , 7, 1605	31
1934	Topical treatment of glaucoma: established and emerging pharmacology. 2017 , 18, 885-898	26
1933	The Prevalence of Age-Related Eye Disease in an Elderly Population. 2017 , 24, 222-228	22

1932	Glaucoma treatment trends: a review. 2017 , 52, 114-124	130
1931	Genetic variants associated with primary open angle glaucoma in Indian population. 2017 , 109, 27-35	6
1930	Course of serum autoantibodies in patients after acute angle-closure glaucoma attack. 2017 , 45, 280-287	15
1929	Hidden mechanisms beyond the pupillary block in acute angle closure: ultrasound biomicroscopic study. 2017 , 45, 366-370	5
1928	Segmental outflow of aqueous humor in mouse and human. 2017 , 158, 59-66	20
1927	Neurotrophin receptor agonists and antagonists as therapeutic agents: An evolving paradigm. 2017 , 97, 139-155	29
1926	Glaucoma: recent advances in the involvement of autoimmunity. 2017 , 65, 207-217	10
1925	Modeling Human Glaucoma: Lessons from the in vitro Models. 2017 , 57, 77-86	21
1924	Longitudinal change in choroidal thickness after trabeculectomy in primary open-angle glaucoma patients. 2017 , 61, 105-112	13
1923	Elevated Regulatory T Cell Levels in Glaucoma Patients in Comparison to Healthy Controls. 2017 , 42, 562-567	8
1922	Prevalencia de glaucoma primario de ángulo abierto en pacientes mayores de 40 años de edad en un simulacro de campaña diagnóstica. 2017 , 91, 279-285	
1921	Matrix metalloproteinase-1 rs1799750 polymorphism and glaucoma: A meta-analysis. 2017 , 38, 211-216	9
1920	Correlations of AFAP1, GMDS and PTGFR gene polymorphisms with intra-ocular pressure response to latanoprost in patients with primary open-angle glaucoma. 2017 , 42, 87-92	6
1919	Role of the Rho GTPase/Rho kinase signaling pathway in pathogenesis and treatment of glaucoma: Bench to bedside research. 2017 , 158, 23-32	77
1918	Diagnostic ability of macular ganglion cell-inner plexiform layer thickness in glaucoma suspects. 2017 , 96, e9182	13
1917	A seeded fuzzy C-means based approach to automatic cup-to-disc ratio measurement. 2017 ,	
1916	Ab interno trabecular bypass surgery with iStent for open angle glaucoma. 2017 ,	2
1915	Primary Open-Angle Glaucoma Genetics in African Americans. 2017 , 5, 167-174	7

1914	Automated Detection of Iris Furrows and their Influence on Dynamic Iris Volume Change. 2017 , 7, 17894	4
1913	Epigenetic Treatment of Neurodegenerative Ophthalmic Disorders: An Eye Toward the Future. 2017 , 6, 169-181	11
1912	Impact of patient-held record on knowledge at 1-year follow-up for glaucoma patients: single-center randomized controlled trial. 2017 , 27, 542-547	2
1911	Glaucoma and intraocular pressure in EPIC-Norfolk Eye Study: cross sectional study. 2017 , 358, j3889	47
1910	Development and pilot-testing of patient decision aid for use among Chinese patients with primary open-angle glaucoma. 2017 , 2, e000100	3
1909	Endoscopic cyclophotocoagulation (ECP) for open angle glaucoma and primary angle closure. 2017 ,	7
1908	The diagnostic value of white blood cell, neutrophil, neutrophil-to-lymphocyte ratio, and lymphocyte-to-monocyte ratio in patients with primary angle closure glaucoma. 2017 , 8, 68984-68995	22
1907	Electronic Referrals and Digital Imaging Systems in Ophthalmology: A Global Perspective. 2017 , 6, 3-7	3
1906	Ketebalan Lapisan Serabut Saraf dan Sel Ganglion Retina pada Pasien dengan Bilik Mata Depan Sudut Tertutup Primer. 2017 , 5,	
1905	Mathematical Discrepancies of the Tono-Pen Applanation Tonometer. 2017 , 26, e30-e36	1
1904	Regulation of Stem Cell Properties of Müller Glia by JAK/STAT and MAPK Signaling in the Mammalian Retina. 2017 , 2017, 1610691	17
1903	Contribution of Mutations in Known Mendelian Glaucoma Genes to Advanced Early-Onset Primary Open-Angle Glaucoma. 2017 , 58, 1537-1544	11
1902	Alopecia Induced by Timolol Eye-drops. 2017 , 97, 295-296	6
1901	Role of nuclear factor (erythroid-derived 2)-like 2 in the age-resistant properties of the glaucoma trabecular meshwork. 2017 , 14, 791-796	15
1900	Prospective, non-interventional, multicenter study of the intraocular pressure-lowering effects of prostaglandin analog/prostamide-containing therapies in previously treated patients with open-angle glaucoma or ocular hypertension. 2017 , 11, 723-731	1
1899	National and subnational prevalence and burden of glaucoma in China: A systematic analysis. 2017 , 7, 020705	58
1898	Metabolic Vulnerability in the Neurodegenerative Disease Glaucoma. 2017 , 11, 146	43
1897	Targeted Delivery of Mitochondrial Calcium Channel Regulators: The Future of Glaucoma Treatment?. 2017 , 11, 648	5

1896	XEN Glaucoma Implant with Mitomycin C 1-Year Follow-Up: Result and Complications. 2017 , 2017, 5457246	94
1895	The Impact of Adherence and Instillation Proficiency of Topical Glaucoma Medications on Intraocular Pressure. 2017 , 2017, 1683430	14
1894	A Masked, Randomized, Phase 3 Comparison of Triple Fixed-Combination Bimatoprost/Brimonidine/Timolol versus Fixed-Combination Brimonidine/Timolol for Lowering Intraocular Pressure. 2017 , 2017, 4586763	4
1893	Epigenetics and Signaling Pathways in Glaucoma. 2017 , 2017, 5712341	39
1892	Capability of Ophthalmology Residents to Detect Glaucoma Using High-Dynamic-Range Concept versus Color Optic Disc Photography. 2017 , 2017, 8209270	2
1891	Changes in Glaucoma Medication during the Past Eight Years and Future Directions in Japan Based on an Insurance Medical Claim Database. 2017 , 2017, 7642049	11
1890	The Effect of Corneal Refractive Surgery on Glaucoma. 2017 , 2017, 8914623	7
1889	Genetic African Ancestry Is Associated With Central Corneal Thickness and Intraocular Pressure in Primary Open-Angle Glaucoma. 2017 , 58, 3172-3180	9
1888	Establishment and Characterization of an Acute Model of Ocular Hypertension by Laser-Induced Occlusion of Episcleral Veins. 2017 , 58, 3879-3886	10
1887	Genetic Association of the PARL-ABCC5-HTR3D-HTR3C Locus With Primary Angle-Closure Glaucoma in Chinese. 2017 , 58, 4384-4389	5
1886	Exploring Serum Levels of Brain Derived Neurotrophic Factor and Nerve Growth Factor Across Glaucoma Stages. 2017 , 12, e0168565	36
1885	Glaucoma in high myopia and parapapillary delta zone. 2017 , 12, e0175120	32
1884	Influence of eye biometrics and corneal micro-structure on noncontact tonometry. 2017 , 12, e0177180	9
1883	Visual field changes after vitrectomy with internal limiting membrane peeling for epiretinal membrane or macular hole in glaucomatous eyes. 2017 , 12, e0177526	19
1882	FOXC1 modulates MYOC secretion through regulation of the exocytic proteins RAB3GAP1, RAB3GAP2 and SNAP25. 2017 , 12, e0178518	8
1881	Effects of water drinking test on ocular blood flow waveform parameters: A laser speckle flowgraphy study. 2017 , 12, e0181512	6
1880	A feed-forward regulation of endothelin receptors by c-Jun in human non-pigmented ciliary epithelial cells and retinal ganglion cells. 2017 , 12, e0185390	3
1879	Specvis: Free and open-source software for visual field examination. 2017 , 12, e0186224	5

1878	. 2017,	3
1877	Effects of Lycium barbarum on the Visual System. 2017, 135, 1-27	11
1876	Awareness and knowledge of glaucoma and associated factors among adults: a cross sectional study in Gondar Town, Northwest Ethiopia. 2017, 17, 154	9
1875	Factors associated with the occurrence of a fall in subjects with primary open-angle glaucoma. 2017, 17, 213	1
1874	Link between neurodegeneration and trabecular meshwork injury in glaucomatous patients. 2017, 17, 223	10
1873	Ocular lubricant use in medically and surgically treated glaucoma: a retrospective longitudinal analysis. 2017, 11, 1191-1196	7
1872	Effect of Cromakalim Prodrug 1 (CKLP1) on Aqueous Humor Dynamics and Feasibility of Combination Therapy With Existing Ocular Hypotensive Agents. 2017, 58, 5731-5742	18
1871	Stanniocalcin-1 Is an Ocular Hypotensive Agent and a Downstream Effector Molecule That Is Necessary for the Intraocular Pressure-Lowering Effects of Latanoprost. 2017, 58, 2715-2724	9
1870	Tissue Transglutaminase Elevates Intraocular Pressure in Mice. 2017, 58, 6197-6211	12
1869	Comparison of MicroRNA Expression in Aqueous Humor of Normal and Primary Open-Angle Glaucoma Patients Using PCR Arrays: A Pilot Study. 2017, 58, 2884-2890	31
1868	Association of Glaucoma-Susceptible Genes to Regional Circumpapillary Retinal Nerve Fiber Layer Thickness and Visual Field Defects. 2017, 58, 2510-2519	13
1867	Patient considerations in ocular hypertension: role of bimatoprost ophthalmic solution. 2017, 11, 1273-1280	3
1866	Ahmed glaucoma valve implant: surgical technique and complications. 2017, 11, 357-367	55
1865	Evidence for Cerebrospinal Fluid Entry Into the Optic Nerve via a Glymphatic Pathway. 2017, 58, 4784-4791	62
1864	Emerging research in wireless and MEMS for medical applications. 2017, 153-175	2
1863	Predicting Future Self-Reported Motor Vehicle Collisions in Subjects with Primary Open-Angle Glaucoma Using the Penalized Support Vector Machine Method. 2017, 6, 14	6
1862	Pattern Electroretinography and Visual Evoked Potentials Provide Clinical Evidence of CNS Modulation of High- and Low-Contrast VEP Latency in Glaucoma. 2017, 6, 6	9
1861	Higher Contrast Requirement for Letter Recognition and Macular RGC+ Layer Thinning in Glaucoma Patients and Older Adults. 2017, 58, 6221-6231	10

1860	Referral to Low Vision Services for Glaucoma Patients: Referral Patterns and Characteristics of Those Who Refer. 2017 , 26, e115-e120		8
1859	The relation between dietary intake and glaucoma: a systematic review. 2018 , 96, 550-556		14
1858	Neuroprotection of Transplanting Human Umbilical Cord Mesenchymal Stem Cells in a Microbead Induced Ocular Hypertension Rat Model. 2018 , 43, 810-820		21
1857	Differences in Optic Nerve Head, Retinal Nerve Fiber Layer, and Ganglion Cell Complex Parameters Between Caucasian and Chinese Subjects. 2018 , 27, 350-356		3
1856	Depression and quality of life in a community-based glaucoma-screening project. 2018 , 53, 354-360		4
1855	Longitudinal changes in intraocular pressure and association with systemic factors and refractive error: Lingtou Eye Cohort Study. 2018 , 8, e019416		12
1854	Glaucoma referral refinement in Ireland: managing the sensitivity-specificity paradox in optometric practice. 2018 , 38, 400-410		4
1853	Heritability of glaucoma and glaucoma-related endophenotypes: systematic review and meta-analysis protocol. 2018 , 8, e019049		5
1852	Efficacy of a Deep Learning System for Detecting Glaucomatous Optic Neuropathy Based on Color Fundus Photographs. <i>Ophthalmology</i> , 2018 , 125, 1199-1206	7-3	311
1851	Twenty-year outcomes in patients with newly diagnosed glaucoma: mortality and visual function. 2018 , 102, 1663-1666		0
1850	The importance of combining structure and function to measure rates of progression in glaucoma. 2018 , 256, 1225-1226		
1849	Impact of the clinical use of ROCK inhibitor on the pathogenesis and treatment of glaucoma. 2018 , 62, 109-126		46
1848	Tonometers-which one should I use?. 2018 , 32, 931-937		15
1847	A Systematic Evaluation of State Laws Governing Optometric Glaucoma Management in the United States Upto 2015. 2018 , 27, 233-238		2
1846	Anterior Segment Imaging for Angle Closure. 2018 , 188, xvi-xxix		22
1845	Cataract, phacoemulsification and intraocular pressure: Is the anterior segment anatomy the missing piece of the puzzle?. 2018 , 64, 77-83		14
1844	Differentiating Occult Branch Retinal Artery Occlusion from Primary Open-angle Glaucoma. 2018 , 95, 106-112		1
1843	A Few Steps Toward Improving Glaucoma Diagnostic Accuracy and Understanding Intraocular Pressure. 2018 , 95, 86-87		

1842	Joint Optic Disc and Cup Segmentation Based on Multi-Label Deep Network and Polar Transformation. 2018 , 37, 1597-1605		339
1841	Are we ready for genetic testing for primary open-angle glaucoma?. 2018 , 32, 877-883		22
1840	OCT Angiography of the Central Macular Capillary Network in Glaucoma Patients and Healthy Controls. 2018 , 235, 436-444		
1839	Integrating Macular Ganglion Cell Inner Plexiform Layer and Parapapillary Retinal Nerve Fiber Layer Measurements to Detect Glaucoma Progression. <i>Ophthalmology</i> , 2018 , 125, 822-831	7-3	48
1838	Cross-linked hyaluronan films loaded with acetazolamide-cyclodextrin-triethanolamine complexes for glaucoma treatment. 2018 , 9, 205-220		5
1837	Systemic Medication Associations with Presumed Advanced or Uncontrolled Primary Open-Angle Glaucoma. <i>Ophthalmology</i> , 2018 , 125, 984-993	7-3	29
1836	The Role of Minimally Invasive Glaucoma Surgery Devices in the Management of Glaucoma. 2018 , 95, 155-162		17
1835	Inter-relationship between ocular perfusion pressure, blood pressure, intraocular pressure profiles and primary open-angle glaucoma: the Singapore Epidemiology of Eye Diseases study. 2018 , 102, 1402-1406		28
1834	Increasing mtDNA levels as therapy for mitochondrial optic neuropathies. 2018 , 23, 493-498		7
1833	Implantation of a CyPass Supraciliary Stent Combined With Targeted iStent Trabecular Microbypass Stents in a Phakic Patient With Primary Open-angle Glaucoma. 2018 , 27, e37-e39		3
1832	Advanced glaucoma at presentation is associated with poor follow-up among glaucoma patients attending a tertiary eye facility in Southern Nigeria. 2018 , 25, 266-272		6
1831	Reduced Retinal Vessel Density in Primary Angle Closure Glaucoma: A Quantitative Study Using Optical Coherence Tomography Angiography. 2018 , 27, 322-327		22
1830	Psychometric Properties of the Glaucoma Treatment Compliance Assessment Tool (GTCAT) in a Brazilian Population. 2018 , 27, 257-265		6
1829	MiR-93-5p targeting PTEN regulates the NMDA-induced autophagy of retinal ganglion cells via AKT/mTOR pathway in glaucoma. 2018 , 100, 1-7		33
1828	Health system dynamics analysis of eyecare services in Trinidad and Tobago and progress towards Vision 2020 Goals. 2018 , 33, 70-84		4
1827	Surgeon perspectives on learning ab-interno gelatin microstent implantation. 2018 , 53, 246-251		2
1826	Future perspectives in glaucoma medical therapy. 2018 , 93, 1-2		
1825	Vision Rehabilitation Preferred Practice Pattern' . <i>Ophthalmology</i> , 2018 , 125, P228-P278	7-3	23

1824	Ocular Hypertension in Adults with a History of Prematurity. 2018 , 2, 629-635	6
1823	Shared Cared for Stable Glaucoma Patients: Economic Benefits and Patient-centered Outcomes of a Feasibility Trial. 2018 , 27, 170-175	2
1822	Case Report: Xen Ab Interno Gel Stent Use in a Refractory Glaucoma Patient With Previous Filtration Surgeries. 2018 , 27, e59-e60	6
1821	Industrial Engineering in the Industry 4.0 Era. 2018 ,	2
1820	Baseline 24-2 Central Visual Field Damage Is Predictive of Global Progressive Field Loss. 2018 , 187, 92-98	13
1819	iDrugs and iDevices Discovery Research: Preclinical Assays, Techniques, and Animal Model Studies for Ocular Hypotensives and Neuroprotectants. 2018 , 34, 7-39	21
1818	Review of the Xen Gel Stent and InnFocus MicroShunt. 2018 , 29, 162-170	23
1817	Correlation of flow density, as measured using optical coherence tomography angiography, with structural and functional parameters in glaucoma patients. 2018 , 256, 589-597	34
1816	Hydrogen sulfide supplement attenuates the apoptosis of retinal ganglion cells in experimental glaucoma. 2018 , 168, 33-48	30
1815	Future perspectives in glaucoma medical therapy. 2018 , 93, 1-2	
1814	Implementation of medical retina virtual clinics in a tertiary eye care referral centre. 2018 , 102, 1391-1395	35
1813	Evaluation of Primary Angle-Closure Glaucoma Susceptibility Loci in Patients with Early Stages of Angle-Closure Disease. <i>Ophthalmology</i> , 2018 , 125, 664-670	73 15
1812	Cigarette smoking and glaucoma in the United States population. 2018 , 32, 716-725	12
1811	LncRNAs in genetic basis of glaucoma. 2018 , 3, e000131	13
1810	Systematic Literature Review of Clinical and Economic Outcomes of Micro-Invasive Glaucoma Surgery (MIGS) in Primary Open-Angle Glaucoma. 2018 , 7, 49-73	56
1809	The effect of trabeculectomy surgery on the central visual field in patients with glaucoma using microperimetry and optical coherence tomography. 2018 , 32, 1365-1371	6
1808	Cyclodestructive procedures for non-refractory glaucoma. 2018 , 4, CD009313	14
1807	The nitric oxide-guanylate cyclase pathway and glaucoma. 2018 , 77, 75-87	29

1806	Multifunctional biophotonic nanostructures inspired by the longtail glasswing butterfly for medical devices. 2018 , 13, 512-519	68
1805	Microperimetry and optical coherence tomography imaging in the fellow eye of patients with unilateral focal ischaemic glaucoma. 2018 , 32, 1372-1379	4
1804	Nitric oxide-donating compounds for IOP lowering in glaucoma. 2018 , 93, 290-299	2
1803	Pupillary Responses to Full-Field Chromatic Stimuli Are Reduced in Patients with Early-Stage Primary Open-Angle Glaucoma. <i>Ophthalmology</i> , 2018 , 125, 1362-1371	7-3 26
1802	A Comparative Study of Central Corneal Epithelial, Stromal, and Total Thickness in Males With and Without Primary Open-Angle Glaucoma. 2018 , 37, 712-719	9
1801	Comparative analysis of retinal ganglion cell damage in three glaucomatous rat models. 2018 , 172, 112-122	17
1800	Prospective study of flavonoid intake and risk of primary open-angle glaucoma. 2018 , 96, e692-e700	8
1799	Glaucoma Features in an East African Population: A 6-Year Cohort Study of Older Adults in Nakuru, Kenya. 2018 , 27, 455-463	11
1798	Prevalence of Ocular Hypertension and Glaucoma as Well as Associated Factors in Graves' Orbitopathy. 2018 , 27, 464-469	4
1797	Focal Lamina Cribrosa Defect in Myopic Eyes With Nonprogressive Glaucomatous Visual Field Defect. 2018 , 190, 34-49	14
1796	Is Patient Knowledge of Glaucoma Improved by Using a Glaucoma Logbook?. 2018 , 27, 470-475	
1795	Prospective study comparing Xalatan eye drops and two similar generics as to the efficacy and safety profile. 2018 , 28, 378-384	4
1794	GRGM-13 comprising 13 plant and animal products, inhibited oxidative stress induced apoptosis in retinal ganglion cells by inhibiting P2RX7/p38 MAPK signaling pathway. 2018 , 101, 494-500	9
1793	Structural changes of macular inner retinal layers in early normal-tension and high-tension glaucoma by spectral-domain optical coherence tomography. 2018 , 256, 1245-1256	12
1792	[OCT Angiography of the Glaucoma Optic Nerve]. 2018 , 235, 205-211	5
1791	Steady-state pattern electroretinogram and short-duration transient visual evoked potentials in glaucomatous and healthy eyes. 2018 , 46, 54-61	6
1790	Aquaporins: Novel Targets for Age-Related Ocular Disorders. 2018 , 34, 177-187	7
1789	Social, health and ocular factors associated with primary open-angle glaucoma amongst Chinese Singaporeans. 2018 , 46, 25-34	10

1788	Minimally invasive combined glaucoma and cataract surgery: clinical results of the smallest ab interno gel stent. 2018 , 38, 1129-1134		78
1787	Impact of age at first childbirth on primary open-angle glaucoma. 2018 , 25, 82-88		3
1786	Costs of a community-based glaucoma detection programme: analysis of the Philadelphia Glaucoma Detection and Treatment Project. 2018 , 102, 225-232		13
1785	Long-term outcomes after acute primary angle closure of Caucasian chronic angle closure glaucoma patients. 2018 , 46, 232-239		5
1784	Predicting Vision-Related Disability in Glaucoma. <i>Ophthalmology</i> , 2018 , 125, 22-30	7.3	12
1783	Manipulating ocular endothelial tight junctions: Applications in treatment of retinal disease pathology and ocular hypertension. 2018 , 62, 120-133		13
1782	Validity of code based algorithms to identify primary open angle glaucoma (POAG) in Veterans Affairs (VA) administrative databases. 2018 , 25, 162-168		5
1781	Analysis of choroidal thickness in ocular hypertensive patients using enhanced depth imaging optical coherence tomography. 2018 , 33, 111-121		3
1780	The eye as a complement dysregulation hotspot. 2018 , 40, 65-74		57
1779	Compressed 3D and 2D digital images versus standard 3D slide film for the evaluation of glaucomatous optic nerve features. 2018 , 102, 364-368		1
1778	The role of phacoemulsification in glaucoma therapy: A systematic review and meta-analysis. 2018 , 63, 700-710		34
1777	Role of lens extraction and laser peripheral iridotomy in treatment of glaucoma. 2018 , 29, 96-99		3
1776	Comparison of New Visual Disturbances after Superior versus Nasal/Temporal Laser Peripheral Iridotomy: A Prospective Randomized Trial. <i>Ophthalmology</i> , 2018 , 125, 345-351	7.3	24
1775	Development of a Platform for Studying 3D Astrocyte Mechanobiology: Compression of Astrocytes in Collagen Gels. 2018 , 46, 365-374		9
1774	Glaucoma. 2018 ,		8
1773	Use of Animal Models and Techniques in Glaucoma Research: Introduction. 2018 , 1695, 1-10		13
1772	Investigation of MicroRNA Expression in Experimental Glaucoma. 2018 , 1695, 287-297		1
1771	Biometric Differences between Unilateral Chronic Primary Angle Closure Glaucoma and Fellow Non-Glaucomatous Eyes. 2018 , 33, 595-601		4

1770	Changing patterns in treatment of angle closure glaucoma. 2018 , 29, 130-134	11
1769	A Retrospective Review Comparing the Safety and Efficacy of 120 Versus 160 Applications of Selective Laser Trabeculoplasty. 2018 , 27, 94-99	3
1768	Use of Optical Coherence Tomography by Nonexpert Personnel as a Screening Approach for Glaucoma. 2018 , 27, 64-70	12
1767	Could White Coat Ocular Hypertension Affect to the Accuracy of the Diagnosis of Glaucoma? Relationships Between Anxiety and Intraocular Pressure in a Simulated Clinical Setting. 2018 , 43, 49-56	10
1766	Long-term intraocular pressure reduction with intracameral polycaprolactone glaucoma devices that deliver a novel anti-glaucoma agent. 2018 , 269, 45-51	16
1765	Investigation of CAV1/CAV2 rs4236601 and CDKN2B-AS1 rs2157719 in primary open-angle glaucoma patients from Brazil. 2018 , 39, 194-199	12
1764	Assessing the Methodological Quality of Glaucoma Clinical Practice Guidelines and Their Recommendations on Microinvasive Glaucoma Surgery: A Systematic Review. 2018 , 27, e44-e49	8
1763	Blebitis and Bleb Related Endophthalmitis. 2018 , 93-100	1
1762	Reactive oxygen species, oxidative stress, glaucoma and hyperbaric oxygen therapy. 2018 , 11, 3-9	53
1761	Comparing glaucomatous disc change using stereo disc viewing and the MatchedFlicker programme in glaucoma experts and trainees. 2018 , 102, 358-363	2
1760	Developing standards for the development of glaucoma virtual clinics using a modified Delphi approach. 2018 , 102, 531-534	10
1759	Burden of vision loss in the Eastern Mediterranean region, 1990-2015: findings from the Global Burden of Disease 2015 study. 2018 , 63, 199-210	11
1758	Patterns of care for glaucoma patients in Korea from 2002 to 2013 using the national health insurance service claims data. 2018 , 97, e12357	2
1757	Postoperative Inflammation After Endoscopic Cyclophotocoagulation: Racial Distribution and Effect on Outcomes. 2018 , 27, 266-268	17
1756	Trends in Glaucoma Surgical Procedures in Portugal: A 16-Year Nationwide Study (2000-2015). 2018 , 27, 682-686	4
1755	Bruch's membrane opening-minimum rim width and visual field loss in glaucoma: a broken stick analysis. 2018 , 11, 828-834	8
1754	B-mode sonographic evaluation of optic nerve sheath diameter and lens thickness in Nigerian adults with glaucoma. 2018 , 18, 343-351	1
1753	GCDB: a glaucomatous chemogenomics database for in silico drug discovery. 2018 , 2018,	1

1752	Automated Glaucoma Diagnosis Using Deep and Transfer Learning: Proposal of a System for Clinical Testing. 2018 ,	5
1751	. 2018 ,	0
1750	Human Pluripotent Stem Cells as In Vitro Models for Retinal Development and Disease. 2018 , 17-49	1
1749	Review of the Ahmed versus Baerveldt study's 5-year treatment outcomes. 2018 , 2, 18-18	
1748	Regenerative Medicine and Stem Cell Therapy for the Eye. 2018 ,	
1747	A review of combined phacoemulsification and endoscopic cyclophotocoagulation: efficacy and safety. 2018 , 11, 1396-1402	4
1746	Computer-Aided Diagnosis and Localization of Glaucoma Using Deep Learning. 2018 ,	4
1745	Altered whole-brain gray matter volume in primary angle closure glaucoma patients: a voxel-based morphometry study. 2018 , 29, 1405-1412	4
1744	Eye Surgery Simulator for the Training of Minimally Invasive Glaucoma Surgery Skills*. 2018 ,	
1743	Severity of primary open-angle glaucoma in patients with hypertension and diabetes. 2018 , 11, 209-215	4
1742	Manganese-Enhanced Magnetic Resonance Imaging: Overview and Central Nervous System Applications With a Focus on Neurodegeneration. 2018 , 10, 403	16
1741	Development of Targeted siRNA Nanocomplexes to Prevent Fibrosis in Experimental Glaucoma Filtration Surgery. 2018 , 26, 2812-2822	25
1740	Reduced Cerebrospinal Fluid Inflow to the Optic Nerve in Glaucoma. 2018 , 59, 5876-5884	24
1739	Ab interno gel implant in patients with primary open angle glaucoma and pseudoexfoliation glaucoma. 2018 , 18, 339	5
1738	Investigation of Corneal Astigmatism in Chinese Patients With Primary Angle Closure Disease. 2018 , 27, 1131-1135	2
1737	Provider Agreement in the Assessment of Glaucoma Progression Within a Team Model. 2018 , 27, 691-698	3
1736	Correlation between Intraocular Pressure and Angle Configuration Measured by OCT: The Chinese American Eye Study. 2018 , 1, 158-166	19
1735	Non-contact methods for the detection of people at risk of primary angle closure glaucoma. 2018 ,	2

1734	Quantitative Evaluation of Gonioscopic and EyeCam Assessments of Angle Dimensions Using Anterior Segment Optical Coherence Tomography. 2018 , 7, 33	14
1733	Experimental circumferential canaloplasty with a new Schlemm canal microcatheter. 2018 , 11, 1-5	1
1732	Migraine as a risk factor for primary open angle glaucoma: A systematic review and meta-analysis. 2018 , 97, e11377	12
1731	Ocular Biometric Characteristics of Chinese with History of Acute Angle Closure. 2018 , 2018, 5835791	1
1730	The impact of conjunctival flap method and drainage cannula diameter on bleb survival in the rabbit model. 2018 , 13, e0196968	3
1729	Cytotoxic effect of interleukin-8 in retinal ganglion cells and its possible mechanisms. 2018 , 11, 1277-1283	7
1728	Optic Disc Segmentation using Vessel In-painting and Random Walk Algorithm. 2018 ,	0
1727	Association Between Nonalcoholic Fatty Liver Disease and Intraocular Pressure in Korean Adults. 2018 , 27, 1099-1104	2
1726	Visual Evoked Potentials and Glaucoma. 2018 , 7, 352-355	5
1725	Outcomes and Complications of Ahmed Tube Implantation in Asian Eyes. 2018 , 27, 733-738	5
1724	Development of a drug-eluting microstent for micro-invasive glaucoma surgery. 2018 , 4, 603-606	4
1723	Combined Glaucoma and Cataract: An Overview. 2018 ,	1
1722	A Common Glaucoma-risk Variant of SIX6 Alters Retinal Nerve Fiber Layer and Optic Disc Measures in a European Population: The EPIC-Norfolk Eye Study. 2018 , 27, 743-749	10
1721	Primary Open Angle Glaucoma: Is It Just One Disease?. 2018 , 6, 67-72	
1720	A Novel Vision-Enhancing Technology for Low-Vision Impairments. 2018 , 42, 256	
1719	Performance of Deep Learning Architectures and Transfer Learning for Detecting Glaucomatous Optic Neuropathy in Fundus Photographs. 2018 , 8, 16685	127
1718	Clinical and epidemiological study in patients with primary open-angle glaucoma. 2018 , 77,	1
1717	Inflammatory cytokine profiles in eyes with primary angle-closure glaucoma. 2018 , 38,	19

1716	Healthcare Utilization by Glaucoma Patients in a Team Care Model. 2018 , 33, 829-837	1
1715	Visible-light optical coherence tomography-based multimodal system for quantitative fundus autofluorescence imaging. 2018 , 243, 1265-1274	4
1714	Intraocular pressure behavior in the Goldmann and pneumatic tonometer during water drinking test. 2018 , 77,	1
1713	Optic Disc and Cup Segmentation with Blood Vessel Removal from Fundus Images for Glaucoma Detection. 2018 , 2018, 862-865	9
1712	Comparison of variation of intraocular pressure in noncontact tonometry in patients subjected to phacoemulsification and trabeculectomy with phacoemulsification. 2018 , 12, 2157-2165	2
1711	Prospective, Non-randomized, 36-Month Study of Second-Generation Trabecular Micro-Bypass Stents with Phacoemulsification in Eyes with Various Types of Glaucoma. 2018 , 7, 405-415	33
1710	Automatic Measurement of Cup-to-Disc Ratio for Retinal Images. 2018 , 453-465	1
1709	Self-implantable double-layered micro-drug-reservoirs for efficient and controlled ocular drug delivery. 2018 , 9, 4433	127
1708	The Relationship Between Bruch's Membrane Opening-Minimum Rim Width and Retinal Nerve Fiber Layer Thickness and a New Index Using a Neural Network. 2018 , 7, 14	16
1707	Effectiveness of a Qualitative Approach Toward Evaluating OCT Imaging for Detecting Glaucomatous Damage. 2018 , 7, 7	13
1706	The Reasonable Cycle Length for Periodic Train Line Planning Problem. 2018 ,	0
1705	Wound-Healing Markers Revealed by Proximity Extension Assay in Tears of Patients following Glaucoma Surgery. 2018 , 19,	7
1704	Glaucoma-Related Differences in Gaze Behavior When Negotiating Obstacles. 2018 , 7, 10	6
1703	Patient satisfaction with care in an urban tertiary referral academic glaucoma clinic in the US. 2018 , 12, 775-781	5
1702	Glaucoma diagnosis using discrete wavelet transform and histogram features from fundus images. 2018 , 7, 2546	4
1701	Post-phacoemulsification iris changes in eyes with glaucoma or glaucoma suspect status. 2018 , 13, e0208776	1
1700	Effects of Sex Hormones on Ocular Blood Flow and Intraocular Pressure in Primary Open-angle Glaucoma: A Review. 2018 , 27, 1037-1041	18
1699	Changes in Australian practice patterns for glaucoma management. 2019 , 47, 571-580	5

1698	The Relationship Between Peripapillary Vascular Density and Visual Field Sensitivity in Primary Open-Angle and Angle-Closure Glaucoma. 2018 , 59, 5862-5867	17
1697	Estimating the age of the p.Cys433Arg variant in the MYOC gene in patients with primary open-angle glaucoma. 2018 , 13, e0207409	3
1696	. 2018 , 6, 77414-77428	17
1695	Daylight-Mediated, Passive, and Sustained Release of the Glaucoma Drug Timolol from a Contact Lens. 2018 , 4, 1677-1687	10
1694	Glaucoma Screening Through Level Set for Optic Disc Segmentation and Textural Features for Classification. 2018 ,	
1693	Towards smart self-clearing glaucoma drainage device. 2018 , 4, 35	13
1692	Rates of Visual Field Loss in Primary Open-Angle Glaucoma and Primary Angle-Closure Glaucoma: Asymmetric Patterns. 2018 , 59, 5717-5725	9
1691	In vitro and in vivo delivery of a sustained release nanocarrier-based formulation of an MRTF/SRF inhibitor in conjunctival fibrosis. 2018 , 16, 97	11
1690	Mobile campimetry. 2018 , 76, 153-166	0
1689	Visual evoked potential repeatability using the Diopsys NOVA LX fixed protocol in normal older adults. 2018 , 12, 1713-1729	0
1688	Decreased Serum Levels of Complement C3 Reflect Complement System Dysregulation in Patients With Primary Open-angle Glaucoma: Results From a Pilot Study. 2018 , 27, 761-768	10
1687	Three dimensional neuro-retinal rim thickness and retinal nerve fiber layer thickness using high-definition optical coherence tomography for open-angle glaucoma. 2018 , 62, 634-642	
1686	Aetiologies of acquired deafblindness in a national sample. 2018 , 36, 175-189	1
1685	A low meat diet increases the risk of open-angle glaucoma in women-The results of population-based, cross-sectional study in Japan. 2018 , 13, e0204955	7
1684	In Vivo Laser-Mediated Retinal Ganglion Cell Optoporation Using K1.1 Conjugated Gold Nanoparticles. 2018 , 18, 6981-6988	34
1683	Ultra-sensitive microfluidic wearable strain sensor for intraocular pressure monitoring. 2018 , 18, 3471-3483	31
1682	Enhanced Empirical Wavelet Transform for Denoising of Fundus Images. 2018 , 116-124	0
1681	Pluripotent Stem Cell-Based Approaches to Explore and Treat Optic Neuropathies. 2018 , 12, 651	15

1680	Safety and Efficiency of Trabectome-mediated Trabecular Meshwork Ablation for Chinese Glaucoma Patients: A Two-year, Retrospective, Multicentre Study. 2018 , 131, 420-425	4
1679	Glaucoma Diagnosis from Eye Fundus Images Based on Deep Morphometric Feature Estimation. 2018 , 319-327	8
1678	Intracameral Delivery of Layer-by-Layer Coated siRNA Nanoparticles for Glaucoma Therapy. 2018 , 14, e1803239	29
1677	Upcoming Methods and Specifications of Continuous Intraocular Pressure Monitoring Systems for Glaucoma. 2018 , 13, 66-71	10
1676	Effects of sustained daily latanoprost application on anterior chamber anatomy and physiology in mice. 2018 , 8, 13088	
1675	SB772077B, A New Rho Kinase Inhibitor Enhances Aqueous Humour Outflow Facility in Human Eyes. 2018 , 8, 15472	7
1674	Mindfulness Meditation Reduces Intraocular Pressure, Lowers Stress Biomarkers and Modulates Gene Expression in Glaucoma: A Randomized Controlled Trial. 2018 , 27, 1061-1067	49
1673	Long-term Outcomes of Baerveldt Glaucoma Implant Shunts as a Primary Versus Secondary Procedure. 2018 , 27, 1169-1174	6
1672	Genome-wide association study of primary open-angle glaucoma in continental and admixed African populations. 2018 , 137, 847-862	25
1671	Accuracy of peripapillary versus macular vessel density in diagnosis of early to advanced primary open angle glaucoma. 2018 , 41, 619-629	4
1670	Etidronate protects chronic ocular hypertension induced retinal oxidative stress and promotes retinal ganglion cells growth through IGF-1 signaling pathway. 2018 , 841, 75-81	5
1669	High intensity focused ultrasound cyclodestruction versus cyclodiode treatment of refractory glaucoma: A retrospective comparative study. 2018 , 41, 611-618	10
1668	Profile of netarsudil ophthalmic solution and its potential in the treatment of open-angle glaucoma: evidence to date. 2018 , 12, 1939-1944	19
1667	ReGAE 12: preventing glaucoma blindness in the Caribbean through implementation of the Moorfields Safer Surgery System and skills transfer from the UK to Trinidad and Tobago. 2018 , 12, 1775-1784	2
1666	The Effect of an Educational Intervention on Adherence to Intraocular Pressure-Lowering Medications in a Large Cohort of Older Adults with Glaucoma. 2018 , 24, 1284-1294	12
1665	Inactive matrix Gla protein is a novel circulating biomarker predicting retinal arteriolar narrowing in humans. 2018 , 8, 15088	11
1664	Bone Lead Levels and Risk of Incident Primary Open-Angle Glaucoma: The VA Normative Aging Study. 2018 , 126, 087002	7
1663	Transpalpebral Electrical Stimulation as a Novel Therapeutic Approach to Decrease Intraocular Pressure for Open-Angle Glaucoma: A Pilot Study. 2018 , 2018, 2930519	11

1662	Autofluorescence of Skin Advanced Glycation End Products as a Risk Factor for Open Angle Glaucoma: The ALIENOR Study. 2018 , 59, 75-84	6
1661	Effect of ranibizumab on levels of IL-6 and VEGF in peripheral blood and aqueous humor of glaucoma rat model and association of IL-6 and VEGF with optic nerve damage. 2018 , 16, 2506-2510	3
1660	On Asian Distinctiveness and Race as a Variable: The Case of Ophthalmic Epidemiology in Singapore. 2018 , 23, 252-270	3
1659	Towards a Glaucoma Risk Index Based on Simulated Hemodynamics from Fundus Images. 2018 , 65-73	10
1658	Blood pressure, ocular perfusion pressure and open-angle glaucoma in patients with systemic hypertension. 2018 , 12, 1511-1517	12
1657	Investigational drugs targeting prostaglandin receptors for the treatment of glaucoma. 2018 , 27, 777-785	9
1656	Concordance of 24-h intraocular pressure curve in patients with untreated unilateral primary open-angle glaucoma. 2018 , 16, 1461-1469	2
1655	Autotaxin-Lysophosphatidic Acid Pathway in Intraocular Pressure Regulation and Glaucoma Subtypes. 2018 , 59, 693-701	30
1654	A Functional Regression Model of the Retinal Nerve Fiber Layer Thickness in Healthy Subjects. 2018 , 7, 9	
1653	A Metabolomics Profiling of Glaucoma Points to Mitochondrial Dysfunction, Senescence, and Polyamines Deficiency. 2018 , 59, 4355-4361	24
1652	Asymmetric Patterns of Visual Field Defect in Primary Open-Angle and Primary Angle-Closure Glaucoma. 2018 , 59, 1279-1287	22
1651	Additive neuroprotective effects of 24(S)-hydroxycholesterol and allopregnanolone in an ex vivo rat glaucoma model. 2018 , 8, 12851	3
1650	Macular Vessel Density and Ganglion Cell/Inner Plexiform Layer Thickness and Their Combinational Index Using Artificial Intelligence. 2018 , 27, 750-760	13
1649	A Worldwide Price Comparison of Glaucoma Medications, Laser Trabeculoplasty, and Trabeculectomy Surgery. 2018 , 136, 1271-1279	15
1648	Active Lymphatic Drainage From the Eye Measured by Noninvasive Photoacoustic Imaging of Near-Infrared Nanoparticles. 2018 , 59, 2699-2707	13
1647	Philadelphia Telemedicine Glaucoma Detection and Follow-up Study: Analysis of Unreadable Fundus Images. 2018 , 27, 999-1008	11
1646	Prevalence of glaucoma in Germany: results from the Gutenberg Health Study. 2018 , 256, 1695-1702	17
1645	Assessing the role of ranibizumab in improving the outcome of glaucoma filtering surgery and neovascular glaucoma. 2018 , 18, 719-724	3

1644	Safety and effectiveness of primary transscleral diode laser cyclophotoablation for glaucoma in Nigeria. 2018 , 46, 1041-1047	9
1643	Optical Coherence Tomography Angiography in Glaucoma: A Review. 2018 , 60, 139-151	65
1642	Associations between factors related to atopic disease and glaucoma in the National Health and Nutrition Examination Survey. 2018 , 28, 598-606	1
1641	Contemporary approach to the diagnosis and management of primary angle-closure disease. 2018 , 63, 754-768	23
1640	Optical coherence tomography-measured changes over time in anterior chamber angle and diurnal intraocular pressure after laser iridotomy: IMPACT study. 2018 , 46, 895-902	7
1639	New Recommendations for the Treatment of Systemic Hypertension and their Potential Implications for Glaucoma Management. 2018 , 27, 567-571	20
1638	Influence of Sociodemographic Factors on Disease Characteristics and Vision-related Quality of Life in Primary Open-angle Glaucoma Patients: The Italian Primary Open Angle Glaucoma Study (IPOAGS). 2018 , 27, 776-784	9
1637	Access to and Experiences with, e-Health Technology Among Glaucoma Patients and Their Relationship with Medication Adherence. 2018 , 24, 1026-1035	9
1636	Disc-Aware Ensemble Network for Glaucoma Screening From Fundus Image. 2018 , 37, 2493-2501	164
1635	Morphological and functional changes in the rat retina associated with 2 months of intermittent moderate intraocular pressure elevation. 2018 , 8, 7727	5
1634	Discovery of β -Adrenergic Receptors Blocker-Carbonic Anhydrase Inhibitor Hybrids for Multitargeted Antiglaucoma Therapy. 2018 , 61, 5380-5394	45
1633	Current Development in Genome Wide Association Studies of Glaucoma. 2018 , 6, 79-85	
1632	Correlation between CHADS-VASc Score and Glaucoma Treatment and Prognosis. 2018 , 2018, 8931430	
1631	Changes in Flow Density Measured Using Optical Coherence Tomography Angiography after iStent Insertion in Combination with Phacoemulsification in Patients with Open-Angle Glaucoma. 2018 , 2018, 2890357	17
1630	Progress in Gene Therapy to Prevent Retinal Ganglion Cell Loss in Glaucoma and Leber's Hereditary Optic Neuropathy. 2018 , 2018, 7108948	22
1629	Diagnostic accuracy of macular ganglion cell-inner plexiform layer thickness for glaucoma detection in a population-based study: Comparison with optic nerve head imaging parameters. 2018 , 13, e0199134	12
1628	A Deep Learning-Based Algorithm Identifies Glaucomatous Discs Using Monoscopic Fundus Photographs. 2018 , 1, 15-22	46
1627	Pilot study assessing the structural changes in posttrabecular aqueous humor outflow pathway after trabecular meshwork surgery using swept-source optical coherence tomography. 2018 , 13, e0199739	7

1626	Insulin signalling promotes dendrite and synapse regeneration and restores circuit function after axonal injury. 2018 , 141, 1963-1980	63
1625	Selective Early Glial Reactivity in the Visual Pathway Precedes Axonal Loss, Following Short-Term Cerebrospinal Fluid Pressure Reduction. 2018 , 59, 3394-3404	3
1624	Glaucoma Control Strategies in Sub-Saharan Africa: A Review of the Clinical and Health Economic Evidence. 2018 , 25, 419-435	9
1623	Shared-hole graph search with adaptive constraints for 3D optic nerve head optical coherence tomography image segmentation. 2018 , 9, 962-983	7
1622	Low Sensitivity of the Van Herick Method for Detecting Gonioscopic Angle Closure Independent of Observer Expertise. 2018 , 195, 63-71	6
1621	Mesenchymal Stem Cell-Derived Small Extracellular Vesicles Promote Neuroprotection in Rodent Models of Glaucoma. 2018 , 59, 702-714	54
1620	Group-based patient education delivered by nurses to meet a clinical standard for glaucoma information provision: the G-TRAIN feasibility study. 2018 , 4, 121	2
1619	Association between glaucoma severity and driving cessation in subjects with primary open-angle glaucoma. 2018 , 18, 122	2
1618	Comparison of Anterior Segment Optical Coherence Tomography Parameters Among Vietnamese, Chinese, and Whites. 2018 , 195, 72-82	10
1617	Direct and Indirect Associations Between Diabetes and Intraocular Pressure: The Singapore Epidemiology of Eye Diseases Study. 2018 , 59, 2205-2211	15
1616	Racial Differences in the Effects of Hormone Therapy on Incident Open-Angle Glaucoma in a Randomized Trial. 2018 , 195, 110-120	6
1615	Identifying risk factors for blindness from primary open-angle glaucoma by race: a case-control study. 2018 , 12, 377-383	4
1614	Proteomic Alterations in Aqueous Humor From Patients With Primary Open Angle Glaucoma. 2018 , 59, 2635-2643	25
1613	Computer-aided diagnosis of glaucoma using fundus images: A review. 2018 , 165, 1-12	58
1612	Topical Curcumin Nanocarriers are Neuroprotective in Eye Disease. 2018 , 8, 11066	51
1611	A Methodology for Individual-Specific Modeling of Rat Optic Nerve Head Biomechanics in Glaucoma. 2018 , 140,	11
1610	Perilimbal sclera mechanical properties: Impact on intraocular pressure in porcine eyes. 2018 , 13, e0195882	7
1609	XEN glaucoma treatment system in the management of refractory glaucomas: a short review on trial data and potential role in clinical practice. 2018 , 12, 773-782	36

1608	Gonadal Hormones and Retinal Disorders: A Review. 2018 , 9, 66	41
1607	Changes of Visual Pathway and Brain Connectivity in Glaucoma: A Systematic Review. 2018 , 12, 363	37
1606	Prevalence of depression and anxiety among participants with glaucoma in a population-based cohort study: The Gutenberg Health Study. 2018 , 18, 157	18
1605	Real-Time Imaging of Retinal Ganglion Cell Apoptosis. 2018 , 7,	24
1604	Histopathologic Examination of Trabecular Meshwork Changes After Trabecular Bypass Stent Implantation. 2018 , 27, 606-609	13
1603	Annexins in Glaucoma. 2018 , 19,	6
1602	Comparison of Six Different Silicones In Vitro for Application as Glaucoma Drainage Device. 2018 , 11,	6
1601	The Effect of Vitamins on Glaucoma: A Systematic Review and Meta-Analysis. 2018 , 10,	26
1600	Systemic Disease and Long-term Intraocular Pressure Mean, Peak, and Variability in Nonglaucomatous Eyes. 2018 , 193, 184-196	1
1599	Clinical outcomes of patterned laser trabeculoplasty as adjuvant therapy in open angle glaucoma and ocular hypertension. 2018 , 11, 635-640	5
1598	Factors associated with developing a fear of falling in subjects with primary open-angle glaucoma. 2018 , 18, 39	9
1597	Neuroinflammation and neurohormesis in the pathogenesis of Alzheimer's disease and Alzheimer-linked pathologies: modulation by nutritional mushrooms. 2018 , 15, 8	86
1596	Transforming growth factor β (TGF β) signaling plays a key role in glucocorticoid-induced ocular hypertension. 2018 , 293, 9854-9868	47
1595	Impact of aromatase absence on murine intraocular pressure and retinal ganglion cells. 2018 , 8, 3280	10
1594	Nitric oxide-donating compounds for IOP lowering in glaucoma. 2018 , 93, 290-299	
1593	Increased Iris Stiffness in Patients With a History of Angle-Closure Glaucoma: An Image-Based Inverse Modeling Analysis. 2018 , 59, 4134-4142	15
1592	Agreement of Anterior Segment Parameters Obtained From Swept-Source Fourier-Domain and Time-Domain Anterior Segment Optical Coherence Tomography. 2018 , 59, 1554-1561	23
1591	Nodes of Ranvier in Glaucoma. 2018 , 390, 104-118	13

1590	MicroRNA-related polymorphisms in pseudoexfoliation syndrome, pseudoexfoliative glaucoma, and primary open-angle glaucoma. 2018 , 39, 603-609	9
1589	Glaucoma-associated long-term mortality in a rural cohort from India: the Andhra Pradesh Eye Disease Study. 2018 , 102, 1477-1482	6
1588	Low iris and anterior chamber volume is associated with deepening after laser peripheral iridotomy in primary angle closure suspects. 2018 , 256, 2173-2179	5
1587	Ultrastructural Morphology of the Optic Nerve Head in Aged and Glaucomatous Mice. 2018 , 59, 3984-3996	14
1586	Asiatic Acid Prevents Retinal Ganglion Cell Apoptosis in a Rat Model of Glaucoma. 2018 , 12, 489	12
1585	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets. 2018 , 59, 629-636	9
1584	Regenerative medicine in the retina: from stem cells to cell replacement therapy. 2018 , 10, 25158414187744338	3
1583	Update on Microinvasive Glaucoma Surgery. 2018 , 58, 101-115	4
1582	Factors Associated With Long-term Intraocular Pressure Fluctuation in Primary Angle Closure Disease: The CUHK PACG Longitudinal (CUPAL) Study. 2018 , 27, 703-710	8
1581	Optimization for training CNN deep models based on swarm intelligence. 2018 ,	1
1580	Research progress on human genes involved in the pathogenesis of glaucoma (Review). 2018 , 18, 656-674	11
1579	Redefining clinical outcomes and endpoints in glaucoma. 2018 , 13, 113-127	3
1578	Scleral Patch Graft Melt After Tube Shunt Surgery: Grading and Identification of Risk Factors. 2018 , 27, 717-722	1
1577	A multiethnic genome-wide association study of primary open-angle glaucoma identifies novel risk loci. 2018 , 9, 2278	83
1576	Iridotomy to slow progression of visual field loss in angle-closure glaucoma. 2018 , 6, CD012270	6
1575	Proteomic Analysis of Aqueous Humor from Primary Open Angle Glaucoma Patients on Drug Treatment Revealed Altered Complement Activation Cascade. 2018 , 17, 2499-2510	14
1574	Cost-effectiveness analysis of iStent trabecular micro-bypass stent for patients with open-angle glaucoma in Colombia. 2019 , 35, 329-340	12
1573	Is vision-related quality of life impaired in patients with preperimetric glaucoma?. 2019 , 103, 955-959	9

1572	Glaucoma diagnosis in fundus eye images using diversity indexes. 2019 , 78, 12987-13004	3
1571	Prevalence and risk factors of glaucoma in an adult population from Shahroud, Iran. 2019 , 31, 366-372	8
1570	Ten-year changes of intraocular pressure in adults: the Liwan Eye Study. 2019 , 47, 41-48	1
1569	[Glaucoma in inpatient care in Germany in 2015]. 2019 , 116, 542-552	
1568	Combination of Simple Diagnostic Tests to Detect Primary Angle Closure Disease in a Resource-constrained Region. 2019 , 26, 430-438	3
1567	Green Tea Extract Ameliorates Ischemia-Induced Retinal Ganglion Cell Degeneration in Rats. 2019 , 2019, 8407206	13
1566	Predictors of Endothelial Cell Loss after Phacoemulsification for the Treatment of Primary Angle Closure. 2019 , 2019, 6368784	
1565	Aqueous humor levels of TGF β and SFRP1 in different types of glaucoma. 2019 , 19, 170	13
1564	Primary Open-Angle African American Glaucoma Genetics (POAAGG) Study: gender and risk of POAG in African Americans. 2019 , 14, e0218804	16
1563	Optic Nerve Regeneration: Considerations on Treatment of Acute Optic Neuropathy and End-Stage Disease. 2019 , 7, 11-20	7
1562	Automatic glaucoma classification using color fundus images based on convolutional neural networks and transfer learning. 2019 , 10, 892-913	71
1561	Medinoid: Computer-Aided Diagnosis and Localization of Glaucoma Using Deep Learning $\hat{\alpha}$ 2019 , 9, 3064	10
1560	Effect of Topical Corticosteroids on Early Postoperative Intraocular Pressure Following Combined Cataract and Trabecular Microbypass Surgery. 2019 , 35, 413-420	10
1559	Integration of Genetic and Biometric Risk Factors for Detection of Primary Angle Closure Glaucoma. 2019 , 208, 160-165	7
1558	A Multifunctional Smart Soft Contact Lens Device Enabled by Nanopore Thin Film for Glaucoma Diagnostics and In Situ Drug Delivery. 2019 , 28, 810-816	19
1557	Associations between TLR4 Polymorphisms and Open Angle Glaucoma: A Meta-Analysis. 2019 , 2019, 6707650	2
1556	Detection of glaucomatous optic neuropathy with spectral-domain optical coherence tomography: a retrospective training and validation deep-learning analysis. 2019 , 1, e172-e182	43
1555	General ophthalmic services in Scotland: value for (public) money?. 2019 , 39, 225-231	4

1554	Machine Learning-Based Predictive Modeling of Surgical Intervention in Glaucoma Using Systemic Data From Electronic Health Records. 2019 , 208, 30-40	18
1553	Determining Possible Shared Genetic Architecture Between Myopia and Primary Open-Angle Glaucoma. 2019 , 60, 3142-3149	5
1552	Surgical Management of Primary Angle-Closure Disease-Why Less Is More. 2019 , 137, 1113-1114	
1551	Association of Polymorphisms at the SIX1-SIX6 Locus With Primary Open-Angle Glaucoma. 2019 , 60, 2914-2924	
1550	Multi-target-directed-ligands acting as enzyme inhibitors and receptor ligands. 2019 , 180, 690-706	17
1549	Penetration Enhancers in Ocular Drug Delivery. 2019 , 11,	66
1548	Evaluating the Effects of an Ophthalmic Solution of Coenzyme Q10 and Vitamin E in Open-Angle Glaucoma Patients: A Study Protocol. 2019 , 36, 2506-2514	15
1547	Efficacy and Safety of Brinzolamide as Add-On to Prostaglandin Analogues or β -Blocker for Glaucoma and Ocular Hypertension: A Systematic Review and Meta-Analysis. 2019 , 10, 679	7
1546	Genetic Insights into Primary Open-Angle Glaucoma. 2019 , 301-305	1
1545	Efficacy of Phacoemulsification Alone vs Phacoemulsification With Goniosynechialysis in Patients With Primary Angle-Closure Disease: A Randomized Clinical Trial. 2019 , 137, 1107-1113	19
1544	Ureidobenzenesulfonamides as efficient inhibitors of carbonic anhydrase II. 2019 , 91, 103123	4
1543	Rosiglitazone Treatment Prevents Postoperative Fibrosis in a Rabbit Model of Glaucoma Filtration Surgery. 2019 , 60, 2743-2752	13
1542	Th17 cells in glaucoma patients promote Ig production in IL-17A and IL-21-dependent manner. 2019 , 46, 875-882	5
1541	Amphiphilic Acrylic Nanoparticles Containing the Poloxamer Star Bayfit' \square 10WF15 as Ophthalmic Drug Carriers. 2019 , 11,	4
1540	Development and validation of a new intraocular pressure estimate for patients with soft corneas. 2019 , 45, 1316-1323	12
1539	Microinvasive Glaucoma Surgeries and When to Use Them. 2019 , 4, 223-243	
1538	Dry Eye Symptoms and Ocular Pain in Veterans with Glaucoma. 2019 , 8,	7
1537	Ophthalmologic health status of an aging population-data from the Berlin Aging Study II (BASE-II). 2019 , 257, 1981-1988	2

1536	Age-Related Decline of Retinal Oxygen Extraction in Healthy Subjects. 2019 , 60, 3162-3169	16
1535	Discovery and Validation of Circulating Hsa-miR-210-3p as a Potential Biomarker for Primary Open-Angle Glaucoma. 2019 , 60, 2925-2934	10
1534	Medication adherence in patients with ocular hypertension or glaucoma. 2019 , 14, 199-210	8
1533	Effects of Fish n-3 PUFAs on Intestinal Microbiota and Immune System. 2019 , 17,	46
1532	Compressive mechanical properties of rat and pig optic nerve head. 2019 , 93, 204-208	4
1531	Relationship between ocular biometry and severity of primary angle-closure glaucoma: relevance for predictive, preventive, and personalized medicine. 2019 , 10, 261-271	7
1530	Prevalence, incidence, and risk factors of primary open-angle glaucoma - a cohort study based on longitudinal data from a German public health insurance. 2019 , 19, 851	35
1529	A Chronic Ocular-Hypertensive Rat Model induced by Injection of the Sclerosant Agent Polidocanol in the Aqueous Humor Outflow Pathway. 2019 , 20,	4
1528	Glaucoma screening pipeline based on clinical measurements and hidden features. 2019 , 13, 2213-2223	5
1527	Silencing of GAS5 Alleviates Glaucoma in Rat Models by Reducing Retinal Ganglion Cell Apoptosis. 2019 , 30, 1505-1519	15
1526	Role of 24-Hour Intraocular Pressure Monitoring in Glaucoma Management. 2019 , 2019, 3632197	5
1525	Mobility-Related Gaze Training in Individuals With Glaucoma: A Proof-of-Concept Study. 2019 , 8, 23	1
1524	Automated detection of glaucoma using optical coherence tomography angiogram images. 2019 , 115, 103483	7
1523	Remote Grading of the Anterior Chamber Angle Using Goniophotographs and Optical Coherence Tomography: Implications for Telemedicine or Virtual Clinics. 2019 , 8, 16	10
1522	Ophthalmic Medical Image Analysis. 2019 ,	
1521	Distribution and Determinants of Peripapillary Retinal Nerve Fiber Layer Thickness and Its Association with Sleep Quality in Chinese Teenagers. 2019 , 2019, 6510203	
1520	The Relationship Between Scleral Strain Change and Differential Cumulative Intraocular Pressure Exposure in the Nonhuman Primate Chronic Ocular Hypertension Model. 2019 , 60, 4141-4150	7
1519	Peripapillary retinal artery in first diagnosed and untreated normal tension glaucoma. 2019 , 19, 203	2

1518	Automatic segmentation of optic disc and cup for CDR calculation. 2019 , 15, 381-385	0
1517	Glaucoma detection using image processing techniques: A literature review. 2019 , 78, 101657	18
1516	Efficacy of Ahmed Glaucoma Valve Implantation on Neovascular Glaucoma. 2019 , 16, 1371-1376	11
1515	Hydrus microstent implantation for surgical management of glaucoma: a review of design, efficacy and safety. 2019 , 6, 32	12
1514	Identification of a novel variant in a Hispanic family with early-onset primary open-angle glaucoma with elevated intraocular pressure. 2019 , 5,	3
1513	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. 2019 , 322, 1682-1691	31
1512	Eye-Hand Coordination Impairment in Glaucoma Patients. 2019 , 16,	4
1511	A subacute model of glaucoma based on limbal plexus cautery in pigmented rats. 2019 , 9, 16286	2
1510	A Novel Segmentation Method for Optic Disc and Optic Cup Based on Deformable U-net. 2019 ,	0
1509	Resting-state functional magnetic resonance study of primary open-angle glaucoma based on voxelwise brain network degree centrality. 2019 , 712, 134500	9
1508	Lowered Decorin With Aberrant Extracellular Matrix Remodeling in Aqueous Humor and Tenon's Tissue From Primary Glaucoma Patients. 2019 , 60, 4661-4669	7
1507	Nitrosative Stress in Retinal Pathologies: Review. 2019 , 8,	19
1506	8 hrs Safety Evaluation Of A Multi-Pressure Dial In Eyes With Glaucoma: Prospective, Open-Label, Randomized Study. 2019 , 13, 1947-1953	7
1505	The Effect of an Innovative Vision Simulator (OrCam) on Quality of Life in Patients with Glaucoma. 2019 , 113, 332-340	2
1504	Promising Approach in the Treatment of Glaucoma Using Nanotechnology and Nanomedicine-Based Systems. 2019 , 24,	13
1503	Targeted Drug Delivery Systems for the Treatment of Glaucoma: Most Advanced Systems Review. 2019 , 11,	4
1502	Retinal Layer Segmentation in Optical Coherence Tomography Images. 2019 , 7, 152388-152398	6
1501	Human Umbilical Cord Mesenchymal Stem Cells Attenuate Ocular Hypertension-Induced Retinal Neuroinflammation via Toll-Like Receptor 4 Pathway. 2019 , 2019, 9274585	9

1500	Mixed Maximum Loss Design for Optic Disc and Optic Cup Segmentation with Deep Learning from Imbalanced Samples. 2019 , 19,	5
1499	Co-Delivery of Timolol and Brimonidine with a Polymer Thin-Film Intraocular Device. 2019 , 35, 124-131	5
1498	Quantum Dots in Ophthalmology: A Literature Review. 2019 , 44, 1037-1046	3
1497	Multi-Omics Approach for Studying Tears in Treatment-Naïve Glaucoma Patients. 2019 , 20,	30
1496	Assessing driving risk in patients with glaucoma. 2019 , 82, 245-252	
1495	One-Year Comparative Evaluation of iStent or iStent inject Implantation Combined with Cataract Surgery in a Single Center. 2019 , 36, 2797-2810	20
1494	The prevalence and determinants of glaucoma among 40 years and older Saudi residents in the Riyadh Governorate (except the Capital) - A community based survey. 2019 , 33, 332-337	11
1493	The Association of an Upper Extremity Functional Survey and Glaucoma Medication Administration Success. 2019 , 44, 1150-1156	
1492	Introduction of New Associate Editors. 2019 , 29, 603-609	
1491	Toward Better Health Outcomes in Rural and Under-served Areas: L. V. Prasad Eye Institute's Diagonal Model of Glaucoma Care. 2019 , 26, 420-429	2
1490	Dose-dependent effects of NMDA on retinal and optic nerve morphology in rats. 2019 , 12, 746-753	11
1489	Deep Learning Classifiers for Automated Detection of Gonioscopic Angle Closure Based on Anterior Segment OCT Images. 2019 , 208, 273-280	43
1488	Adrenergic agonists and antagonists as antiglaucoma agents: a literature and patent review (2013-2019). 2019 , 29, 805-815	13
1487	Efficacy and safety of netarsudil 0.02% ophthalmic solution in patients with open-angle glaucoma and ocular hypertension. 2019 , 14, 191-197	1
1486	Fully automated method for glaucoma screening using robust optic nerve head detection and unsupervised segmentation based cup-to-disc ratio computation in retinal fundus images. 2019 , 77, 101643	16
1485	Fixel-Based Analysis of Visual Pathway White Matter in Primary Open-Angle Glaucoma. 2019 , 60, 3803-3812	12
1484	Development and Validation of a Deep Learning System to Detect Glaucomatous Optic Neuropathy Using Fundus Photographs. 2019 , 137, 1353-1360	97
1483	One-Year Outcomes of Second-Generation Trabecular Micro-Bypass Stents (iStent Inject) Implantation with Cataract Surgery in Different Glaucoma Subtypes and Severities. 2019 , 8, 563-575	25

1482	Central corneal thickness and intraocular pressure in patients of primary open angle glaucoma and normal population in Nepalese population: A hospital based study. 2019 , 11, 46-54		1
1481	High-Resolution, Adaptive Optics Imaging of the Human Trabecular Meshwork In Vivo. 2019 , 8, 5		5
1480	Update on the genetics of primary open-angle glaucoma. 2019 , 188, 107795		35
1479	GluDB: A glaucoma associated gene database. 2019 , 16, 1590-1595		
1478	Diagnostic markers for glaucoma: a patent and literature review (2013-2019). 2019 , 29, 829-839		11
1477	OCT and IOP findings in a healthy worker cohort: results from a teleophthalmic study in occupational medicine. 2019 , 257, 2571-2578		7
1476	The management of glaucoma and macular degeneration. 2019 , 29, 745-747		23
1475	Effects of TAK-639, a novel topical C-type natriuretic peptide analog, on intraocular pressure and aqueous humor dynamics in mice. 2019 , 188, 107763		5
1474	Rho-kinase inhibitors in the management of glaucoma. 2019 , 29, 817-827		19
1473	Management Of Glaucoma In Developing Countries: Challenges And Opportunities For Improvement. 2019 , 11, 591-604		6
1472	Deep Learning and Glaucoma Specialists: The Relative Importance of Optic Disc Features to Predict Glaucoma Referral in Fundus Photographs. <i>Ophthalmology</i> , 2019 , 126, 1627-1639	7-3	67
1471	A small peptide antagonist of the Fas receptor inhibits neuroinflammation and prevents axon degeneration and retinal ganglion cell death in an inducible mouse model of glaucoma. 2019 , 16, 184		36
1470	Micro-invasive glaucoma surgery - an interventional glaucoma revolution. 2019 , 6, 29		28
1469	Parafoveal vessel changes in primary open-angle glaucoma and normal-tension glaucoma using optical coherence tomography angiography. 2019 , 13, 1935-1945		2
1468	Widespread brain reorganization perturbs visuomotor coordination in early glaucoma. 2019 , 9, 14168		15
1467	Latanoprost, a balanced prostaglandin. 2019 , 14, 61-72		1
1466	Glaucoma Gel Implant Learning Curve in a Teaching Tertiary Hospital. 2019 , 28, 56-60		9
1465	Inhibition of monocyte-like cell extravasation protects from neurodegeneration in DBA/2J glaucoma. 2019 , 14, 6		28

1464	Neuroprotective and neuroregenerative effects of CRMP-5 on retinal ganglion cells in an experimental in vivo and in vitro model of glaucoma. 2019 , 14, e0207190	6
1463	Glaucomagenesis following ionizing radiation exposure. 2019 , 779, 36-44	12
1462	Progressive retinal ganglion cell loss in primary open-angle glaucoma is associated with temperature circadian rhythm phase delay and compromised sleep. 2019 , 36, 564-577	13
1461	XEN Gel Stent for management of chronic open angle glaucoma: A review of the literature. 2019 , 42, e37-e46	20
1460	Potential metabolic markers in glaucoma and their regulation in response to hypoxia. 2019 , 97, 567-576	13
1459	Accurate, fast, data efficient and interpretable glaucoma diagnosis with automated spatial analysis of the whole cup to disc profile. 2019 , 14, e0209409	16
1458	Comparison of glaucoma patients referred by glaucoma screening versus referral from primary eye clinic. 2019 , 14, e0210582	8
1457	The Effect of Gender on Visual Field Sensitivity: The Singapore Chinese Eye Study. 2019 , 26, 183-188	
1456	Non-physician grader reliability in measuring morphological features of the optic nerve head in stereo digital images. 2019 , 33, 838-844	4
1455	Cost-effectiveness analysis of standalone trabecular micro-bypass stents in patients with mild-to-moderate open-angle glaucoma in Canada. 2019 , 22, 390-401	22
1454	Second-Generation Trabecular Micro-Bypass Stents as Standalone Treatment for Glaucoma: A 36-Month Prospective Study. 2019 , 36, 1606-1617	28
1453	Outcome of phacoemulsification combined with excisional goniotomy using the Kahook Dual Blade in severe glaucoma patients at 6 months. 2019 , 13, 715-721	18
1452	Comparison of clinical effects of two latanoprost 0.005% solutions (Xalatan and Arulatan) in primary open-angle glaucoma or ocular hypertensive patients: a randomized clinical trial. 2019 , 13, 679-684	
1451	A spatial-aware joint optic disc and cup segmentation method. 2019 , 359, 285-297	19
1450	Awareness of ocular diagnosis, transportation means, and barriers to ophthalmology follow-up in the Philadelphia Telemedicine Glaucoma Detection and Follow-up Study. 2019 , 58, 651-664	5
1449	Association between radiation, glaucoma subtype, and retinal vessel diameter in atomic bomb survivors. 2019 , 9, 8642	11
1448	Tetramethylpyrazine protects retinal ganglion cells against H ₂ O ₂ -induced damage via the microRNA-182/mitochondrial pathway. 2019 , 44, 503-512	16
1447	Computer Vision @ACCV 2018 Workshops. 2019 ,	3

1446	Association between Platelet Parameters and Glaucoma Severity in Primary Open-Angle Glaucoma. 2019 , 2019, 3425023	7
1445	Changes in vessel density of the patients with narrow anterior chamber after an acute intraocular pressure elevation observed by OCT angiography. 2019 , 19, 132	10
1444	Generative Adversarial Networks (GANs) for Retinal Fundus Image Synthesis. 2019 , 289-302	3
1443	Heritability of glaucoma and glaucoma-related endophenotypes: Systematic review and meta-analysis. 2019 , 64, 835-851	17
1442	Nitric oxide: a drug target for glaucoma revisited. 2019 , 24, 1614-1620	13
1441	Pharmacodynamic Evaluation: Ocular Pharmacology. 2019 , 1-46	2
1440	Exploring optimized methoxy poly(ethylene glycol)-block-poly(ϵ -caprolactone) crystalline cored micelles in anti-glaucoma pharmacotherapy. 2019 , 566, 573-584	22
1439	Microfluidic contact lenses for unpowered, continuous and non-invasive intraocular pressure monitoring. 2019 , 295, 177-187	25
1438	Tackling the NHS glaucoma clinic backlog issue. 2019 , 33, 1715-1721	8
1437	Rho-Associated Kinase Inhibitors: Evolving Strategies in Glaucoma Treatment. 2019 , 79, 1031-1036	26
1436	Association of TNF- β gene alterations (c.-238G>A, c.-308G>A, c.-857C>T, c.-863C>A) with primary glaucoma in north Indian cohort. 2019 , 709, 25-35	2
1435	Machine Learning in the Detection of the Glaucomatous Disc and Visual Field. 2019 , 34, 232-242	2
1434	Glaucoma at the Center of the Earth. 2019 , 4, 211-222	
1433	Integrating opportunistic glaucoma screening into general health examinations in China: A pilot study. 2019 , 47, 1000-1008	6
1432	Osmoprotectants in Hybrid Liposome/HPMC Systems as Potential Glaucoma Treatment. 2019 , 11,	10
1431	Optic Disc and Cup Segmentation Based on Deep Learning. 2019 ,	4
1430	Acute intraocular pressure changes during isometric exercise and recovery: The influence of exercise type and intensity, and participant's sex. 2019 , 37, 2213-2219	9
1429	Visual Field Prediction using Recurrent Neural Network. 2019 , 9, 8385	18

1428	Comparison of Minimally Invasive XEN45 Gel Stent Implantation in Glaucoma Patients Without and With Prior Interventional Therapies. 2019 , 8, 447-459	5
1427	Neuroprotection in glaucoma: old concepts, new ideas. 2019 , 14, 101-113	9
1426	Cost-effectiveness and cost-utility of population-based glaucoma screening in China: a decision-analytic Markov model. 2019 , 7, e968-e978	25
1425	Modeling the Mechanical Parameters of Glaucoma. 2019 , 25, 412-428	2
1424	The future of canine glaucoma therapy. 2019 , 22, 726-740	25
1423	Hydrogel-based ocular drug delivery systems: Emerging fabrication strategies, applications, and bench-to-bedside manufacturing considerations. 2019 , 306, 29-39	47
1422	Vitreomacular Interface Abnormalities and Glaucoma in an Elderly Population (The MONTRACHET Study). 2019 , 60, 1996-2002	5
1421	Dietary Antioxidants, Macular Pigment, and Glaucomatous Neurodegeneration: A Review of the Evidence. 2019 , 11,	11
1420	[Ophthalmology 2019-where do we stand? : An analysis of the treatment situation in Germany]. 2019 , 116, 829-837	4
1419	Co-delivery of latanoprost and timolol from micelles-laden contact lenses for the treatment of glaucoma. 2019 , 305, 18-28	34
1418	Optimum time for angle visualization during ab interno glaucoma surgery: Before or after phacoemulsification. 2019 , 45, 615-619	0
1417	Development of a Spherical Model with a 3D Microchannel: An Application to Glaucoma Surgery. 2019 , 10,	1
1416	High hydrostatic pressure induces apoptosis of retinal ganglion cells via regulation of the NGF signalling pathway. 2019 , 19, 5321-5334	10
1415	Glaucoma Drainage Devices. 2019 ,	
1414	Patterns and Risk Factor Profiles of Visual Loss in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. 2019 , 206, 48-73	15
1413	Bimatoprost loaded nanovesicular long-acting sub-conjunctival in-situ gelling implant: In vitro and in vivo evaluation. 2019 , 103, 109730	9
1412	Real-world assessment of topical glaucoma medication persistence rates based on national pharmaceutical claim data in a defined population. 2019 , 47, 881-891	2
1411	Short-Term Safety Evaluation of a Multi-Pressure Dial: A Prospective, Open-label, Non-randomized Study. 2019 , 8, 279-287	11

1410	Twelve-Year Incidence and Baseline Risk Factors for Pseudoexfoliation: The Thessaloniki Eye Study (An American Ophthalmological Society Thesis). 2019 , 206, 192-214	10
1409	Zinc oxide nanoparticles ameliorate collagen lattice contraction in human tenon fibroblasts. 2019 , 669, 1-10	7
1408	Comparison of cytokine/chemokine levels in aqueous humor of primary open-angle glaucoma patients with positive or negative outcome following trabeculectomy. 2019 , 39,	10
1407	Association between glaucoma and the risk of Alzheimer's disease: A systematic review of observational studies. 2019 , 97, 665-671	16
1406	Glucose Tolerance Levels and Circumpapillary Retinal Nerve Fiber Layer Thickness in a General Japanese Population: The Hisayama Study. 2019 , 205, 140-146	5
1405	Changes in ocular signs and symptoms in patients switching from bimatoprost-timolol to tafluprost-timolol eye drops: an open-label phase IV study. 2019 , 9, e024129	16
1404	PACAP Attenuates Optic Nerve Crush-Induced Retinal Ganglion Cell Apoptosis Via Activation of the CREB-Bcl-2 Pathway. 2019 , 68, 475-484	24
1403	Detection of Proteins Associated with Extracellular Matrix Regulation in the Aqueous Humour of Patients with Primary Glaucoma. 2019 , 44, 1018-1025	5
1402	Novel Drug Delivery Systems for the Treatment of Glaucoma. 2019 , 7, 143-149	5
1401	Vision-related quality of life and symptom perception change over time in newly-diagnosed primary open angle glaucoma patients. 2019 , 9, 6735	6
1400	Glaucoma in myopia: diagnostic dilemmas. 2019 , 103, 1347-1355	37
1399	The Role of Statins and Cholesterol in the Primary Prevention of Primary Open-Angle Glaucoma. 2019 , 137, 765-766	1
1398	Mapping mRNA Expression of Glaucoma Genes in the Healthy Mouse Eye. 2019 , 44, 1006-1017	2
1397	Deep learning in ophthalmology: The technical and clinical considerations. 2019 , 72, 100759	163
1396	A review on recent advancements in ophthalmology devices: Currently in market and under clinical trials. 2019 , 52, 334-345	7
1395	Using Healthcare Databases to Refine Understanding of Exploratory Associations Between Drugs and Progression of Open-Angle Glaucoma. 2019 , 106, 874-883	6
1394	Combination of Enhanced Depth Imaging Optical Coherence Tomography and Fundus Images for Glaucoma Screening. 2019 , 43, 163	4
1393	Investigating the Immediate and Cumulative Effects of Isometric Squat Exercise for Different Weight Loads on Intraocular Pressure: A Pilot Study. 2019 , 11, 247-253	14

1392	Comparison of two prototypes of a magnetically adjustable glaucoma implant in rabbits. 2019 , 14, e0215316	2
1391	Trans-lamina Cribrosa Pressure Difference Activates Mechanical Stress Signal Transduction to Induce Glaucomatous Optic Neuropathy: A Hypothesis. 2019 , 179-183	
1390	Comparison of head-mounted perimeter (imo) and Humphrey Field Analyzer. 2019 , 13, 501-513	15
1389	A finite element study of posterior eye biomechanics: The influence of intraocular and cerebrospinal pressure on the optic nerve head, peripapillary region, subarachnoid space and meninges. 2019 , 15, 100185	0
1388	Polygenic Risk Score Is Associated With Intraocular Pressure and Improves Glaucoma Prediction in the UK Biobank Cohort. 2019 , 8, 10	16
1387	Hyperlipidemia, Blood Lipid Level, and the Risk of Glaucoma: A Meta-Analysis. 2019 , 60, 1028-1043	23
1386	Sequence variation at ANAPC1 accounts for 24% of the variability in corneal endothelial cell density. 2019 , 10, 1284	13
1385	Sex-Specific Effect of BDNF Val66Met Genotypes on the Progression of Open-Angle Glaucoma. 2019 , 60, 1069-1075	4
1384	The cost-effectiveness of medication, laser trabeculoplasty, and trabeculectomy for treatment of open-angle glaucoma in South Korea. 2019 , 98, e14026	5
1383	Causative glaucoma treatment: promising targets and delivery systems. 2019 , 24, 1606-1613	14
1382	The association of toll-like receptor 4 gene polymorphisms with primary open angle glaucoma susceptibility: a meta-analysis. 2019 , 39,	2
1381	SNP located in an repeat downstream of rs4657473, is protective for POAG in African Americans. 2019 , 103, 1530-1536	5
1380	Association between Pretreatment Serum Uric Acid Levels and Progression of Newly Diagnosed Primary Angle-Closure Glaucoma: A Prospective Cohort Study. 2019 , 2019, 7919836	5
1379	A Deep Learning System for Automated Angle-Closure Detection in Anterior Segment Optical Coherence Tomography Images. 2019 , 203, 37-45	60
1378	Influence of Central Corneal Thickness (CCT) on the Intraocular Pressure (IOP) Measurements Taken From Goldmann Applanation Tonometer, Tonopen, and Airpuff Tonometer.. 2019 , 3, 532-536	1
1377	miR-17-5p regulates the proliferation and apoptosis of human trabecular meshwork cells by targeting phosphatase and tensin homolog. 2019 , 19, 3132-3138	13
1376	[Microinvasive glaucoma surgery-Efficacy of trabecular stents in combined interventions : A´ clinical study on 65´ eyes]. 2019 , 116, 771-779	6
1375	Mitochondrial Uncoupling Protein 2 Knock-out Promotes Mitophagy to Decrease Retinal Ganglion Cell Death in a Mouse Model of Glaucoma. 2019 , 39, 3582-3596	18

1374	Comparing the efficacy of trabeculectomy and diode laser cyclophotocoagulation in primary open-angle glaucoma. 2019 , 39, 2485-2496	5
1373	Caveolin-1 regulates human trabecular meshwork cell adhesion, endocytosis, and autophagy. 2019 , 120, 13382-13391	8
1372	Novel inflammatory cytokines (IL-36, 37, 38) in the aqueous humor from patients with chronic primary angle closure glaucoma. 2019 , 71, 164-168	13
1371	Laser peripheral iridotomy for the prevention of angle closure: a single-centre, randomised controlled trial. 2019 , 393, 1609-1618	79
1370	Case Series of Combined iStent Implantation and Phacoemulsification in Eyes with Primary Angle Closure Disease: One-Year Outcomes. 2019 , 36, 976-986	11
1369	Once-Daily Netarsudil Versus Twice-Daily Timolol in Patients With Elevated Intraocular Pressure: The Randomized Phase 3 ROCKET-4 Study. 2019 , 204, 97-104	44
1368	Long-term effectiveness and safety of trabecular microbypass stent implantation with cataract surgery in patients with glaucoma or ocular hypertension: Five-year outcomes. 2019 , 45, 312-320	21
1367	Micropulse Transscleral Cyclophotocoagulation: A Look at Long-Term Effectiveness and Outcomes. 2019 , 2, 167-171	27
1366	Twenty-Four-Hour Contact Lens Sensor Monitoring of Aqueous Humor Dynamics in Surgically or Medically Treated Glaucoma Patients. 2019 , 2019, 9890831	13
1365	Glaucoma and Blood Pressure. 2019 , 73, 944-950	11
1364	Comparative analysis of cytokine profiles of glaucomatous tears and aqueous humour reveals potential biomarkers for trabeculectomy complications. 2019 , 9, 1020-1028	13
1363	Eye Movement Perimetry and Frequency Doubling Perimetry: clinical performance and patient preference during glaucoma screening. 2019 , 257, 1277-1287	4
1362	Analysis of hybrid statistical textural and intensity features to discriminate retinal abnormalities through classifiers. 2019 , 233, 506-514	2
1361	Prospective, Randomized, Controlled Pivotal Trial of an Ab Interno Implanted Trabecular Micro-Bypass in Primary Open-Angle Glaucoma and Cataract: Two-Year Results. <i>Ophthalmology</i> , 2019 , 126, 811-821	7.3 98
1360	Natural cholinesterase inhibitors from marine organisms. 2019 , 36, 1053-1092	34
1359	Intraocular and Intracranial Pressure Gradient in Glaucoma. 2019 ,	2
1358	Investigating the neuroprotective effect of Copolymer-1 in acute primary angle closure - Interim report of a randomized placebo-controlled double-masked clinical trial. 2019 , 97, e827-e832	2
1357	Intra-Scleral Ciliary Sulcus Suprachoroidal Microtube: Making Supraciliary Glaucoma Surgery Affordable. 2019 , 111, 427-435	4

1356	Comparison of Endothelial Keratoplasty Techniques in Patients With Prior Glaucoma Surgery: A Case-Matched Study. 2019 , 206, 94-101	13
1355	The M muscarinic acetylcholine receptor subtype is important for retinal neuron survival in aging mice. 2019 , 9, 5222	9
1354	Possible Undiagnosed Glaucoma Detected by MultiColor Imaging of Retinal Diseases. 2019 , 2, 22-27	1
1353	Optical coherence tomography analysis of filtering blebs after long-term, functioning trabeculectomy and XEN [®] stent implant. 2019 , 257, 1005-1011	24
1352	Impact of a Social Worker in a Glaucoma Eye Care Service: A Prospective Study. 2019 , 44, 48-56	5
1351	Unsupervised feature extraction of anterior chamber OCT images for ordering and classification. 2019 , 9, 1157	8
1350	Epidemiological variations and trends in health burden of glaucoma worldwide. 2019 , 97, e349-e355	33
1349	Tie2 activation promotes choriocapillary regeneration for alleviating neovascular age-related macular degeneration. 2019 , 5, eaau6732	21
1348	Mucoadhesive olaminosomes: A novel prolonged release nanocarrier of agomelatine for the treatment of ocular hypertension. 2019 , 560, 235-245	19
1347	Racioethnic differences in the biomechanical response of the lamina cribrosa. 2019 , 88, 131-140	13
1346	The EX-PRESS glaucoma shunt versus nonpenetrating deep sclerectomy with ESNOPER implant in combined surgery for open-angle glaucoma: a prospective randomized study. 2019 , 97, e952-e961	2
1345	A Highly Selective Rho-Kinase Inhibitor (ITRI-E-212) Potentially Treats Glaucoma Upon Topical Administration With Low Incidence of Ocular Hyperemia. 2019 , 60, 624-633	10
1344	Health Benefits of Polyphenols and Carotenoids in Age-Related Eye Diseases. 2019 , 2019, 9783429	83
1343	A forecasting model of disease prevalence based on the McKendrick-von Foerster equation. 2019 , 311, 31-38	4
1342	The Association of Oxidative Stress Status with Open-Angle Glaucoma and Exfoliation Glaucoma: A Systematic Review and Meta-Analysis. 2019 , 2019, 1803619	14
1341	Glaucoma in the Elderly. 2019 , 27-38	
1340	Philadelphia Telemedicine Glaucoma Detection and Follow-up Study: confirmation between eye screening and comprehensive eye examination diagnoses. 2019 , 103, 1820-1826	6
1339	Long-term follow-up of intraocular pressure and pressure-lowering medication in patients after ab-interno trabeculectomy with the Trabectome. 2019 , 257, 997-1003	16

1338	A systematic review of the methodological quality of economic studies evaluating ophthalmic drugs. 2019 , 19, 421-430	4
1337	Relationship of lifestyle, exercise, and nutrition with glaucoma. 2019 , 30, 82-88	20
1336	Autoantibody Biomarker Discovery in Primary Open Angle Glaucoma Using Serological Proteome Analysis (SERPA). 2019 , 10, 381	22
1335	Sex Hormones and Optic Nerve Disorders: A Review. 2019 , 13, 57	26
1334	A spatially varying change points model for monitoring glaucoma progression using visual field data. 2019 , 30, 1-26	2
1333	Glaucoma care in Nigeria: Is the current practice poised to tackle this emerging sight-threatening disease?. 2019 , 39, 2385-2390	3
1332	Feeling the pressure: a cross-sectional study exploring feasibility of a healthcare Pop-Up for intraocular pressure measurements in shopping centres in England. 2019 , 9, e030523	1
1331	Impact of the Manchester Glaucoma Enhanced Referral Scheme on NHS costs. 2019 , 4, e000278	4
1330	Evaluation of Retinal Nerve Fiber Layer and Inner Macular Layers in Primary Open-Angle Glaucoma with Spectral-Domain Optical Coherence Tomography. 2019 ,	1
1329	Microbial dysbiosis and microbiota-gut-retina axis: The lesson from brain neurodegenerative diseases to primary open-angle glaucoma pathogenesis of autoimmunity. 2019 , 66, 541-558	8
1328	Predicting artificial visual field losses: A gaze-based inference study. 2019 , 19, 22	11
1327	Modeling the Pharmacotherapy Cost and Outcomes of Primary Open-Angle Glaucoma With Dry Eye. 2019 , 7, 363	4
1326	CUSHING DISEASE MASQUERADING AS GLAUCOMA. 2019 , 5, e290-e293	0
1325	Factors Associated with Interventions after Laser Peripheral Iridotomy for Primary Angle-Closure Spectrum Diagnoses. 2019 , 2, 192-200	0
1324	Iridoplasty for plateau iris syndrome: a systematic review. 2019 , 4, e000340	2
1323	Glaucoma-Associated Visual Task Performance and Vision-Related Quality of Life in South India. 2019 , 2, 357-363	2
1322	Development of a Nanofabricated Sensor for Monitoring Intraocular Pressure via Ocular Tissue Strain. 2019 , 2019, 4363-4367	
1321	Multiscale Vascular Enhancement Filter Applied to In Vivo Morphologic and Functional Photoacoustic Imaging of Rat Ocular Vasculature. 2019 , 11, 1-12	6

1320	Extrusion as a manufacturing process for polymer micro-tubes for various bio-medical applications. 2019 , 5, 489-491	0
1319	Deep Multi-Task Learning for Interpretable Glaucoma Detection. 2019 ,	2
1318	[XEN Gel Stent for management of chronic open angle glaucoma: A review of the literature (French translation of the article)]. 2019 , 42, 391-403	1
1317	Combined phacoemulsification-viscosynechialysis-trabeculotomy vs phacotrabeculectomy in uncontrolled primary angle-closure glaucoma with cataract. 2019 , 45, 1738-1745	4
1316	Serum levels of thyroid hormone, vitamin D, vitamin B12, folic acid, C-reactive protein, and hemoglobin in Pseudoexfoliation and primary open angle Glaucoma. 2019 , 42, 730-738	2
1315	Results From the First Teleglaucoma Pilot Project in Addis Ababa, Ethiopia. 2019 , 28, 701-707	7
1314	Evaluation of a Deep Learning System For Identifying Glaucomatous Optic Neuropathy Based on Color Fundus Photographs. 2019 , 28, 1029-1034	14
1313	Early Results of Goniotomy with the Kahook Dual Blade, a Novel Device for the Treatment of Glaucoma. 2019 , 13, 2369-2376	15
1312	Attaining Intraocular Pressure of ≤ 10 mm Hg: Comparison of Tube and Trabeculectomy Surgery in Pseudophakic Primary Glaucoma Eyes. 2019 , 8, 489-500	2
1311	Recurrent Exposure of XEN Gel Stent Implant and Conjunctival Erosion. 2019 , 28, e37-e40	11
1310	Opto-magnetic capture of individual cells based on visual phenotypes. 2019 , 8,	6
1309	Posttreatment Intervention With Lycium Barbarum Polysaccharides is Neuroprotective in a Rat Model of Chronic Ocular Hypertension. 2019 , 60, 4606-4618	12
1308	Endoscopic cyclophotocoagulation (ECP) for open angle glaucoma and primary angle closure. 2019 , 2, CD012741	12
1307	Dendritic Effects of Injectable Biodegradable Thermogels on Pharmacotherapy of Inflammatory Glaucoma-Associated Degradation of Extracellular Matrix. 2019 , 8, e1900702	15
1306	Time trends and heterogeneity in the disease burden of glaucoma, 1990-2017: a global analysis. 2019 , 9, 020436	7
1305	The Relationship Between Ambient Atmospheric Fine Particulate Matter (PM2.5) and Glaucoma in a Large Community Cohort. 2019 , 60, 4915-4923	27
1304	Antiglaucoma medication utilization and therapeutic outcome among Nigerian older persons with primary open angle glaucoma. 2019 , 19, 141-147	1
1303	Cyclodestructive procedures for refractory glaucoma. 2019 , 3, CD012223	12

1302	Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. 2019 , 2, 435	10
1301	Automated glaucoma detection using quasi-bivariate variational mode decomposition from fundus images. 2019 , 13, 2401-2408	24
1300	Apolipoprotein E Deficiency Causes Endothelial Dysfunction in the Mouse Retina. 2019 , 2019, 5181429	10
1299	A Reversible Silicon Oil-Induced Ocular Hypertension Model in Mice. 2019 ,	5
1298	Postoperative Complications of Ab Interno Gelatin Microstent. 2019 , 28, e77-e81	4
1297	Longitudinal Analysis of Bruch Membrane Opening Morphometry in Myopic Glaucoma. 2019 , 28, 889-895	1
1296	Mitomycin C-augmented Phacotrabeculectomy Versus Phacoemulsification in Primary Angle-closure Glaucoma: A Randomized Controlled Study. 2019 , 28, 911-915	14
1295	Postoperative Acute Angle-Closure Glaucoma: A Rare but Serious Complication: A Case Report. 2019 , 12, 385-387	1
1294	An Update on Microinvasive Glaucoma Surgery Concurrent With Cataract Extraction. 2019 , 7, 224-232	1
1293	Benefits of SubCyclo Laser Therapy Guided by High-frequency Ultrasound Biomicroscopy in Patients With Refractory Glaucoma. 2019 , 28, 535-539	4
1292	Efficacy of travoprost for the treatment of patients with glaucoma. 2019 , 98, e16526	3
1291	Diagnostic Capability of 3D Peripapillary Retinal Volume for Glaucoma Using Optical Coherence Tomography Customized Software. 2019 , 28, 708-717	4
1290	Optical Coherence Tomography Angiography of Optic Disc in Eyes With Primary Open-angle Glaucoma and Normal-tension Glaucoma. 2019 , 28, 243-251	9
1289	The Cost and Economics of Endoscopic Cyclophotocoagulation in the United Kingdom: A Tertiary Center Experience. 2019 , 28, 563-567	4
1288	West Indies Glaucoma Laser Study (WIGLS) 3. Anterior Chamber Inflammation Following Selective Laser Trabeculoplasty in Afro-Caribbeans with Open-angle Glaucoma. 2019 , 28, 622-625	5
1287	Smartphone-based Gonio-Imaging: A Novel Addition to Glaucoma Screening Tools. 2019 , 28, e149-e150	8
1286	The treatment of a hypertrophic bleb after XEN gel implantation with the "Drainage Channel with sutures" method: a case report. 2019 , 19, 245	5
1285	The Rationale for Selective Laser Trabeculoplasty in Africa. 2018 , 7, 387-393	5

1284	New Technologies for Glaucoma Detection. 2018 , 7, 394-404	1
1283	The Current Status of Glaucoma and Glaucoma Care in Sub-Saharan Africa. 2018 , 7, 375-386	11
1282	Comparison of Icare Rebound Tonometer and Perkins Applanation Tonometer in Community Eye Screening. 2019 , 8, 229-232	5
1281	Can Artificial Intelligence Make Screening Faster, More Accurate, and More Accessible?. 2018 , 7, 436-441	12
1280	Anterior Segment Optical Coherence Tomography: Applications for Clinical Care and Scientific Research. 2019 , 8,	11
1279	Central Corneal Thickness Variances Among Different Asian Ethnicities in Glaucoma and Nonglaucoma Patients. 2019 , 28, 223-230	5
1278	Vitreous Zonule and its Relation to Anterior Chamber Angle Characteristics in Primary Angle Closure. 2019 , 28, 1048-1053	1
1277	Efficacy and Safety of Trabeculectomy Versus Nonpenetrating Surgeries in Open-angle Glaucoma: A Meta-analysis. 2019 , 28, 823-833	15
1276	The Chinese Glaucoma Study Consortium for Patients With Glaucoma: Design, Rationale and Baseline Patient Characteristics. 2019 , 28, 974-978	6
1275	Glaucoma Patient Knowledge, Perceptions, and Predispositions for Telemedicine. 2019 , 28, 481-486	8
1274	Associations of nutrient intakes with glaucoma among Japanese Americans. 2019 , 98, e18314	5
1273	Phase 2, Randomized, Dose-finding Studies of Omidenepag Isopropyl, a Selective EP2 Agonist, in Patients With Primary Open-angle Glaucoma or Ocular Hypertension. 2019 , 28, 375-385	26
1272	Dyslipidemia, Dyslipidemia Treatment, and Open-angle Glaucoma in the Korean National Health and Nutrition Examination Survey. 2019 , 28, 550-556	7
1271	Efficacy and safety of prostaglandin analogues in primary open-angle glaucoma or ocular hypertension patients: A meta-analysis. 2019 , 98, e16597	19
1270	Automated Iris Segmentation from Anterior Segment OCT Images with Occludable Angles via Local Phase Tensor. 2019 , 2019, 4745-4749	4
1269	Midget retinal ganglion cell dendritic and mitochondrial degeneration is an early feature of human glaucoma. 2019 , 1, fcz035	19
1268	Screening Glaucoma With Red-free Fundus Photography Using Deep Learning Classifier and Polar Transformation. 2019 , 28, 258-264	8
1267	Improved discrimination between normal-tension and primary open-angle glaucoma with advanced vascular examinations - the Leuven Eye Study. 2019 , 97, e50-e56	14

1266	What Is the Amount of Visual Field Loss Associated With Disability in Glaucoma?. 2019 , 197, 45-52	4
1265	Increased bioavailability of cyclic guanylate monophosphate prevents retinal ganglion cell degeneration. 2019 , 121, 65-75	6
1264	Quantitative automated circumpapillary microvascular density measurements: a new angioOCT-based methodology. 2019 , 33, 320-326	12
1263	Prevalence of glaucoma in the Northern Finland Birth Cohort Eye Study. 2019 , 97, 200-207	11
1262	Reproducibility of minimum rim width and retinal nerve fibre layer thickness using the Anatomic Positioning System in glaucoma patients. 2019 , 54, 335-341	4
1261	Psychometric Properties of the Reduced Version of the Glaucoma Treatment Compliance Assessment Tool (GTCAT). 2019 , 26, 55-62	5
1260	Eight-Year Incidence of Open-Angle Glaucoma in the Tema Eye Survey. <i>Ophthalmology</i> , 2019 , 126, 372-380	14
1259	[Primary open-angle glaucoma]. 2019 , 40, 445-452	15
1258	Evaluation of the angle of the anterior chamber using ultrasound biomicroscopy, gonioscopy and a Van Herick examination. 2019 , 94, 114-118	
1257	Neuronal apoptosis, axon damage and synapse loss occur synchronously in acute ocular hypertension. 2019 , 180, 77-85	10
1256	Choroidal Microvascular Dropout in Primary Angle Closure Glaucoma. 2019 , 199, 184-192	15
1255	Diagnosing Glaucoma Progression with Visual Field Data Using a Spatiotemporal Boundary Detection Method. 2019 , 114, 1063-1074	3
1254	Potential contraindications to scleral lens wear. 2019 , 42, 92-103	18
1253	Effects of caffeine on intraocular pressure are subject to tolerance: a comparative study between low and high caffeine consumers. 2019 , 236, 811-819	16
1252	[Optical coherence tomography angiography: Value for glaucoma diagnostics]. 2019 , 116, 602-609	4
1251	All roads lead to glaucoma: Induced retinal injury cascades contribute to a common neurodegenerative outcome. 2019 , 183, 88-97	33
1250	Computer aided diagnosis of glaucoma using discrete and empirical wavelet transform from fundus images. 2019 , 13, 73-82	24
1249	Association of Long-term Ambient Black Carbon Exposure and Oxidative Stress Allelic Variants With Intraocular Pressure in Older Men. 2019 , 137, 129-137	19

1248	Brimonidine tartrate for the treatment of glaucoma. 2019 , 20, 115-122	20
1247	Dynamic Monitoring and Control of Irreversible Chronic Diseases with Application to Glaucoma. 2019 , 28, 1082-1107	6
1246	Bioprinting in ophthalmology: current advances and future pathways. 2019 , 25, 496-514	32
1245	Optical Coherence Tomography Angiography of Optic Disc and Macula Vessel Density in Glaucoma and Healthy Eyes. 2019 , 28, 80-87	34
1244	Automatic Determination of Vertical Cup-to-Disc Ratio in Retinal Fundus Images for Glaucoma Screening. 2019 , 7, 8527-8541	11
1243	Utility of CLOCK CHART binocular edition for self-checking the binocular visual field in patients with glaucoma. 2019 , 103, 1672-1676	1
1242	Latanoprostene bunod ophthalmic solution 0.024%: a new treatment option for open-angle glaucoma and ocular hypertension. 2019 , 102, 541-550	8
1241	Roles of Toll-Like Receptor 4 for Cellular Pathogenesis in Primary Open-Angle Glaucoma: A potential therapeutic strategy. 2019 , 52, 201-206	13
1240	Budget impact analysis of the XEN [®] gel stent implant for glaucoma treatment. 2019 , 14, 5-13	0
1239	Subcortical visual pathway may be a new way for early diagnosis of glaucoma. 2019 , 123, 47-49	5
1238	Evaluation of the angle of the anterior chamber using ultrasound biomicroscopy, gonioscopy and a Van Herick examination. 2019 , 94, 114-118	
1237	Gene therapy and the adeno-associated virus in the treatment of genetic and acquired ophthalmic diseases in humans: Trials, future directions and safety considerations. 2019 , 47, 521-536	24
1236	Macular versus nerve fibre layer versus optic nerve head imaging for diagnosing glaucoma at different stages of the disease: Multicenter Italian Glaucoma Imaging Study. 2019 , 97, e207-e215	14
1235	Artificial intelligence and deep learning in ophthalmology. 2019 , 103, 167-175	365
1234	Anterior chamber indices in a population-based study using the Pentacam. 2019 , 39, 2033-2040	8
1233	Antiapoptotic effect of taurine against NMDA-induced retinal excitotoxicity in rats. 2019 , 70, 62-71	17
1232	Nanotechnology-Ocular Devices for Glaucoma Treatment: A Literature Review. 2019 , 44, 111-117	7
1231	Objective ocular surface tolerance in patients with glaucoma treated with topical preserved or unpreserved prostaglandin analogues. 2019 , 29, 645-653	10

1230	Heterozygous Meg2 Ablation Causes Intraocular Pressure Elevation and Progressive Glaucomatous Neurodegeneration. 2019 , 56, 4322-4345	9
1229	Cranial Pair II: The Optic Nerves. 2019 , 302, 428-445	5
1228	Follow-up and adherence to glaucoma care by newly diagnosed glaucoma patients in enugu, nigeria. 2019 , 26, 140-146	5
1227	Intraocular pressure change after injection of intravitreal dexamethasone (Ozurdex) implant in Korean patients. 2019 , 103, 1380-1387	14
1226	Socioeconomic Status and Glaucoma: Associations in High Levels of Income and Education. 2019 , 44, 436-441	5
1225	Canaloplasty in the Treatment of Open-Angle Glaucoma: A Review of Patient Selection and Outcomes. 2019 , 36, 31-43	15
1224	Prevalence of Primary Glaucoma as Diagnosed by Study Optometrists of L. V. Prasad eye Institute - Glaucoma Epidemiology and Molecular Genetics Study. 2019 , 26, 150-154	6
1223	21st century glaucoma care. 2019 , 33, 254-260	37
1222	Retinal Ganglion Cell Replacement: Current Status and Challenges Ahead. 2019 , 248, 118-128	29
1221	Magnetic Resonance Spectroscopy Features of the Visual Pathways in Patients with Glaucoma. 2019 , 29, 615-621	5
1220	Registered blindness in Kuwait - 15 years of dynamic changes. 2019 , 26, 75-83	4
1219	Myocilin Gene Gln368Ter Variant Penetrance and Association With Glaucoma in Population-Based and Registry-Based Studies. 2019 , 137, 28-35	14
1218	Aqueous humor protein dysregulation in primary angle-closure glaucoma. 2019 , 39, 861-871	13
1217	[Autoimmunity and glaucoma]. 2019 , 116, 18-27	5
1216	Inter-relationship between ageing, body mass index, diabetes, systemic blood pressure and intraocular pressure in Asians: 6-year longitudinal study. 2019 , 103, 196-202	16
1215	Association of serum uric acid levels with primary open-angle glaucoma: a 5-year case-control study. 2019 , 97, e356-e363	11
1214	Prostaglandin FP receptor antagonists: discovery, pharmacological characterization and therapeutic utility. 2019 , 176, 1059-1078	19
1213	Assessment of Corneal Changes Associated with Topical Antiglaucoma Therapy Using in vivo Confocal Microscopy. 2019 , 61, 51-59	11

1212	Prevalence of glaucoma in the Australian National Eye Health Survey. 2019 , 103, 191-195	31
1211	Telemedicine in long-term care of glaucoma patients. 2020 , 26, 92-99	6
1210	Relationship between primary open angle glaucoma and blood pressure. 2020 , 75, 54-58	4
1209	Predictors of visual impairment in primary and secondary glaucoma in a tertiary institute in North India. 2020 , 30, 175-180	2
1208	Angle-Closure Detection in Anterior Segment OCT Based on Multilevel Deep Network. 2020 , 50, 3358-3366	25
1207	[MIGS-off-label option for treatment-refractory steroid-induced ocular hypertension]. 2020 , 117, 62-65	2
1206	Influence of the breathing pattern during resistance training on intraocular pressure. 2020 , 20, 157-165	10
1205	Internet of Things based multiple disease monitoring and health improvement system. 2020 , 11, 1021-1029	20
1204	A collaborative care pathway for patients with suspected angle closure glaucoma spectrum disease. 2020 , 103, 212-219	12
1203	Compensation of retinal nerve fibre layer thickness as assessed using optical coherence tomography based on anatomical confounders. 2020 , 104, 282-290	18
1202	Automated glaucoma detection using GIST and pyramid histogram of oriented gradients (PHOG) descriptors. 2020 , 137, 3-11	22
1201	Corneal biomechanics and biomechanically corrected intraocular pressure in primary open-angle glaucoma, ocular hypertension and controls. 2020 , 104, 121-126	42
1200	Evaluation of dynamic thiol-disulfide homeostasis in glaucoma patients and the correlation with retinal nerve fiber layer analysis. 2020 , 30, 690-699	5
1199	[Glaucoma Drainage Devices - Evaluation of Surgical Modifications to Avoid Postoperative Complications]. 2020 , 237, 1343-1352	0
1198	JointRCNN: A Region-Based Convolutional Neural Network for Optic Disc and Cup Segmentation. 2020 , 67, 335-343	39
1197	National Eye Survey of Trinidad and Tobago (NESTT): prevalence, causes and risk factors for presenting vision impairment in adults over 40 years. 2020 , 104, 74-80	6
1196	Severity of Visual Field Loss at First Presentation to Glaucoma Clinics in England and Tanzania. 2020 , 27, 10-18	4
1195	The impact of artificial intelligence in the diagnosis and management of glaucoma. 2020 , 34, 1-11	27

1194	Understanding diagnostic disagreement in angle closure assessment between anterior segment optical coherence tomography and gonioscopy. 2020 , 104, 795-799	16
1193	Selective laser trabeculoplasty versus topical medication as initial glaucoma treatment: the glaucoma initial treatment study randomised clinical trial. 2020 , 104, 813-821	9
1192	Inducible rodent models of glaucoma. 2020 , 75, 100799	27
1191	Transduction optimization of AAV vectors for human gene therapy of glaucoma and their reversed cell entry characteristics. 2020 , 27, 127-142	4
1190	Preservative-free preserved brimonidine %0.15 preparations in the treatment of glaucoma and ocular hypertension: short term evaluation of efficacy, safety, and potential advantages. 2020 , 39, 21-24	3
1189	A review of systemic medications that may modulate the risk of glaucoma. 2020 , 34, 12-28	17
1188	REFUGE´ Challenge: A unified framework for evaluating automated´ methods for glaucoma´ assessment from fundus photographs. 2020 , 59, 101570	147
1187	Toward Improving the Mobility of Patients with Peripheral Visual Field Defects with Novel Digital Spectacles. 2020 , 210, 136-145	6
1186	Prevalence and causes of vision loss in East Asia in 2015: magnitude, temporal trends and projections. 2020 , 104, 616-622	13
1185	Ophthalmic Research Lecture 2018: DARC as a Potential Surrogate Marker. 2020 , 63, 1-7	8
1184	Long-term outcome of low-cost glaucoma drainage device (Aurolab aqueous drainage implant) compared with Ahmed glaucoma valve. 2020 , 104, 557-562	13
1183	A Large-Scale Database and a CNN Model for Attention-Based Glaucoma Detection. 2020 , 39, 413-424	65
1182	A Wireless Handheld Pressure Measurement System for In Vivo Monitoring of Intraocular Pressure in Rabbits. 2020 , 67, 931-937	7
1181	Accurate prediction of glaucoma from colour fundus images with a convolutional neural network that relies on active and transfer learning. 2020 , 98, e94-e100	29
1180	Differential Gamma-Synuclein Expression in Acute and Chronic Retinal Ganglion Cell Death in the Retina and Optic Nerve. 2020 , 57, 698-709	5
1179	Current Concepts in Ophthalmology. 2020 ,	
1178	Primary congenital glaucoma in Denmark, 1977-2016. 2020 , 98, 182-189	11
1177	Comparison of Associations with Different Macular Inner Retinal Thickness Parameters in a Large Cohort: The UK Biobank. <i>Ophthalmology</i> , 2020 , 127, 62-71	73 20

1176	Measuring Glaucomatous Focal Perfusion Loss in the Peripapillary Retina Using OCT Angiography. <i>Ophthalmology</i> , 2020 , 127, 484-491	7-3	8
1175	Genetics of primary open-angle glaucoma. 2020 , 181-201		
1174	New glaucoma medications: latanoprostene bunod, netarsudil, and fixed combination netarsudil-latanoprost. 2020 , 34, 72-88		18
1173	Has the EAGLE landed for the use of clear lens extraction in angle-closure glaucoma? And how should primary angle-closure suspects be treated?. 2020 , 34, 40-50		8
1172	Recent advances in anterior chamber angle imaging. 2020 , 34, 51-59		9
1171	Fixed combination netarsudil-latanoprost for the treatment of glaucoma and ocular hypertension. 2020 , 21, 39-45		6
1170	Beyond intraocular pressure: Optimizing patient-reported outcomes in glaucoma. 2020 , 76, 100801		9
1169	Translating Minimally Invasive Glaucoma Surgery Devices. 2020 , 13, 14-25		10
1168	Evaluation of corneal epithelial thickness in glaucomatous patients using anterior-segment optical coherence tomography. 2020 , 13, e201900095		3
1167	Review of the measurement and management of 24-hour intraocular pressure in patients with glaucoma. 2020 , 65, 171-186		13
1166	XEN gel implant versus gonioscopy-assisted transluminal trabeculotomy for the treatment of open-angle glaucoma. 2020 , 40, 1085-1093		12
1165	Involvement of regulated necrosis in blinding diseases: Focus on necroptosis and ferroptosis. 2020 , 191, 107922		18
1164	The Association between Medication Adherence and Visual Field Progression in the Collaborative Initial Glaucoma Treatment Study. <i>Ophthalmology</i> , 2020 , 127, 477-483	7-3	39
1163	Association of sex with the global burden of glaucoma: an analysis from the global burden of disease study 2017. 2020 , 98, e593		2
1162	Glaucoma screening: where are we and where do we need to go?. 2020 , 31, 91-100		13
1161	24-Month Phase I/II Clinical Trial of Bimatoprost Sustained-Release Implant (Bimatoprost SR) in Glaucoma Patients. 2020 , 80, 167-179		33
1160	The role of aromatic ring number in phenolic compound-conjugated chitosan injectables for sustained therapeutic antiglaucoma efficacy. 2020 , 231, 115770		9
1159	Robust segmentation of optic disc and optic cup using statistical Kurtosis test. 2020 , 30, 527-543		3

1158	A(eye): A Review of Current Applications of Artificial Intelligence and Machine Learning in Ophthalmology. 2020 , 60, 57-71			27
1157	Impact of referral refinement on management of glaucoma suspects in Australia. 2020 , 103, 675-683			7
1156	Human Versus Machine: Comparing a Deep Learning Algorithm to Human Gradings for Detecting Glaucoma on Fundus Photographs. 2020 , 211, 123-131			29
1155	Association of Ambient Particulate Matter Exposure with the Incidence of Glaucoma in Childhood. 2020 , 211, 176-182			8
1154	Cost-Utility Analysis of Glaucoma Medication Adherence. <i>Ophthalmology</i> , 2020 , 127, 589-598	7.3		16
1153	Sectorwise Visual Field Simulation Using Optical Coherence Tomographic Angiography Nerve Fiber Layer Plexus Measurements in Glaucoma. 2020 , 212, 57-68			3
1152	Intraocular pressure control and visual field changes in primary angle closure disease: the CUHK PACG Longitudinal (CUPAL) study. 2020 , 104, 629-635			4
1151	Stem cells from trabecular meshwork cells can secrete extracellular matrix. 2020 , 523, 522-526			3
1150	A Canadian Cost-Utility Analysis of 2 Trabecular Microbypass Stents at Time of Cataract Surgery in Patients with Mild to Moderate Open-Angle Glaucoma. 2020 , 3, 103-113			6
1149	Clinical and ASOCT evaluations of 'bleb-sparing epithelial exchange' in paediatric and adult dysfunctional blebs over 5 years. 2020 , 258, 367-377			1
1148	Neuroprotective effects of DAAO are mediated via the ERK1/2 signaling pathway in a glaucomatous animal model. 2020 , 190, 107892			5
1147	How do different lighting conditions affect the vision and quality of life of people with glaucoma? A systematic review. 2020 , 34, 138-154			12
1146	The effect of colonoscopy on intraocular pressure: an observational prospective study. 2020 , 258, 607-611			
1145	Cataract surgery and intraocular pressure in glaucoma. 2020 , 31, 15-22			12
1144	Next generation telemedicine platforms to screen and triage. 2020 , 104, 299-300			19
1143	Validation of a Head-mounted Virtual Reality Visual Field Screening Device. 2020 , 29, 86-91			20
1142	Artificial intelligence for detection of optic disc abnormalities. 2020 , 33, 106-110			9
1141	Socioeconomic disparities in the global burden of glaucoma: an analysis of trends from 1990 to 2016. 2020 , 258, 587-594			4

1140	Visual impairment among adults in Saudi Arabia. 2020 , 103, 858-864	2
1139	Retinal nerve fibre layer thickness in a normal black South African population. 2020 , 34, 1426-1431	1
1138	Cell transplantation of retinal ganglion cells derived from hESCs. 2020 , 38, 131-140	12
1137	Potentially inappropriate prescriptions of anticholinergic medications in patients with closed-angle glaucoma. 2020 , 40, 803-809	
1136	Recent advances in risk factors associated with ocular exfoliation syndrome. 2020 , 98, 113-120	6
1135	10-year trends in English primary care glaucoma prescribing. 2020 , 34, 192-196	3
1134	Double-session micropulse transscleral laser (CYCLO G6) for the treatment of glaucoma. 2020 , 35, 1469-1475	3
1133	Double-Session Micropulse Transscleral Laser (CYCLO G6) as a Primary Surgical Procedure for Glaucoma. 2020 , 29, 205-210	8
1132	Risk Factors for Open-angle Glaucoma in Persons of Latin American Descent. 2020 , 29, 217-225	10
1131	Baseline Age and Mean Deviation Affect the Rate of Glaucomatous Vision Loss. 2020 , 29, 31-38	6
1130	Comparative Effectiveness and Tolerance of Subliminal Subthreshold Transscleral Cyclophotocoagulation With a Duty Factor of 25% Versus 31.3% for Advanced Glaucoma. 2020 , 29, 97-103	2
1129	Primary angle closure glaucoma genomic associations and disease mechanism. 2020 , 31, 101-106	5
1128	Three-dimensional Neuroretinal Rim Thickness and Visual Fields in Glaucoma: A Broken-stick Model. 2020 , 29, 952-963	0
1127	Pooled Efficacy and Safety Profile of Netarsudil Ophthalmic Solution 0.02% in Patients With Open-angle Glaucoma or Ocular Hypertension. 2020 , 29, 878-884	10
1126	Automated Gonioscopy Assessment of XEN45 Gel Stent Angle Location After Isolated XEN or Combined Phaco-XEN Procedures: Clinical Implications. 2020 , 29, 932-940	6
1125	A Compact Optical Pressure Measurement System for Acquiring Intraocular Pressure and Ocular Pulse. 2020 , 2020, 4212-4216	
1124	Detection of primary angleclosure suspect with different mechanisms of angle closure using multivariate prediction models. 2021 , 99, e576-e586	1
1123	Deep learning algorithms to isolate and quantify the structures of the anterior segment in optical coherence tomography images. 2021 , 105, 1231-1237	9

1122	Effect of dietary modification and antioxidant supplementation on intraocular pressure and open-angle glaucoma. 2021 , 31, 1588-1605	6
1121	Plasma lipid levels and risk of primary open angle glaucoma: a genetic study using Mendelian randomization. 2020 , 20, 390	5
1120	Changes of Ocular Dimensions as a Marker of Disease Progression in a Murine Model of Pigmentary Glaucoma. 2020 , 11, 573238	6
1119	Diffusional Kurtosis Imaging of White Matter Degeneration in Glaucoma. 2020 , 9,	4
1118	The role of commensal microflora-induced T cell responses in glaucoma neurodegeneration. 2020 , 256, 79-97	9
1117	Links between obstructive sleep apnea and glaucoma neurodegeneration. 2020 , 257, 19-36	4
1116	Overexpression of S100A4 protects retinal ganglion cells against retinal ischemia-reperfusion injury in mice. 2020 , 201, 108281	9
1115	Inflammation in Glaucoma: From the back to the front of the eye, and beyond. 2021 , 83, 100916	37
1114	Development and clinical deployment of a smartphone-based visual field deep learning system for glaucoma detection. 2020 , 3, 123	5
1113	Cutting-edge advances in therapy for the posterior segment of the eye: Solid lipid nanoparticles and nanostructured lipid carriers. 2020 , 589, 119831	17
1112	Glaucoma phenotype in a large Chinese family with myocilin Val251Ala mutation. 2020 , 112, 5129-5135	3
1111	Automatic glaucoma screening using optic nerve head measurements and random forest classifier on fundus images. 2020 , 43, 1265-1277	3
1110	Short-Term Steady-State Pattern Electroretinography Changes Using a Multi-Pressure Dial in Ocular Hypertensive, Glaucoma Suspect, and Mild Open-Angle Glaucoma Patients: A Randomized, Controlled, Prospective, Pilot Study. 2020 , 9, 981-992	0
1109	Glaucoma Detection: Joint Segmentation and Classification Framework via Deep Ensemble Network. 2020 ,	1
1108	Assessment of efficacy and safety of micropulse diode laser treatment in glaucoma: One year follow-up. 2020 , 95, 327-333	0
1107	Glaucoma among the Malaysian Community. 2020 , 2020, 4859496	0
1106	Disc-fovea Angle Is Associated With Visual Field Defect Location in Patients With Glaucoma. 2020 , 29, 964-969	1
1105	Cytoprotective Effect of Astaxanthin in a Model of Normal Intraocular Pressure Glaucoma. 2020 , 2020, 9539681	2

1104	Outcome, influence factor and development of CLS measurement in continuous IOP monitoring: A narrative review. 2021 , 44, 101376	1
1103	Correlations Between Subjective Evaluation of Quality of Life, Visual Field Loss, and Performance in Simulated Activities of Daily Living in Glaucoma Patients. 2020 , 29, 970-974	9
1102	miR-21-5p: A viable therapeutic strategy for regulating intraocular pressure. 2020 , 200, 108197	8
1101	Is the Xen [®] Gel Stent really minimally invasive?. 2020 , 19, 100850	4
1100	Delayed-Onset Retrobulbar Hemorrhage and Glaucoma Drainage Device Extrusion in a Patient on Anticoagulation: A Case Report. 2020 , 11, 457-465	0
1099	Girl ['] Power in Glaucoma: The Role of Estrogen in Primary Open Angle Glaucoma. 2020 , 1	2
1098	A descriptive framework for the field of deep learning applications in medical images. 2020 , 210, 106445	7
1097	Advancing the stimuli response of polymer-based drug delivery systems for ocular disease treatment. 2020 , 11, 6988-7008	27
1096	Face and content validity of an artificial eye model for Ab-Interno Goniotomy. 2021 , 31, 2418-2423	0
1095	Diagnostic ability of OCT parameters and retinal ganglion cells count in identification of glaucoma in myopic preperimetric eyes. 2020 , 20, 373	4
1094	Metabolomic profiling of aqueous humor from glaucoma patients - The metabolomics in surgical ophthalmological patients (MISO) study. 2020 , 201, 108268	8
1093	Knowledge of open angle glaucoma questionnaire: Design and validation in Spanish-speaking patients of Peru. 2020 , 95, 57-63	
1092	[Recent Research Efforts to Achieve Neuroprotection, Progression and Treatment of Glaucoma]. 2020 , 237, 133-139	
1091	A Review of New Medications and Future Directions of Medical Therapies in Glaucoma. 2020 , 35, 280-286	2
1090	XEN Gel Stent: A Comprehensive Review on Its Use as a Treatment Option for Refractory Glaucoma. 2020 , 14, 1805-1832	25
1089	iStent Trabecular Microbypass Stent Implantation with Phacoemulsification in Patients with Open-Angle Glaucoma: 6-Year Outcomes. 2020 , 14, 1859-1866	6
1088	Longitudinal outcomes of circumlimbal suture model-induced chronic ocular hypertension in Sprague-Dawley albino rats. 2020 , 258, 2715-2728	2
1087	Early Detection of Glaucoma Using Residual Networks. 2020 ,	6

1086	The role of lamina cribrosa tissue stiffness and fibrosis as fundamental biomechanical drivers of pathological glaucoma cupping. 2020 , 319, C611-C623	12
1085	The trabecular meshwork: Structure, function and clinical implications. A review of the literature. 2020 , 43, e217-e230	9
1084	Preservation of optic nerve structure by complement inhibition in experimental glaucoma. 2020 , 382, 293-306	7
1083	Dual SMAD inhibition and Wnt inhibition enable efficient and reproducible differentiations of induced pluripotent stem cells into retinal ganglion cells. 2020 , 10, 11828	12
1082	Dual Machine-Learning System to Aid Glaucoma Diagnosis Using Disc and Cup Feature Extraction. 2020 , 8, 127519-127529	19
1081	Region Focus Network for Joint Optic Disc and Cup Segmentation. 2020 , 34, 751-758	2
1080	Cluster analysis reveals patterns of age-related change in anterior chamber depth for gender and ethnicity: clinical implications. 2020 , 40, 632-649	11
1079	Ophthalmologic Applications. 2020 , 1135-1152	
1078	Complement peptide C3a receptor 1 promotes optic nerve degeneration in DBA/2J mice. 2020 , 17, 336	12
1077	Association of Open-Angle Glaucoma with Non-Alzheimer's Dementia and Cognitive Impairment. 2020 , 3, 460-465	4
1076	Machine learning to determine relative contribution of modifiable and non-modifiable risk factors of major eye diseases. 2020 ,	1
1075	Lysophosphatidic Acid and IL-6 Trans-signaling Interact via YAP/TAZ and STAT3 Signaling Pathways in Human Trabecular Meshwork Cells. 2020 , 61, 29	9
1074	XEN gel implant with or without phacoemulsification for glaucoma: a systematic review and meta-analysis. 2020 , 8, 1309	1
1073	The Prevalence of Undiagnosed Age-Related Sight-Threatening Diseases in Self-Proclaimed Healthy Individuals. 2020 , 2020, 3709793	1
1072	Prevalence and associated factors of glaucoma in the Russian Ural Eye and Medical Study. 2020 , 10, 20307	1
1071	Bioinorganic chemistry of open-angle glaucoma: A review. 2020 , 62, 126652	2
1070	OCTA Multilayer and Multisector Peripapillary Microvascular Modeling for Diagnosing and Staging of Glaucoma. 2020 , 9, 58	7
1069	Generation of a Matrix Gla (Mgp) floxed mouse, followed by conditional knockout, uncovers a new Mgp function in the eye. 2020 , 10, 18583	3

1068	Priorities and Treatment Preferences among Surgery-Naive Patients with Moderate to Severe Open-Angle Glaucoma. 2020 , 3, 377-383	2
1067	Association of 24-Hour Intraocular Pressure Fluctuation With Corneal Hysteresis and Axial Length in Untreated Chinese Primary Open-Angle Glaucoma Patients. 2020 , 9, 25	0
1066	Combined Multi-Modal Assessment of Glaucomatous Damage With Electroretinography and Optical Coherence Tomography/Angiography. 2020 , 9, 7	6
1065	The Computerized Glaucoma Visual Function Test: A Pilot Study Evaluating Computer-Screen Based Tests of Visual Function in Glaucoma. 2020 , 9, 9	1
1064	An update on continuous-wave cyclophotocoagulation (CW-CPC) and micropulse transscleral laser treatment (MP-TLT) for adult and paediatric refractory glaucoma. 2021 , 99, e621-e653	8
1063	Vitamin D and Glaucoma: A Critical Review of the Literature. 2020 , 2020, 1-8	1
1062	Effect of surfactant concentration and sterilization process on intraocular pressure-lowering activity of Δ-tetrahydrocannabinol-valine-hemisuccinate (NB1111) nanoemulsions. 2021 , 11, 2096-2107	10
1061	Anterior Chamber Angle Assessment Techniques: A Review. 2020 , 9,	15
1060	Extended levobunolol release from Eudragit nanoparticle-laden contact lenses for glaucoma therapy. 2020 , 6,	4
1059	Applications of deep learning in detection of glaucoma: A systematic review. 2021 , 31, 1618-1642	6
1058	Changes in Class I and IIb HDACs by μ -Opioid in Chronic Rat Glaucoma Model. 2020 , 61, 4	3
1057	GlaucoMap - Distribution of Glaucoma Surgical Procedures in the United States. 2020 , 14, 2551-2560	4
1056	Comparing the efficacy of trabeculectomy and XEN gel microstent implantation for the treatment of primary open-angle glaucoma: a retrospective monocentric comparative cohort study. 2020 , 10, 19337	15
1055	retinal imaging in translational regenerative research. 2020 , 8, 1096	0
1054	The Appropriateness of Digital Diabetic Retinopathy Screening Images for a Computer-Aided Glaucoma Screening System. 2020 , 14, 3881-3890	1
1053	Nano-structured glaucoma drainage implant safely and significantly reduces intraocular pressure in rabbits via post-operative outflow modulation. 2020 , 10, 12911	3
1052	. 2020 ,	4
1051	Current Medical Therapy and Future Trends in the Management of Glaucoma Treatment. 2020 , 2020, 6138132	19

1050	Interocular Asymmetry of Visual Field Loss, Intraocular Pressure, and Corneal Parameters in Primary Open-Angle Glaucoma. 2021 , 64, 857-862	0
1049	Systemic Alpha1-Adrenoceptor Antagonists and Increased Risk of Open-Angle Glaucoma: A Nationwide Population-Based Cohort Study. 2020 , 61, 15	
1048	Comparison between Fundus Automated Perimetry and Humphrey Field Analyzer: Performance and usability of the Fundus Automated Perimetry and Humphrey Field Analyzer in healthy, ocular hypertensive, and glaucomatous patients. 2021 , 31, 1850-1856	0
1047	Philanthotoxin-343 attenuates retinal and optic nerve injury, and protects visual function in rats with N-methyl-D-aspartate-induced excitotoxicity. 2020 , 15, e0236450	2
1046	Connective Tissue Remodeling in Myopia and its Potential Role in Increasing Risk of Glaucoma. 2020 , 15, 40-50	13
1045	Association of anterior segment parameters and 5-year incident narrow angles: findings from an older Chinese population. 2021 , 105, 970-976	2
1044	Association analysis of polymorphisms rs12997 in ACVR1 and rs1043784 in BMP6 genes involved in bone morphogenic protein signaling pathway in primary angle-closure and pseudoexfoliation glaucoma patients of Saudi origin. 2020 , 21, 145	5
1043	Systemic Alterations of Immune Response-Related Proteins during Glaucoma Development in the Murine Model DBA/2J. 2020 , 10,	1
1042	Identification of Retinal Ganglion Cells from μ III Stained Fluorescent Microscopic Images. 2020 , 33, 1352-1363	1
1041	Glaucoma Detection Using Image Channels and Discrete Wavelet Transform. 2020 , 1-8	7
1040	Improvement in inner retinal function in glaucoma with nicotinamide (vitamin B3) supplementation: A crossover randomized clinical trial. 2020 , 48, 903-914	38
1039	Safety and efficacy of ripasudil in Japanese patients with glaucoma or ocular hypertension: 12-month interim analysis of ROCK-J, a post-marketing surveillance study. 2020 , 20, 275	8
1038	A Review of Deep Learning for Screening, Diagnosis, and Detection of Glaucoma Progression. 2020 , 9, 42	29
1037	Advances in Ocular Imaging in Glaucoma. 2020 ,	0
1036	Asian-specific vertical cup-to-disc ratio cut-off for glaucoma screening: An evidence-based recommendation from a multi-ethnic Asian population. 2020 , 48, 1210-1218	3
1035	Cost-effectiveness and budget impact analysis of a patient visit support system for blindness reduction in Japanese patients with glaucoma. 2020 , 23, 1293-1301	
1034	Associations of Ganglion Cell-Inner Plexiform Layer and Optic Nerve Head Parameters with Visual Field Sensitivity in Advanced Glaucoma. 2021 , 64, 310-320	0
1033	Ocular Biometric Determinants of Anterior Chamber Angle Width in Chinese Americans: The Chinese American Eye Study. 2020 , 220, 19-26	7

1032	Plateau Iris and Severity of Primary Angle Closure Glaucoma. 2020 , 220, 1-8	4
1031	Effects of Adult Müller Cells and Their Conditioned Media on the Survival of Stem Cell-Derived Retinal Ganglion Cells. 2020 , 9,	6
1030	Protective effect of the extremolytes ectoine and hydroxyectoine in a porcine organ culture. 2020 , 258, 2185-2203	1
1029	Assessment of Doppler flow parameters of the retrobulbar arteries and internal carotid artery in patients with glaucoma: the significance of ophthalmic artery peak ratio and the intima-media thickness of the internal carotid artery. 2020 , 40, 3337-3348	1
1028	A Novel Adaptive Weighted Loss Design in Adversarial Learning for Retinal Nerve Fiber Layer Defect Segmentation. 2020 , 8, 132348-132359	1
1027	Quantification of Iridotrabecular Contact in Primary Angle-Closure Disease. 2020 , 29, 681-688	6
1026	Do We Conform with European Glaucoma Society Guidelines in the Medical Treatment of Primary Open-Angle Glaucoma/Ocular Hypertension? Data from a Real-Life Practice. 2020 , 36, 747-753	
1025	A Simplified Deep Network Architecture on Optic Cup and Disc Segmentation. 2020 ,	1
1024	[Risk factors for open-angle glaucoma and recommendations for glaucoma screening]. 2020 , 117, 1149-1160	1
1023	Two-year outcomes of the MINInject drainage system for uncontrolled glaucoma from the STAR-I first-in-human trial. 2020 ,	7
1022	Differential susceptibility of retinal ganglion cell subtypes in acute and chronic models of injury and disease. 2020 , 10, 17359	14
1021	Relationship between mean follow-up intraocular pressure, rates of visual field progression and current target intraocular pressure guidelines. 2020 ,	1
1020	Seasonal variations and climatic factors on acute primary angle-closure admission in southern China: a 5-year hospital-based retrospective study. 2021 , 99, e761-e768	3
1019	Modulation of Tmem135 Leads to Retinal Pigmented Epithelium Pathologies in Mice. 2020 , 61, 16	4
1018	Artificial Intelligence Algorithms to Diagnose Glaucoma and Detect Glaucoma Progression: Translation to Clinical Practice. 2020 , 9, 55	15
1017	Age-Related Diseases and Driving Safety. 2020 , 5,	1
1016	Strengthening the integration of eye care into the health system: methodology for the development of the WHO package of eye care interventions. 2020 , 5, e000533	11
1015	Effects of Consumption of Alcohol on Intraocular Pressure: Korea National Health and Nutrition Examination Survey 2010 to 2011. 2020 , 12,	2

1014 Fundamentals in Ophthalmic Practice. **2020,**

1013 Peripapillary capillary density in acute angle closure crisis and angle closure suspect: A structure, flow and function correlation study. **2021, 31, 2439-2445** 0

1012 A lab-on-a-chip model of glaucoma. **2020, 10, e01799** 3

1011 Soft Contact Lens with Embedded Microtubes for Sustained and Self-Adaptive Drug Delivery for Glaucoma Treatment. **2020, 12, 45789-45795** 9

1010 Level-Set Method for Image Analysis of Schlemm's Canal and Trabecular Meshwork. **2020, 9, 7** 2

1009 Potential Therapeutic Benefit of NAD Supplementation for Glaucoma and Age-Related Macular Degeneration. **2020, 12,** 10

1008 Drug Delivery Challenges and Novel Therapeutic Approaches for Retinal Diseases. **2020,** 0

1007 Laser Trabeculoplasty for Open-Angle Glaucoma: A Systematic Review and Network Meta-Analysis. **2021, 229, 301-313** 2

1006 Glaucoma causes redox imbalance in the primary visual cortex by modulating NADPH oxidase-4, iNOS, and Nrf2 pathway in a rat experimental model. **2020, 200, 108225** 5

1005 Prevalence of glaucoma in the elderly population in Taiwan: The Shihpai Eye Study. **2020, 83, 880-884** 1

1004 Genetic analysis of primary open-angle glaucoma-related risk alleles in a Korean population: the GLAU-GENDISK study. **2021, 105, 1307-1312** 1

1003 Association between metabolic risk factors and optic disc cupping identified by deep learning method. **2020, 15, e0239071** 0

1002 Lifetime visual outcomes of patients undergoing trabeculectomy. **2021, 105, 1566-1570** 1

1001 Glaucoma drainage devices versus trabeculectomy for lowering intraocular pressure in people of West African origin. **2020,**

1000 An In Vitro Bovine Cellular Model for Human Schlemm's Canal Endothelial Cells and Their Response to TGF β Treatment. **2020, 9, 32** 0

999 Optic Disc Segmentation Using Attention-Based U-Net and the Improved Cross-Entropy Convolutional Neural Network. **2020, 22,** 7

998 Relationship between Oxidative Stress Biomarkers and Visual Field Progression in Patients with Primary Angle Closure Glaucoma. **2020, 2020, 2701539** 9

997 An Adoptive Threshold-Based Multi-Level Deep Convolutional Neural Network for Glaucoma Eye Disease Detection and Classification. **2020, 10,** 7

996	PnPP-19 Peptide as a Novel Drug Candidate for Topical Glaucoma Therapy Through Nitric Oxide Release. 2020 , 9, 33	5
995	CNS axonal degeneration and transport deficits at the optic nerve head precede structural and functional loss of retinal ganglion cells in a mouse model of glaucoma. 2020 , 15, 48	18
994	Autonomic Dysfunction and Blood Pressure in Glaucoma Patients: The Lifelines Cohort Study. 2020 , 61, 25	3
993	Intraocular Pressure Responses to Four Different Isometric Exercises in Men and Women. 2020 , 97, 648-653	5
992	The Role of Chromosome X in Intraocular Pressure Variation and Sex-Specific Effects. 2020 , 61, 20	2
991	Deep learning for automated glaucomatous optic neuropathy detection from ultra-widefield fundus images. 2021 , 105, 1548-1554	11
990	Presumed activated retinal astrocytes and Müller cells in healthy and glaucomatous eyes detected by spectral domain optical coherence tomography. 2020 , 40, 738-751	3
989	Influence of electromagnetic radiation emitted by daily-use electronic devices on the Eyemate [®] system in-vitro: a feasibility study. 2020 , 20, 357	1
988	Association of Single-Nucleotide Polymorphisms in ABCC5 Gene with Primary Angle Closure Glaucoma and the Ocular Biometric Parameters in a Northern Chinese Population. 2021 , 64, 762-768	2
987	Comparison of Perimetric Outcomes from Melbourne Rapid Fields Tablet Perimeter Software and Humphrey Field Analyzer in Glaucoma Patients. 2020 , 2020, 8384509	10
986	Decellularizing the Porcine Optic Nerve Head: Toward a Model to Study the Mechanobiology of Glaucoma. 2020 , 9, 17	1
985	A Minimally Invasive Experimental Model of Acute Ocular Hypertension with Acute Angle Closure Characteristics. 2020 , 9, 24	0
984	Evaluation of Refractive Status and Ocular Biometric Parameters in Primary Angle Closure Disease. 2021 , 64, 246-252	4
983	Comparison between high and low potency statins in the incidence of open-angle glaucoma: A retrospective cohort study in Japanese working-age population. 2020 , 15, e0237617	3
982	Contact Lenses as Drug Delivery System for Glaucoma: A Review. 2020 , 10, 5151	4
981	Association of Glaucoma Risk Genes with Retinal Nerve Fiber Layer in a Multi-ethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. 2020 , 61, 37	2
980	Laser Iridoplasty to Treat Iris-occluded XEN Gel Stent. 2020 , 29, e91-e92	5
979	Automated glaucoma screening method based on image segmentation and feature extraction. 2020 , 58, 2567-2586	7

978	Effect of high-intensity focused ultrasound (HiFU) treatment on intraocular pressure and aqueous humour dynamics: 12 -months results. 2021 , 35, 2499-2505	1
977	Dynamic changes in cell size and corresponding cell fate after optic nerve injury. 2020 , 10, 21683	3
976	Disturbed glucose and pyruvate metabolism in glaucoma with neuroprotection by pyruvate or rapamycin. 2020 , 117, 33619-33627	19
975	Reduced Pulsatile Trabecular Meshwork Motion in Eyes With Primary Open Angle Glaucoma Using Phase-Sensitive Optical Coherence Tomography. 2020 , 61, 21	9
974	Normative profiles of neuroretinal rim area in a multiethnic Asian population: the Singapore Epidemiology of Eye Diseases study. 2020 ,	1
973	Real-world efficacy of the Hydrus microstent in Black and Afro-Latinx patients with glaucoma: a retrospective study. 2020 , 12, 2515841420964311	4
972	Evaluation of negative pressure transfer through tissue in a benchtop cornea and eyelid model. 2020 , 12, 2515841420971406	
971	Discovery to Launch of Anti-allergy (Emadine; Patanol/Pataday/Pazeo) and Anti-glaucoma (Travatan; Simbrinza) Ocular Drugs, and Generation of Novel Pharmacological Tools Such as AL-8810. 2020 , 3, 1391-1421	3
970	Evaluation of the IOP-Lowering Effect of a Multi-Pressure Dial at Different Negative Pressure Settings. 2020 , 9, 19	4
969	Can dorzolamide/timolol-fixed combination effectively treat primary open-angle glaucoma?: A protocol for systematic review and meta-analysis. 2020 , 99, e23245	
968	Effects of SMILE Surgery on Intraocular Pressure, Central Corneal Thickness, Axial Length, Peripapillary Retinal Nerve Fiber Layer, and Macular Ganglion Cell Complex Thickness. 2020 , 2020, 1-6	
967	Quantification of Drugs in Distinctly Separated Ocular Substructures of Albino and Pigmented Rats. 2020 , 12,	1
966	A retrospective study of causes of visual impairment and use of low vision devices in the low vision clinic in Trinidad and Tobago. 2021 , 14, 335-341	1
965	Age-dependent changes in visual sensitivity induced by moving fixation points in adduction and abduction using imo perimetry. 2020 , 10, 21175	1
964	Feasibility of MRI to assess differences in ophthalmic artery blood flow rate in normal tension glaucoma and healthy controls. 2021 , 99, e679-e685	
963	Macromolecular Platform with Super-Cation Enhanced Trans-Cornea Infiltration for Noninvasive Nitric Oxide Delivery in Ocular Therapy. 2020 ,	7
962	Intraocular Pressure Decrease Does Not Affect Blood Flow Rate of Ophthalmic Artery in Ocular Hypertension. 2020 , 61, 17	1
961	Probing ON and OFF Retinal Pathways in Glaucoma Using Electroretinography. 2020 , 9, 14	3

960	Glaucomatous visual fields and neurocognitive function are independently associated with poor lane maintenance during driving simulation. 2020 , 20, 419	2
959	Synapse and Receptor Alterations in Two Different S100B-Induced Glaucoma-Like Models. 2020 , 21,	1
958	Circular RNA Expression Profiling Identifies Glaucoma-Related Circular RNAs in Various Chronic Ocular Hypertension Rat Models. 2020 , 11, 556712	8
957	The Effect of Patient Education and Telemedicine Reminders on Adherence to Eye Drops for Glaucoma. 2020 , 3, 369-376	4
956	Digital Image Analysis of the Angle and Optic Nerve: A Simple, Fast, and Low-Cost Method for Glaucoma Assessment. 2020 , 2020, 3595610	1
955	Level of Glaucoma Drug Adherence and Its Associated Factors Among Adult Glaucoma Patients Attending Felege Hiwot Specialized Hospital, Bahir Dar City, Northwest Ethiopia. 2020 , 12, 189-197	1
954	Natural Products: Evidence for Neuroprotection to Be Exploited in Glaucoma. 2020 , 12,	8
953	[The trabecular meshwork: Structure, function and clinical implications. A review of the literature (French translation of the article)]. 2020 , 43, 779-793	0
952	Investigation of associations between Piezo1 mechanoreceptor gain-of-function variants and glaucoma-related phenotypes in humans and mice. 2020 , 10, 19013	2
951	PINK1/PARKIN signalling in neurodegeneration and neuroinflammation. 2020 , 8, 189	60
950	GLP-1 Receptor Agonist NLY01 Reduces Retinal Inflammation and Neuron Death Secondary to Ocular Hypertension. 2020 , 33, 108271	26
949	A novel suprachoroidal microinvasive glaucoma implant: in vivo biocompatibility and biointegration. 2020 , 2, 10	7
948	Targeting HDAC3 in the DBA/2J spontaneous mouse model of glaucoma. 2020 , 200, 108244	2
947	Biomechanical properties of the rat sclera obtained with inverse finite element modeling. 2020 , 19, 2195-2212	5
946	Rottlerin acts as a therapeutic in primary open-angle glaucoma by targeting the trabecular meshwork via activation of Rap1 signaling. 2020 , 159, 104780	2
945	Personalized approaches for the management of glaucoma. 2020 , 5, 145-164	2
944	Needling after trabeculectomy - does augmentation by anti-metabolites provide better outcomes and is Mitomycin C better than 5-Fluorouracil? A systematic review with network meta-analyses. 2020 , 98, 643-653	2
943	A comparative study on efficacy of fixed combination timolol/brinzolamide versus travoprost monotherapy in drug-naïve open-angle glaucoma patients. 2020 , 12, 2515841420909666	3

942	Stanniocalcin-1 (STC-1), a downstream effector molecule in latanoprost signaling, acts independent of the FP receptor for intraocular pressure reduction. 2020 , 15, e0232591	2
941	Glaucoma as a Neurodegenerative Disease Caused by Intrinsic Vulnerability Factors. 2020 , 193, 101817	6
940	Effect of Acupuncture on Intraocular Pressure in Glaucoma Patients: A Single-Blinded, Randomized, Controlled Trial. 2020 , 2020, 7208081	2
939	Risk of cancer in patients with glaucoma: A nationwide population-based cohort study. 2020 , 10, 8170	1
938	Retinal Tissue Bioengineering, Materials and Methods for the Treatment of Glaucoma. 2020 , 17, 253-269	10
937	Robust retinal optic disc and optic cup segmentation via stationary wavelet transform and maximum vessel pixel sum. 2020 , 14, 592-602	7
936	Differential metabolic markers associated with primary open-angle glaucoma and cataract in human aqueous humor. 2020 , 20, 183	7
935	Rare protein-altering variants in ANGPTL7 lower intraocular pressure and protect against glaucoma. 2020 , 16, e1008682	11
934	European real-world data about the use of a new delivery system containing a preservative-free multi-dose glaucoma treatment. 2021 , 31, 1056-1063	2
933	Structural Analysis of Glaucoma Brain and its Association With Ocular Parameters. 2020 , 29, 393-400	5
932	Telmisartan Reduces Axon Degeneration in Mice With Experimental Glaucoma. 2020 , 61, 51	4
931	Effects of shell thickness of hollow poly(lactic acid) nanoparticles on sustained drug delivery for pharmacological treatment of glaucoma. 2020 , 111, 302-315	12
930	A pilot study to evaluate the levels of aqueous humor trace elements in open-angle glaucoma. 2020 , 61, 126560	6
929	Smart Electronic Eyedrop Bottle for Unobtrusive Monitoring of Glaucoma Medication Adherence. 2020 , 20,	6
928	Evaluation of the Relationship Between Age and Trabecular Meshwork Height to Predict the Risk of Glaucoma. 2020 , 10, 7115	4
927	Retinal Vessel Segmentation via a Semantics and Multi-Scale Aggregation Network. 2020 ,	6
926	Innovative IOP-Independent Neuroprotection and Neuroregeneration Strategies in the Pipeline for Glaucoma. 2020 , 2020, 9329310	7
925	Intraocular pressure increases during dynamic resistance training exercises according to the exercise phase in healthy young adults. 2020 , 258, 1795-1801	3

924	Altered information flow and microstructure abnormalities of visual cortex in normal-tension glaucoma: Evidence from resting-state fMRI and DKI. 2020 , 1741, 146874	7
923	Scleral Inflammation around Collector Channels in Eyes with Primary Open-Angle Glaucoma. 2020 , 1-7	1
922	Nitric oxide donating anti-glaucoma drugs: advances and prospects. 2020 , 18, 275-283	4
921	The aqueous humor proteome of primary open angle glaucoma: An extensive review. 2020 , 197, 108077	10
920	Ocular hypertension suppresses homeostatic gene expression in optic nerve head microglia of DBA/2 J mice. 2020 , 13, 81	14
919	Visual impairment in pseudoexfoliation from four tertiary centres in India. 2020 , 15, e0233268	
918	The effect of glaucoma treatment using high-intensity focused ultrasound on total and corneal astigmatism: a prospective multicentre study. 2020 , 98, 833-840	3
917	Non-contact tests for identifying people at risk of primary angle closure glaucoma. 2020 , 5, CD012947	6
916	The potential application of artificial intelligence for diagnosis and management of glaucoma in adults. 2020 , 134, 21-33	3
915	Omidenepag Isopropyl Versus Latanoprost in Primary Open-Angle Glaucoma and Ocular Hypertension: The Phase 3 AYAME Study. 2020 , 220, 53-63	33
914	Can neuroprotection effectively manage primary open-angle glaucoma? a protocol of systematic review and meta-analysis. 2020 , 99, e20380	
913	Deep Neural Network for Scleral Spur Detection in Anterior Segment OCT Images: The Chinese American Eye Study. 2020 , 9, 18	12
912	Profiling ocular surface responses to preserved and non-preserved topical glaucoma medications: A 2-year randomized evaluation study. 2020 , 48, 973-982	10
911	VIP Induces Changes in the F-/G-Actin Ratio of Schlemm's Canal Endothelium via LRRK2 Transcriptional Regulation. 2020 , 61, 45	5
910	Analysis of Plasma Hydrogen Sulfide, Homocysteine, and L-Cysteine in Open-Angle Glaucoma Patients. 2020 , 36, 649-657	3
909	Canaloplasty for the treatment of primary open-angle glaucoma: A protocol of systematic review and meta-analysis. 2020 , 99, e20408	
908	Knowledge of open angle glaucoma questionnaire: Design and validation in Spanish-speaking patients of Peru. 2020 , 95, 57-63	
907	Diabetic retinopathy and diabetic macular oedema pathways and management: UK Consensus Working Group. 2020 , 34, 1-51	45

906	Glaucoma Diagnosis Using State of Art Image Analysis Techniques: A Comprehensive Survey. 2020,	
905	A comprehensive map of disease networks and molecular drug discoveries for glaucoma. 2020, 10, 9719	1
904	Predictive Factors for Outcomes of Selective Laser Trabeculoplasty. 2020, 10, 9428	6
903	Cataract and glaucoma combined surgery: XEN [®] gel stent versus nonpenetrating deep sclerectomy, a pilot study. 2020, 20, 231	1
902	The Genetic and Endoplasmic Reticulum-Mediated Molecular Mechanisms of Primary Open-Angle Glaucoma. 2020, 21,	5
901	Minimally Invasive Glaucoma Surgery: Where Is the Evidence?. 2020, 9, 203-214	21
900	Modeling of gonioscopic anterior chamber angle grades based on anterior segment optical coherence tomography. 2020, 7, 30	2
899	Quantitative analysis of functional filtering bleb size using Mask R-CNN. 2020, 8, 709	1
898	Bruch's Membrane Opening Minimum Rim Width Provides Objective Differentiation between Glaucoma and Nonglaucomatous Optic Neuropathies. 2020, 218, 164-172	5
897	Do epigenetic changes caused by commensal microbiota contribute to development of ocular disease? A review of evidence. 2020, 14, 11	17
896	Identification of lncRNA-miRNA-mRNA regulatory network associated with primary open angle glaucoma. 2020, 20, 104	17
895	Association of the CAV1-CAV2 locus with normal-tension glaucoma in Chinese and Japanese. 2020, 48, 658-665	5
894	Awareness of Glaucoma and Associated Factors Among Adults in Gish Abay Town, Northwest Ethiopia. 2020, 12, 37-43	3
893	Comparative efficacy and cost-utility of combined cataract and minimally invasive glaucoma surgery in primary open-angle glaucoma. 2020, 40, 1469-1479	6
892	Low temperature fabrication of high-performance VO ₂ film via embedding low vanadium buffer layer. 2020, 517, 146101	5
891	Evening exercise is associated with lower odds of visual field progression in Chinese patients with primary open angle glaucoma. 2020, 7, 12	2
890	European study of the efficacy of a cross-linked gel stent for the treatment of glaucoma. 2020, 46, 441-450	20
889	Effect of Near Work on Intraocular Pressure in Emmetropes. 2020, 2020, 1352434	2

888	Structural Characterization of Glaucoma Patients with Low Ocular Blood Flow. 2020 , 45, 1302-1308	1
887	Hypotensive Effect of Nanomicellar Formulation of Melatonin and Agomelatine in a Rat Model: Significance for Glaucoma Therapy. 2020 , 10,	2
886	Diagnostic power of scleral spur length in primary open-angle glaucoma. 2020 , 258, 1253-1260	2
885	Current Knowledge and Attitudes Concerning Cost-Effectiveness in Glaucoma Pharmacotherapy: A Glaucoma Specialists Focus Group Study. 2020 , 14, 729-739	7
884	Cytidine 5'-Diphosphocholine (Citicoline): Evidence for a Neuroprotective Role in Glaucoma. 2020 , 12,	13
883	The Role of Autophagy in Glaucomatous Optic Neuropathy. 2020 , 8, 121	14
882	Practice Guidelines for Ocular Telehealth-Diabetic Retinopathy, Third Edition. 2020 , 26, 495-543	25
881	Telemedicine for Glaucoma: Guidelines and Recommendations. 2020 , 26, 551-555	15
880	Effects of caffeine consumption on intraocular pressure during low-intensity endurance exercise: A placebo-controlled, double-blind, balanced crossover study. 2020 , 48, 602-609	3
879	Pointwise Methods to Measure Long-term Visual Field Progression in Glaucoma. 2020 , 138, 536-543	0
878	Sub-region-Specific Optic Nerve Head Glial Activation in Glaucoma. 2020 , 57, 2620-2638	11
877	The -QC Reporter for Quantitative Mitophagy Assessment in Primary Retinal Ganglion Cells and Experimental Glaucoma Models. 2020 , 21,	9
876	Intermediate Outcomes of a Novel Standalone Ab Externo SIBS Microshunt With Mitomycin C. 2020 , 215, 141-153	27
875	Efficacy and safety at 6 months of the XEN implant for the management of open angle glaucoma. 2020 , 10, 4527	10
874	Glaucoma: A Degenerative Optic Neuropathy Related to Neuroinflammation?. 2020 , 9,	23
873	5-[2-(N-(Substituted phenyl)acetamide)]amino-1,3,4-thiadiazole-2-sulfonamides as Selective Carbonic Anhydrase II Inhibitors with Neuroprotective Effects. 2020 , 15, 705-715	3
872	Improved automated detection of glaucoma by correlating fundus and SD-OCT image analysis. 2020 , 30, 1046-1065	6
871	Tissue-Engineered Models for Glaucoma Research. 2020 , 11,	1

870	No association between polymorphisms and normal-tension glaucoma. 2020 , 41, 427-431	1
869	The intraocular pressure response to lower-body and upper-body isometric exercises is affected by the breathing pattern. 2021 , 21, 879-886	7
868	Biofabrication of Chitosan-Based Nanomedicines and Its Potential Use for Translational Ophthalmic Applications. 2020 , 10, 4189	7
867	Effect of color information on the diagnostic performance of glaucoma in deep learning using few fundus images. 2020 , 40, 3013-3022	3
866	Speed and accuracy of saccades in patients with glaucoma evaluated using an eye tracking perimeter. 2020 , 20, 259	3
865	Application of optical coherence tomography in hereditary, toxic and metabolic optic neuropathies. 2020 , 5, 17-17	2
864	A deep learning approach to predict visual field using optical coherence tomography. 2020 , 15, e0234902	11
863	Multifunctional glutathione-dependent hydrogel eye drops with enhanced drug bioavailability for glaucoma therapy. 2020 , 402, 126190	20
862	The effect of Bushen Huoxue method in treating glaucoma: A protocol for systematic review and meta-analysis. 2020 , 99, e21156	
861	Visualizing the Consistency of Clinical Characteristics that Distinguish Healthy Persons, Glaucoma Suspect Patients, and Manifest Glaucoma Patients. 2020 , 3, 274-287	9
860	Effects of Netarsudil on the Corneal Endothelium: Three-Month Findings from a Phase 3 Trial. 2020 , 3, 421-425	3
859	Can Psychologic Stress Elevate Intraocular Pressure in Healthy Individuals?. 2020 , 3, 426-433	8
858	Neuronal Reprogramming for Tissue Repair and Neuroregeneration. 2020 , 21,	3
857	Shape Memory Tube Plug for Fine-control of Intraocular Pressure by Glaucoma Devices. 2020 , 6, 3784-3790	2
856	Comparisons of retinal vessel density and glaucomatous parameters in optical coherence tomography angiography. 2020 , 15, e0234816	4
855	Self-assembled DNA nanoparticles loaded with travoprost for glaucoma-treatment. 2020 , 29, 102260	11
854	The Relationship Between Intraocular Pressure and Rates of Central Versus Peripheral Visual Field Progression. 2020 , 29, 435-440	2
853	Comparison of 1-Year Effectiveness of Trabecular Microbypass Stent implantation (iStent) in Conjunction With Phacoemulsification Among Mild, Moderate, and Severe Primary Open-angle Glaucoma Patients. 2020 , 29, 542-549	1

852	Effect of Pharmacological Pupil Dilatation on Angle Configuration in Untreated Primary Angle Closure Suspects: A Swept Source Anterior Segment Optical Coherence Tomography Study. 2020 , 29, 521-528	0	
851	Second-Generation Trabecular Micro-Bypass (iStent inject) with Cataract Surgery in Eyes with Normal-Tension Glaucoma: One-Year Outcomes of a Multi-Centre Study. 2020 , 9, 585-596	11	
850	Towards stem cell-based neuronal regeneration for glaucoma. 2020 , 257, 99-118	4	
849	Fibronectin extra domain A (FN-EDA) elevates intraocular pressure through Toll-like receptor 4 signaling. 2020 , 10, 9815	8	
848	CYP1B1 gene: Implications in glaucoma and cancer. 2020 , 11, 4652-4661	17	
847	LVPEI Glaucoma Epidemiology and Molecular Genetic Study: teleophthalmology screening for angle-closure disease in an underserved region. 2020 , 34, 1399-1405	6	
846	TNF α Mediated Priming of Mesenchymal Stem Cells Enhances Their Neuroprotective Effect on Retinal Ganglion Cells. 2020 , 61, 6	23	
845	Acupuncture for glaucoma. 2020 , 2, CD006030	3	
844	Glaucoma in the Northern Ireland Cohort for the Longitudinal Study of Ageing (NICOLA): cohort profile, prevalence, awareness and associations. 2020 , 104, 1492-1499	11	
843	Zinc oxide nanoparticles induce human tenon fibroblast apoptosis through reactive oxygen species and caspase signaling pathway. 2020 , 683, 108324	11	
842	Glaucoma in pregnancy: an update. 2020 , 31, 114-122	10	
841	Toward a new definition of glaucomatous optic neuropathy for clinical research. 2020 , 31, 85-90	15	
840	Prevalence of Unknown Ocular Hypertension, Glaucoma Suspects, and Glaucoma in Patients Seen in an Ophthalmology Center in France. 2020 , 63, 295-301	4	
839	Adherence with Medical Therapy for Primary Open-Angle Glaucoma in Kenya - A Pilot Study. 2020 , 14, 221-225	2	
838	Endothelin-1 Mediated Decrease in Mitochondrial Gene Expression and Bioenergetics Contribute to Neurodegeneration of Retinal Ganglion Cells. 2020 , 10, 3571	7	
837	Profile of retinal nerve fibre layer symmetry in a multiethnic Asian population: the Singapore Epidemiology of Eye Diseases study. 2020 , 104, 836-841	5	
836	Profiles of Ganglion Cell-Inner Plexiform Layer Thickness in a Multi-Ethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology</i> , 2020 , 127, 1064-1076	7.3	12
835	In Vivo Imaging of Schlemm's Canal and Limbal Vascular Network in Mouse Using Visible-Light OCT. 2020 , 61, 23	11	

834	Evaluation of a multimedia marketing campaign to engage African American patients in glaucoma screening. 2020 , 17, 101057	2
833	Topical recombinant human Nerve growth factor (rh-NGF) is neuroprotective to retinal ganglion cells by targeting secondary degeneration. 2020 , 10, 3375	11
832	Subconjunctival microinvasive glaucoma surgeries: an update on the Xen gel stent and the PreserFlo MicroShunt. 2020 , 31, 132-138	5
831	Recent Developments for the Treatment of Glaucoma. 2020 , 189-256	1
830	Comparative Outcomes of the Molteno3 and Baerveldt Glaucoma Implants. 2020 , 3, 40-50	0
829	XEN Gel Stent in the management of primary open-angle glaucoma. 2020 , 141, 65-76	2
828	New Technologies for Outcome Measures in Glaucoma: Review by the European Vision Institute Special Interest Focus Group. 2020 , 63, 88-96	1
827	Exploring the Novel Susceptibility Gene Variants for Primary Open-Angle Glaucoma in East Asian Cohorts: The GLAU-GENDISK Study. 2020 , 10, 221	5
826	Medical Image Understanding and Analysis. 2020 ,	2
825	Knowledge of glaucoma and associated factors among adults in Gish Abay town, Northwest Ethiopia. 2020 , 20, 8	1
824	Effects of Netarsudil and Latanoprost Alone and in Fixed Combination on Corneal Endothelium and Corneal Thickness: Post-Hoc Analysis of MERCURY-2. 2020 , 37, 1114-1123	10
823	Clinical outcomes of micropulse transscleral cyclophotocoagulation in refractory glaucoma-18' months follow-up. 2020 , 35, 1487-1491	20
822	Outcomes of phacoemulsification combined with two iStent inject trabecular microbypass stents with or without endocyclophotocoagulation. 2020 , 104, 1378-1383	9
821	Deep learning-based automated detection of glaucomatous optic neuropathy on color fundus photographs. 2020 , 258, 851-867	22
820	Long-Term Follow-Up of Normal Tension Glaucoma Patients With TBK1 Gene Mutations in One Large Pedigree. 2020 , 214, 52-62	0
819	Is kidney function associated with primary open-angle glaucoma? Findings from the Asian Eye Epidemiology Consortium. 2020 , 104, 1298-1303	6
818	Curcumin as a Therapeutic Option in Retinal Diseases. 2020 , 9,	20
817	Biomechanical properties of optic nerve and retrobulbar structures with 2D and 3D shear wave elastography in patients affected by glaucoma. 2020 , 61, 106-114	1

816	Gene Therapy for Glaucoma by Ciliary Body Aquaporin 1 Disruption Using CRISPR-Cas9. 2020 , 28, 820-829	27
815	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. 2020 , 52, 160-166	78
814	Understanding Barriers to Glaucoma Treatment Adherence among Participants in South India. 2020 , 27, 200-208	4
813	Macular vessel density versus ganglion cell complex thickness for detection of early primary open-angle glaucoma. 2020 , 20, 17	8
812	Phacoemulsification vs phacoemulsification with micro-bypass stent implantation in primary angle closure and primary angle closure glaucoma: A randomized single-masked clinical study. 2020 , 48, 450-461	7
811	Safety and efficacy outcomes of the Xen45 Gel Stent use for refractory glaucoma: a surgery series from surgeon trainees at a tertiary teaching hospital. 2020 , 7, 5	9
810	Non-contact determination of intra-ocular pressure in an ex vivo porcine model. 2020 , 15, e0227488	3
809	Four-Year Outcomes of Two Second-Generation Trabecular Micro-Bypass Stents in Patients with Open-Angle Glaucoma on One Medication. 2020 , 14, 71-80	14
808	Age related retinal Ganglion cell susceptibility in context of autophagy deficiency. 2020 , 6, 21	8
807	Device profile of the EYEMATE-IO System for intraocular pressure monitoring: overview of its safety and efficacy. 2020 , 17, 491-497	5
806	Atorvastatin-loaded solid lipid nanoparticles as eye drops: proposed treatment option for age-related macular degeneration (AMD). 2020 , 10, 919-944	27
805	Age-related decline of lymphatic drainage from the eye: A noninvasive in vivo photoacoustic tomography study. 2020 , 194, 108029	4
804	Use of Virtual Reality Simulation to Identify Vision-Related Disability in Patients With Glaucoma. 2020 , 138, 490-498	8
803	Glaucoma care and follow-up in sub-Saharan Africa: Is there a need for modification of counselling practices to improve awareness, knowledge and treatment acceptance profiles? A prospective cross-sectional study. 2020 , 40, 1539-1546	1
802	Peroxynitrite is a novel risk factor and treatment target of glaucoma. 2020 , 99, 17-24	6
801	MP3 Plus: A Modified Micropulse Transscleral Cyclophototherapy Technique for the Treatment of Refractory Glaucoma. 2020 , 29, 264-270	7
800	Preservative-free versus preserved glaucoma eye drops and occurrence of glaucoma surgery. A retrospective study based on the French national health insurance information system, 2008-2016. 2020 , 98, e876-e881	6
799	Local ocular renin-angiotensin-aldosterone system: any connection with intraocular pressure? A comprehensive review. 2020 , 52, 191-206	13

798	High-Density Lipoprotein Cholesterol in Age-Related Ocular Diseases. 2020 , 10,	5
797	Diagnostic ability of spectral-domain optical coherence tomography peripapillary retinal nerve fiber layer thickness to discriminate glaucoma patients from controls in an elderly population (The MONTRACHET study). 2020 , 98, e1009-e1016	2
796	Clear lens extraction in eyes with primary angle closure and primary angle-closure glaucoma. 2020 , 65, 662-674	6
795	Comparison of Using One Trabecular Microbypass Stent versus Two during Cataract Surgery at Two Sites: One-Year Follow-Up. 2020 , 2020, 1920352	
794	Comparing Medium-Term Clinical Outcomes following XEN [®] 45 and XEN [®] 63 Device Implantation. 2020 , 2020, 4796548	4
793	Estimation of risk-benefit ratio and comparison of post-operative efficacy results between trabeculectomy and canaloplasty. 2021 , 31, 1405-1412	3
792	iStent inject trabecular micro-bypass stents with topical prostaglandin as standalone treatment for open-angle glaucoma: 4-year outcomes. 2020 , 48, 767-774	8
791	Auxiliary Glasses Designed for Visually Impaired People with Color Blindness and Regional Visual Impairments. 2021 ,	
790	GlauCUTU: Virtual Reality Visual Field Test. 2021 , 2021, 7416-7421	1
789	Prediction of effective Lens position using anterior segment optical coherence tomography in Chinese subjects with angle closure.. 2021 , 21, 454	0
788	Association Between Sex Hormones and Visual Field Progression in Women With Primary Open Angle Glaucoma: A Cross-Sectional and Prospective Cohort Study.. 2021 , 13, 756186	1
787	Trabecular Meshwork Motion Profile from Pulsatile Pressure Transients: A New Platform to Simulate Transitory Responses in Humans and Nonhuman Primates. 2022 , 12, 11	2
786	Factors Threatening Central Visual Function of Advanced Glaucoma Patients: A Prospective Longitudinal Observational Study. <i>Ophthalmology</i> , 2021 ,	7:3 1
785	The Effect of Periocular Negative Pressure Application on Intraocular and Retrobulbar Pressure in Human Cadaver Eyes.. 2021 , 11, 365	1
784	Diagnostic Accuracy and Detection Rate of Glaucoma Screening with Optic Disk Photos, Optical Coherence Tomography Images, and Telemedicine.. 2021 , 11,	0
783	Plasma levels of sirtuin and adiponectin in patients with primary open-angle glaucoma, exfoliative glaucoma, and healthy controls. 2021 , 11206721211065216	0
782	Impact of benzalkonium chloride-preserved and preservative-free latanoprost eye drops on cultured human conjunctival goblet cells upon acute exposure and differences in physicochemical properties of the eye drops.. 2021 , 6, e000892	3
781	The Role of Artificial Intelligence in the Diagnosis and Management of Glaucoma.. 2021 , 31,	0

780	Goniotomy on Goat's Eye (GOGE) model: To improve angle-based surgery skills of the residents.. 2021,	2
779	Lens extraction versus laser peripheral iridotomy for acute primary angle closure. 2021, 2021,	1
778	Risk of Glaucoma Associated with Components of Metabolic Disease in Taiwan: A Nationwide Population-Based Study.. 2021, 19,	
777	Development and Evaluation of the Prognostic Nomogram to Predict Refractive Error in Patients With Primary Angle-Closure Glaucoma Who Underwent Cataract Surgery Combined With Goniosynechialysis.. 2021, 8, 749903	1
776	Efficacy and safety of Ab interno XEN gel implant after a failed filtering surgery.. 2021, 65, 365-370	0
775	Analysis of Socioeconomic Factors Affecting Follow-Up in a Glaucoma Screening Program.. 2021, 15, 4855-4863	0
774	Macular and submacular choroidal microvasculature in patients with primary open-angle glaucoma and high myopia. 2021,	1
773	Prevalence of blindness and distance vision impairment in the Gambia across three decades of eye health programming.. 2021,	0
772	Correlation Between Changes in Lamina Cribrosa Structure and Visual Field in Primary Open-Angle Glaucoma.. 2021, 15, 4715-4722	0
771	Genome-wide association meta-analysis identifies novel ancestry-specific primary open-angle glaucoma loci and shared biology with vascular mechanisms and cell proliferation.	3
770	3D retinal imaging and measurement using light field technology.. 2021, 26,	0
769	The Assessment of Morphological and Functional Changes in the Detection of the Initial Stage of Primary Glaucoma. 2021, 18, 857-865	
768	Xen45 gel stent ab interno trimming for ostium occlusion: case report.. 2021, 21, 446	0
767	An Exploration on Deep Learning Approaches for the Detection of Glaucoma. 2021,	1
766	Efficacy and safety of non-penetrating glaucoma surgery with phacoemulsification versus non-penetrating glaucoma surgery: a Meta-analysis.. 2021, 14, 1970-1978	0
765	Conventional Trabeculotomy versus Gonioscopy-Assisted Transluminal Trabeculotomy: A Retrospective Cohort Study.. 2021, 11,	
764	The connection of polymorphism and diurnal changes of the biological clock gene expression with the risk of progression of primary open-angle glaucoma. 2022, 14, 38-45	1
763	Prevalence, ethnic differences and risk factors of primary angle-closure glaucoma in a multiethnic Chinese adult population: the Yunnan Minority Eye Study.. 2021,	2

- 762 The Impact of Glaucoma on the Mental Health of Primary Open-Angle Glaucoma Patients Attending a Teaching Hospital in South East Nigeria.. **2020**, 10, 17-22
- 761 Efficacy of ab interno gelatin microstent implantation in primary and refractory glaucoma, with and without combined phacoemulsification.. **2022**,
- 760 Pathological Changes and Expression of JAK-STAT Signaling Pathway Hallmark Proteins in Rat Retinas at Different Time Points After Retinal Ischemia Reperfusion Injury.. **2022**, 28, 1610385
- 759 Rapid Campimetry-A Novel Screening Method for Glaucoma Diagnosis.. **2022**, 11,
- 758 Four-Year Efficacy and Safety of iTrack Ab-interno Canaloplasty as a Standalone Procedure and Combined with Cataract Surgery in Open-Angle Glaucoma.. **2022**, ○
- 757 MicroRNA profiles in aqueous humor between pseudoexfoliation glaucoma and normal tension glaucoma patients in a Korean population.. **2022**, 12, 6217 1
- 756 Rotational extraction of incarcerated iris (REII): a slit lamp technique to reduce incarcerated iris after nonpenetrating deep sclerectomy for glaucoma.. **2022**,
- 755 A Multifaceted Strategy to Enhance Glaucoma Knowledge and Reduce Anxiety in the Uyghur Population of Rural China. **2022**, 2022, 1-9
- 754 Retinal Changes in Astrocytes and Müller Glia in a Mouse Model of Laser-Induced Glaucoma: A Time-Course Study. **2022**, 10, 939 1
- 753 Joint optic disk and cup segmentation for glaucoma screening using a region-based deep learning network.. **2022**,
- 752 Collecting and deactivating TGF- β hydrogel for anti-scarring therapy in post-glaucoma filtration surgery.. **2022**, 14, 100260
- 751 Deep learning-based classification network for glaucoma in retinal images. **2022**, 101, 108009 ○
- 750 Fused framework for glaucoma diagnosis using Optical Coherence Tomography (OCT) images. **2022**, 201, 117202 ○
- 749 Table_1.docx. **2019**,
- 748 Table_1.XLS. **2020**,
- 747 Data_Sheet_1.DOCX. **2018**,
- 746 DataSheet_1.docx. **2019**,
- 745 Dealing with glaucoma.

- 744 Risk of glaucoma after vitreoretinal surgery - Findings from a population-based cohort study.. **2022**,
- 743 Predictors of long-term intraocular pressure control after lens extraction in primary angle closure glaucoma: results from the EAGLE trial.. **2022**, ○
- 742 High myopia as risk factor for the 10-year incidence of open-angle glaucoma in the Beijing Eye Study.. **2022**, ○
- 741 Changes in glaucoma management following visual field testing and optical coherence tomography.. **2022**,
- 740 Automated Focal Plane Merging From a Stack of Gonioscopic Photographs Using a Focus-Stacking Algorithm.. **2022**, 11, 22 ○
- 739 Identification of the potential biological target molecules related to primary open-angle glaucoma.. **2022**, 22, 188 ○
- 738 Microstructural Visual Pathway White Matter Alterations in Primary Open-Angle Glaucoma: A Neurite Orientation Dispersion and Density Imaging Study.. **2022**, ○
- 737 Can trainees perform Ahmed glaucoma valve surgery as effectively as attendings?. **2022**, 15, 31-35
- 736 Mapping retinal ganglion cell somas in a large-eyed glaucoma model.. **2021**, 27, 608-621
- 735 Clinical outcome of phacoemulsification combined with intraocular lens implantation for primary angle closure/glaucoma (PAC/PACG) with cataract.. **2021**, 13, 13498-13507
- 734 Evaluation of as a candidate gene for primary angle closure glaucoma.. **2021**, 27, 734-740
- 733 Association of (rs2472493) and (rs9913911) gene variants with primary open-angle glaucoma in a Brazilian population.. **2022**, 28, 1-10
- 732 The Genetics of Common, Complex Diseases. **2022**, 2911-2932
- 731 Comparison of the Consistency of the Vertical Cup/Disc Ratio Analyzed by Daytona Combined with Artificial Intelligence, OCT and OCTA. **2022**, 11, 113-120
- 730 Inflammatory potential of diet and aging. **2022**, 565-607
- 729 Classification of Glaucoma in Retinal Images Using EfficientnetB4 Deep Learning Model. **2022**, 43, 1041-1055
- 728 Management of Glaucoma and Cataract. **2022**, 1901-1921
- 727 Primary Open-Angle Glaucoma. **2022**, 2159-2172

726	Ocular Hypertension Results in Hypoxia within Glia and Neurons throughout the Visual Projection. 2022 , 11, 888	0
725	Intraocular Pressure Measurement with Pneumatometry and a Tonometer Tip Cover During Negative Pressure Application.. 2022 , 16, 1289-1300	
724	Differences in visual field loss pattern when transitioning from SITA standard to SITA faster.. 2022 , 12, 7001	1
723	Reintervention rate in glaucoma filtering surgery: A systematic review and meta-analysis.. 2022 , 11206721221093828	
722	The Effects of Mechanical Stretch on Integrins and Filopodial-Associated Proteins in Normal and Glaucomatous Trabecular Meshwork Cells.. 2022 , 10, 886706	0
721	Ocular Hypotensive Properties and Biochemical Profile of QLS-101, a Novel ATP-Sensitive Potassium (KATP) Channel Opening Prodrug.. 2022 , 63, 26	
720	An Optimized Method to Decellularize Human Trabecular Meshwork. 2022 , 9, 194	0
719	ASSOCIATION BETWEEN PLATELET AGGREGATION PARAMETERS AND PRIMARY OPEN ANGLE GLAUCOMA. 2022 , 41-43	
718	In Vivo Confocal Microscopy in Different Types of Dry Eye and Meibomian Gland Dysfunction.. 2022 , 11,	1
717	Pericyte Biology in the Optic Nerve and Retina. 1	0
716	Determinants for late presentation of glaucoma among adult glaucomatous patients in University of Gondar Comprehensive Specialized Hospital. Case-control study.. 2022 , 17, e0267582	
715	Cost-Utility Analysis of STN1013001, a Latanoprost Cationic Emulsion, versus Other Latanoprost Formulations (Latanoprost) in Open-Angle Glaucoma or Ocular Hypertension and Ocular Surface Disease in France.. 2022 , 2022, 3837471	1
714	Asian Race and Primary Open-Angle Glaucoma: Where Do We Stand?. 2022 , 11,	0
713	Factors associated with adherence to treatment in patients with open angle glaucoma in Sierra Leone, West Africa: patient demographics and questionnaire.. 2022 , 1	
712	Detailed 3D micro-modeling of rat aqueous drainage channels based on two-photon imaging: simulating aqueous humor through trabecular meshwork and Schlemm's canal by two-way fluid structure interaction approach.. 2022 , 1	0
711	Pulsatile Trabecular Meshwork Motion: An Indicator of Intraocular Pressure Control in Primary Open-Angle Glaucoma. 2022 , 11, 2696	0
710	Effects of optic nerve head-related parameters on retinal vessel calibers measurement results on fundus photographs.. 2022 , 22, 215	
709	Screening of Carbonic Anhydrase, Acetylcholinesterase, Butyrylcholinesterase, and β Glycosidase Enzyme Inhibition Effects and Antioxidant Activity of Coumestrol. 2022 , 27, 3091	4

- 708 Metabolomics in Primary Open Angle Glaucoma: A Systematic Review and Meta-Analysis. **2022**, 16, 0
- 707 Habitual coffee consumption increases risk of primary open-angle glaucoma: A Mendelian randomization study.. *Ophthalmology*, **2022**, 73 2
- 706 Accelerated aging induced by stress in experimental murine ocular hypertension.
- 705 Generic benzalkonium chloride-preserved travoprost eye drops are not identical to the branded polyquarternium-1-preserved travoprost eye drop: Effect on cultured human conjunctival goblet cells and their physicochemical properties.. **2022**, 0
- 704 Peripheral anterior synechiae after selective laser trabeculoplasty among Chinese patients.. **2022**, 1
- 703 Glaucoma control after phacoemulsification in eyes with functioning glaucoma filtration surgeries: trabeculectomies versus glaucoma drainage devices.. **2022**, 1
- 702 Potentially Missed Opportunities in Prevention of Acute Angle-Closure Crisis.. **2022**, 0
- 701 Vision-related Quality of Life in Congolese Patients with Glaucoma. **2022**, 16, 24-30
- 700 Etiología de baja visión y ceguera en siete centros de referencia en Colombia entre los años 2012 a 2017. **2022**, 13,
- 699 Glaucoma - Risk factors and current challenges in the diagnosis of a leading cause of visual impairment. **2022**, 1
- 698 Vision-related quality of life in patients with glaucoma: the role of illness perceptions.. **2022**, 20, 78
- 697 Screening for angle-closure disease in the community: A review. 1, 34-41
- 696 Myocilin Gene Mutation Induced Autophagy Activation Causes Dysfunction of Trabecular Meshwork Cells. **2022**, 10, 0
- 695 Predictive Factors of Outcomes in Kahook Dual Blade Excisional Goniotomy Combined with Phacoemulsification. **2022**, 16, 47-52 0
- 694 El polimorfismo de un solo nucleótido rs1800795 en el gen IL6 no está asociado con el glaucoma primario de ángulo abierto en la población mexicana. **2022**, 0
- 693 Association between Serum Vitamin D Level and Rates of Structural and Functional Glaucomatous Progression.. **2022**,
- 692 Primary angle-closure glaucoma in "Hand as Foot" teaching.. **2022**,
- 691 Unmet needs in glaucoma therapy: The potential role of hydrogen sulfide and its delivery strategies.. **2022**, 1

- 690 Validation of an autonomous artificial intelligence-based diagnostic system for holistic maculopathy screening in a routine occupational health checkup context.. **2022**, 1 0
- 689 The analysis of the glaucoma screening event results obtained during the World Glaucoma Week in Zagreb, Croatia.. **2022**, 1
- 688 Der Wert des jährlichen Glaukom-Screenings für Erwachsene mit hohem Risiko im Alter von 60 bis 80 Jahren. 1-11
- 687 Statistical Analysis on Time to Blindness of Glaucoma Patients at Jimma University Specialized Hospital: Application of Accelerated Failure Time Model. **2022**, 2022, 1-9
- 686 The rs1800795 single nucleotide polymorphism in the IL6 gene is not associated with primary open angle glaucoma in Mexican population.. **2022**,
- 685 The genetic basis for adult onset glaucoma: Recent advances and future directions.. **2022**, 101066 1
- 684 Editorial: Glaucoma and Brain: Impact of Neurodegeneration on Visual Abilities and Related Biomarkers. **2022**, 14,
- 683 Association of Diabetes Medication With Open-Angle Glaucoma, Age-Related Macular Degeneration, and Cataract in the Rotterdam Study.. **2022**, 2
- 682 Hydrogen sulfide supplement preserves mitochondrial function of retinal ganglion cell in a rat glaucoma model.. **2022**,
- 681 Different impact of early and late stages irreversible eye diseases on vision-specific quality of life domains.. **2022**, 12, 8465
- 680 The invisible costs of obstructive sleep apnea (OSA): Systematic review and cost-of-illness analysis.. **2022**, 17, e0268677 0
- 679 Cloud-Based Glaucoma Diagnosis in Medical Imaging Using Machine Learning. **2022**, 61-78
- 678 Hybrid Deep Learning Network to Classify Eye Diseases. **2022**, 1
- 677 Adverse effects and Safety in Glaucoma Patients - Agreement on Clinical Trial Outcomes for Reports on Eye Drops (ASGARD) - A Delphi Consensus Statement. **2022**, 1
- 676 Identification and management of glaucoma. **2022**, 33, 17-22
- 675 Integrating genetic regulation and single-cell expression with GWAS prioritizes causal genes and cell types for glaucoma. 0
- 674 Compatibility and Durability of the Gel Stent Material.
- 673 Identification of Immune Infiltration-Related ceRNAs as Novel Biomarkers for Prognosis of Patients With Primary Open-Angle Glaucoma. **2022**, 13,

- 672 Perceptual Grouping During Binocular Rivalry in Mild Glaucoma. **2022**, 14, 0
- 671 Ambulatory and hospital care of glaucoma in Spain and associated medical costs. 1-19
- 670 Deep sparse autoencoder integrated with three-stage framework for glaucoma diagnosis. 1
- 669 Evaluating machine learning classifiers for glaucoma referral decision support in primary care settings. **2022**, 12, 1
- 668 Can ultrasonic biometric indices with optimal cut-offs be a potential screening tool for primary angle closure disease? A case-control study.
- 667 Assessment of knowledge, attitude, and practice of glaucoma among different cadres of optometrists. **2022**, 70, 2014
- 666 Cost-Utility Analysis of Minimally Invasive Glaucoma Surgeries for Patients with Mild-to-Moderate Primary Open-Angle Glaucoma in Rural and Urban China.
- 665 Computerized biofeedback to characterize Pupil Cycle Time (PCT) in neuropathies and retinopathies.
- 664 Screening for Glaucoma. **2022**, 327, 1961
- 663 Machine learning identifying peripheral circulating metabolites associated with intraocular pressure alterations. [bjophthalmol-2021-320584](#)
- 662 An Evaluation of the Physicochemical Properties of Preservative-Free 0.005% (w/v) Latanoprost Ophthalmic Solutions, and the Impact on In Vitro Human Conjunctival Goblet Cell Survival. **2022**, 11, 3137 0
- 661 Subtenon triamcinolone as an adjuvant in mitomycin-C-enhanced trabeculectomy in non-inflammatory glaucomas: A randomized clinical trial. **2022**, 17, e0268623
- 660 Type 2 Diabetes, Fasting Glucose, Hemoglobin A1c Levels and Risk of Primary Open-Angle Glaucoma: A Mendelian Randomization Study. **2022**, 63, 37 0
- 659 Thrombospondin-1 Signaling Through the Calreticulin/LDL Receptor Related Protein 1 Axis: Functions and Possible Roles in Glaucoma. **2022**, 10,
- 658 Corneal Hysteresis, Intraocular Pressure, and Progression of Glaucoma: Time for a "MySt-Oric" Change in Clinical Practice?. **2022**, 11, 2895 0
- 657 Whitecoat Adherence in Patients With Primary Open-Angle Glaucoma. **2022**, 9,
- 656 Identifying Glaucoma in Primary Care Offices.
- 655 Effects of netarsudil-family Rho kinase inhibitors on human trabecular meshwork cell contractility and actin remodeling using a bioengineered ECM hydrogel.

- 654 Physicochemical and Stability Evaluation of Topical Niosomal Encapsulating Fosinopril/ β Cyclodextrin Complex for Ocular Delivery. **2022**, 14, 1147 0
- 653 Gonioscopy-assisted Transluminal Trabeculotomy (GATT) combined phacoemulsification surgery: Outcomes at a 2-year follow-up. 0
- 652 Treatment of Open-Angle Glaucoma and Ocular Hypertension with the Fixed-Dose Combination of Preservative-Free Tafluprost/Timolol: Clinical Outcomes from Ophthalmology Clinics in Italy. Volume 16, 1707-1719
- 651 A deep-learning system predicts glaucoma incidence and progression using retinal photographs. **2022**, 132, 2
- 650 MTCLF: A multitask curriculum learning framework for unbiased glaucoma screenings. **2022**, 221, 106910
- 649 Biomechanics of human trabecular meshwork in healthy and glaucoma eyes via dynamic Schlemm's canal pressurization. **2022**, 221, 106921 2
- 648 Glaucoma and Dry Eye Syndrome: Double Trouble. **2023**, 147-152
- 647 PAPILA: Dataset with fundus images and clinical data of both eyes of the same patient for glaucoma assessment. **2022**, 9, 1
- 646 Interleukin-17A Modulates Retinal Inflammation Through Regulating Microglial Activation Via the P38 MAPK Pathway in Experimental Glaucoma Neuropathy.
- 645 Degeneration of retina-brain components and connections in glaucoma: Disease causation and treatment options for eyesight preservation. **2022**, 3, 100037 0
- 644 Artificial Intelligence in Ophthalmology. **2022**, 149-173
- 643 Differential Retinal Ganglion Cell Vulnerability, A Critical Clue for the Identification of Neuroprotective Genes in Glaucoma. 2,
- 642 Transgene expression of Stanniocalcin-1 provides sustained intraocular pressure reduction by increasing outflow facility. **2022**, 17, e0269261
- 641 A Review of Autonomous Glaucomatous Grading via OCT Imagery. **2022**,
- 640 Minimally invasive trabecular meshwork surgery for open-angle glaucoma. **2022**, 2022,
- 639 Rho kinase inhibitor for primary open-angle glaucoma and ocular hypertension. **2022**, 2022, 0
- 638 Evaluation of morphometric parameters of the optic disc in patients with diverse clinical forms of openangle glaucoma. **2022**, 15, 24-30
- 637 Glaucoma and cognitive function trajectories in a population-based study: Findings from the health and retirement study.

- 636 Ocular Tolerability of Bimatoprost 0.1 mg/mL Preservative-Free versus Bimatoprost 0.1 mg/mL with Benzalkonium Chloride or Bimatoprost 0.3 mg/mL Preservative-Free in Patients with Primary Open-Angle Glaucoma. **2022**, 11, 3518 ○
- 635 Silicone Oil-Induced Glaucomatous Neurodegeneration in Rhesus Macaques.
- 634 Glaukombehandlung mittels transskleraler Zyklophotokoagulation in Mikropulstechnik in einem *low-income setting* ○
- 633 Angle Closure Glaucoma—Update on Treatment Paradigms.
- 632 Smartphone-Acquired Anterior Segment Images for Deep Learning Prediction of Anterior Chamber Depth: A Proof-of-Concept Study. 9,
- 631 Structural and Metabolic Imaging after Short-term Use of the Balance Goggles System in Glaucoma Patients: A Pilot Study. Publish Ahead of Print, ○
- 630 Glaukomversorgung in Deutschland—Ergebnisse einer Mitglieder-Umfrage von DOG und BVA: Teil 2: Therapie. ○
- 629 Psychometric Evaluation of Glaucoma Quality of Life Item Banks (GluCAT) and Initial Assessment Using Computerized Adaptive Testing. **2022**, 11, 9
- 628 Glaucoma Rose Plot Analysis: Detecting Early Structural Progression Using Angular Histograms. **2022**,
- 627 Energy Dose-Response in Selective Laser Trabeculoplasty: A Review. Publish Ahead of Print,
- 626 Comparison of Vascular Density and Structural Patterns Between POAG and PACG. Publish Ahead of Print,
- 625 YAP/TAZ Promote Fibrotic Activity in Human Trabecular Meshwork Cells by Sensing Cytoskeleton Structure Alternation. **2022**, 10, 235 ○
- 624 Rational Design of Microfluidic Glaucoma Stent. **2022**, 13, 978
- 623 Histological and molecular characterization of glaucoma model induced by one or two injections of microbeads to the anterior chamber of mice. 1
- 622 Perfusion of the iris after selective laser trabeculoplasty: optical coherent tomography angiography data. **2022**, 15, 93-97
- 621 Quantifying biomarkers of axonal degeneration in early glaucoma to find the disc at risk. **2022**, 12, ○
- 620 Comparison of machine learning approaches for structure–function modeling in glaucoma.
- 619 Risk of surgical failure and hemorrhagic complications associated with antithrombotic medication in glaucoma surgery.

618 Predictors of Early Onset Glaucoma. Volume 16, 1925-1932

617 Neurofilament light chain: a new marker for neuronal decay in the anterior chamber fluid of patients with glaucoma. *bjophthalmol-2021-320828*

1

616 Glaucoma cases reported post-COVID-19 vaccination : A VAERS database analysis.

615 Glaucoma genetic risk scores in the Million Veteran Program. *Ophthalmology*, **2022**,

7.3 0

614 CircXPO5 Plays a Neuroprotective Function in the Lateral Geniculate Nucleus of Glaucoma by Regulating GRIN2A. **2022**, 12, 780

613 Identification and characterization of novel hydrolytic degradation products of netarsudil by LC-Q-TOF-MS/MS: In silico toxicity prediction. 1-9

612 The association of female reproductive factors with glaucoma and related traits: A systematic review. **2022**,

611 YAP/TAZ mediate TGF β -induced Schlemm's canal cell dysfunction.

0

610 It Is All about Pressure. **2022**, 11, 3640

609 Comparison Between the Recommendations of Glaucoma Specialists and OCT Report Specialists For Further Ophthalmic Evaluation in a Community-Based Screening Study. **2022**,

0

608 Evaluation of Compliance Issues to Anti-glaucoma Medications Before and After a Structured Interventional Program. **2022**,

1

607 Three-Dimensional Multi-Task Deep Learning Model to Detect Glaucomatous Optic Neuropathy and Myopic Features From Optical Coherence Tomography Scans: A Retrospective Multi-Centre Study. 9,

0

606 Bidirectional association between glaucoma and chronic kidney disease: A systematic review and meta-analysis. **2022**, 49, 101498

2

605 A Brazilian cost-utility analysis of trabecular micro-bypass with iStent inject' \square for the treatment of open-angle glaucoma. **2022**, 81,

0

604 Femtosecond Laser-assisted Cataract Surgery in Patients With Prior Glaucoma Surgery. **2022**, 31, 547-556

0

603 Ultrasound Cyclo Plasty After Failed Glaucoma Surgery: Outcomes and Complications. **2022**, 11, 1601-1610

1

602 High Blood Pressure and Intraocular Pressure: A Mendelian Randomization Study. **2022**, 63, 29

0

601 The Prevalence of Glaucoma in the Jirel Ethnic Group of Nepal. 2,

- 600 Retinal ganglion cell-specific genetic regulation in primary open-angle glaucoma. **2022**, 2, 100142 ○
- 599 Early Glaucoma Detection By Using Style-Transfer to Predict Retinal Nerve Fiber Layer Thickness Distribution on Fundus Photograph. **2022**, 100180 ○
- 598 Investigation of the Role of Convolutional Neural Network Architectures in the Diagnosis of Glaucoma using Color Fundus Photography. **2022**, 52, 193-200
- 597 The current use of glaucoma virtual clinics in Europe.
- 596 Ab-externo XEN gel stent implantation in primary open-angle glaucoma: 6-month follow-up. **2022**, 4, 171-178
- 595 Decision Trees for Glaucoma Screening Based on the Asymmetry of the Retinal Nerve Fiber Layer in Optical Coherence Tomography. **2022**, 22, 4842
- 594 Transconjunctival XEN45 Implantation for Glaucoma Performed at the Slit Lamp: A Pilot Study. Publish Ahead of Print,
- 593 Glaucoma avanzado. Guía de práctica clínica. **2022**,
- 592 CO2 Laser-Assisted Sclerectomy Surgery Alone or Combined with Phacoemulsification in Primary Open-Angle Glaucoma: Comparison of 1-Year Outcomes.
- 591 Risk factors for glaucoma are reflected in abnormal responses to frequency-doubling technology screening in both normal and glaucoma eyes. **2022**, 12,
- 590 Effects of Netarsudil-Family Rho Kinase Inhibitors on Human Trabecular Meshwork Cell Contractility and Actin Remodeling Using a Bioengineered ECM Hydrogel. 2, 1 ○
- 589 Pupillary response to chromatic light stimuli as a possible biomarker at the early stage of glaucoma: a review.
- 588 Novel Osmoprotective DOPC-DMPC Liposomes Loaded with Antihypertensive Drugs as Potential Strategy for Glaucoma Treatment. **2022**, 14, 1405 ○
- 587 Progresión en glaucoma. Guía de práctica clínica. **2022**,
- 586 Parapapillary choroidal microvascular density in acute primary angle-closure and primary open-angle glaucoma: an optical coherence tomography angiography study. *bjophthalmol-2021-321022* ○
- 585 Trabekulektomie mit Mitomycin´ C und Ologen´ -Implantat im Vergleich zur klassischen Trabekulektomie.
- 584 Mechanistic Effects of Baicalein on Aqueous Humor Drainage and Intraocular Pressure. **2022**, 23, 7372 1
- 583 Bionic eye system mimicking microfluidic structure and intraocular pressure for glaucoma surgery training. **2022**, 17, e0271171

- 582 Implicating Causal Brain Magnetic Resonance Imaging in Glaucoma Using Mendelian Randomization. 9, 0
- 581 A Review of Selective Laser Trabeculoplasty: "The Hype Is Real" 2022, 11, 3879
- 580 Depicting Developing Trend and Core Knowledge of Primary Open-Angle Glaucoma: A Bibliometric and Visualized Analysis. 9, 0
- 579 The efficacy of XEN gel stent implantation in glaucoma: a systematic review and meta-analysis. 2022, 22, 0
- 578 Linking medicinal cannabis to autotaxin-lysophosphatic acid signaling.
- 577 Five-year incidence of primary glaucoma and related risk factors "The Handan eye study. 1
- 576 Gonioscopy Assisted Transluminal Trabeculotomy: A Boon to Developing Nations" A Systematic Review. 1-5
- 575 Trace elements composition of the scleral shell of the eye in various forms of glaucoma. 2022, 15, 142-149
- 574 External Validation and Clinical Applicability of Two Optical Coherence Tomography-Based Risk Calculators for Detecting Glaucoma. 2022, 11, 14
- 573 Investigation of Biomedical Students' Knowledge on Glaucoma Reveals a Need for Education: A Cross-Sectional Study. 2022, 10, 1241
- 572 Retinal Glaucoma Public Datasets: What Do We Have and What Is Missing?. 2022, 11, 3850 0
- 571 Glaucoma in rural China (the Rural Epidemiology for Glaucoma in China (REG-China)): a national cross-sectional study. *bjophthalmol-2021-320754* 0
- 570 Cholesterol homeostasis regulated by ABCA1 is critical for retinal ganglion cell survival. 1
- 569 Foveal crowding appears to be robust to normal aging and glaucoma unlike parafoveal and peripheral crowding. 2022, 22, 10
- 568 Age-Related Eye Diseases in Individuals With Mild Cognitive Impairment and Alzheimer's Disease. 14,
- 567 Effect of a patient educational video on visual field test reliability. 2022, 4, 123-136
- 566 A comparative analysis of intraocular pressure measurement results by the TVGD-02 tonometer (EASYTON) and the Goldman tonometer in ethnic Asians residing in Kazakhstan. 2022, 15, 135-141
- 565 Elevated endothelin-1 levels as risk factor for an impaired ocular blood flow measured by OCT-A in glaucoma. 2022, 12,

- 564 Disease Burden of Glaucoma in China: Findings from the Global Burden of Disease 2019 Study. Volume 14, 827-834 1
- 563 Hub Gene Screening Associated with Early Glaucoma: An Integrated Bioinformatics Analysis. **2022**, 2022, 1-10
- 562 Technological advances in ocular trabecular meshwork in vitro models for glaucoma research.
- 561 Nanoparticles for the treatment of glaucoma-associated neuroinflammation. **2022**, 9,
- 560 Regulatory mechanisms of retinal ganglion cell death in normal tension glaucoma and potential therapies. **2023**, 18, 87
- 559 Neuroaxonal and cellular damage/protection by prostanoid receptor ligands, fatty acid derivatives and associated enzyme inhibitors. **2023**, 18, 5 0
- 558 Quantitative analysis of exosomes in the aqueous humor of Korean patients with pseudoexfoliation glaucoma. **2022**, 12, 0
- 557 Emergency Department Presentations of Acute Primary Angle Closure in the United States from 2008 to 2017. Volume 16, 2341-2351
- 556 Remodeling of the Lamina Cribrosa: Mechanisms and Potential Therapeutic Approaches for Glaucoma. **2022**, 23, 8068 1
- 555 Primary anterior chamber angle closure: progression from suspect to glaucoma. Part 1. Frequency and rate of transition from suspected primary angle closure to true angle closure and primary angle closure glaucoma. **2022**, 138, 102
- 554 The Discontinuation Effect of Topical Prednisolone on Extracellular Matrix Trabecular Meshwork in Wistar Rat. **2022**, 1, 16-20
- 553 Bivariate Survival Copula Analysis of Glaucoma Patients during Blindness: Glaucoma Cases at Alert Hospital in Addis Ababa City of Ethiopia. **2022**, 22, e00547-e00547
- 552 Modeling Time to Blindness of Glaucoma Patients: A Case Study at Jimma University Medical Center. **2022**, 22, e00548-e00548
- 551 Mimicking chronic glaucoma over 6 months with a single intracameral injection of dexamethasone/fibronectin-loaded PLGA microspheres. **2022**, 29, 2357-2374 2
- 550 A Multicenter Clinical Study of the Automated Fundus Screening Algorithm. **2022**, 11, 22 0
- 549 Risk factors for intraocular pressure elevation in a six-month period after ab interno trabeculotomy using a Kahook Dual Blade. **2022**, 22, 0
- 548 Pointwise and Region-Wise Course of Visual Field Loss in Patients With Glaucoma. **2022**, 11, 20
- 547 Practical Application of Artificial Intelligence Technology in Glaucoma Diagnosis. **2022**, 2022, 1-12

546	Multi-task deep learning for glaucoma detection from color fundus images. 2022 , 12,	0
545	Clinical Tear Fluid ProteomicsâA Novel Tool in Glaucoma Research. 2022 , 23, 8136	1
544	Add-on Effect of Prostaglandin Analogues in Dorzolamide/Timolol Fixed Combination Treated Primary Open Angle Glaucoma Patients. 2022 , 63, 700-706	
543	Wound Healing Response After Bleb-Forming Glaucoma Surgery With a SIBS Microshunt in Rabbits. 2022 , 11, 29	
542	Oxidative Stress, Neuroinflammation and Neurodegeneration: The Chicken, the Egg and the Dinosaur. 2022 , 11, 1554	1
541	Age-related differences in ocular features of a naturalistic free-ranging population of rhesus macaques.	0
540	Real-Time Risk Score for Glaucoma Mass Screening by Spectral Domain Optical Coherence Tomography: Development and Validation. 2022 , 11, 8	0
539	Emerging drugs for the treatment of glaucoma: a review of phase II & III trials. 1-11	
538	Terrestrial health applications of visual assessment technology and machine learning in spaceflight associated neuro-ocular syndrome. 2022 , 8,	3
537	Elevated IOP Alters the Material Properties of Sclera and Lamina Cribrosa in Monkeys. 2022 , 2022, 1-16	
536	Variation in intraocular pressure by sex, age, and geographic location in China: A nationwide study of 284,937 adults. 13,	
535	Risk factors of surgical failure in combined phacoemulsification and excisional goniotomy for angle-closure glaucoma.	0
534	PreserFloâMicroShunt Versus Trabeculectomy in Patients With Moderate to Advanced Open-Angle Glaucoma: 12-Month Follow-Up of a Single-Center Prospective Study. 2022 ,	0
533	Effects of Ocular Hypertension on Cytoskeleton and Stiffness of Trabecular Meshwork Cells in Rats. 2022 , 12, 7862	0
532	An IoT based predictive modeling for Glaucoma detection in optical coherence tomography images using hybrid genetic algorithm.	1
531	Covalent Organic Framework (COF): A Drug and Carrier to Attenuate Retinal Ganglion Cells Death in an Acute Glaucoma Mouse Model. 2022 , 14, 3265	
530	Deep learning: applications in retinal and optic nerve diseases. 1-10	1
529	A New Contact Lens Sensor System for Continuous Intraocular Pressure Monitoring: Evaluation of Safety and Tolerability. 2022 , Publish Ahead of Print,	

- 528 Glaucoma and Cataract in Multiple Sclerosis. **2022**, 9,
- 527 Outcomes and risk factors for ab interno trabeculotomy with a Kahook Dual Blade. 0
- 526 Prediagnostic Plasma Metabolomics and the Risk of Exfoliation Glaucoma. **2022**, 63, 15
- 525 Smoking as a risk factor for visual field progression in exfoliation glaucoma patients in Sweden.
- 524 Retinal vascular density changes following phacoemulsification versus phacotrabeculectomy for primary angle-closure glaucoma: A comparative study.
- 523 Associations Between Glaucoma and All-cause Mortality in the Middle-Aged and Older Chinese Population: Results from the China Health and Retirement Longitudinal Study.
- 522 Same-site trabeculectomy with mitomycin and Ologen[®] following failed non-penetrating deep sclerectomy. 112067212211184
- 521 Genome-Wide Association Study Finds Multiple Loci Associated with Intraocular Pressure in HS Rats.
- 520 Single-cell transcriptome analysis of regenerating RGCs reveals potent glaucoma neural repair genes. **2022**, 110, 2646-2663.e6 1
- 519 Identification of Nitric Oxide-Donating Ripasudil Derivatives with Intraocular Pressure Lowering and Retinal Ganglion Cell Protection Activities. 0
- 518 Clinical and Genetic Analysis of Retinitis Pigmentosa with Primary Angle Closure Glaucoma in the Chinese Population. **2022**, 47, 1339-1345
- 517 Automated Expert-level Scleral Spur Detection and Quantitative Biometric Analysis on the ANTERION Anterior Segment OCT System.
- 516 24-2 SITA Standard versus 24-2 SITA Faster in perimetry-naïve normal subjects. **2022**,
- 515 Pathologically high intraocular pressure disturbs normal iron homeostasis and leads to retinal ganglion cell ferroptosis in glaucoma. 1
- 514 IL-22/IL-22RA1 promotes human Tenon's capsule fibroblasts proliferation and regulates fibrosis through STAT3 signaling pathway.
- 513 Glaucoma drainage implant exposure: A review of aetiology, risks and repair considerations.
- 512 Widespread retina and optic nerve neuroinflammation in enucleated eyes from glaucoma patients. **2022**, 10, 0
- 511 Automatic detection of glaucoma via fundus imaging and artificial intelligence: A review. **2022**, 1

510	Clinical Practice Management of Primary Open-Angle Glaucoma in the United States: An Analysis of Real-World Evidence. Volume 16, 2213-2227	1
509	Apolipoprotein E4 impairs the response of neurodegenerative retinal microglia and prevents neuronal loss in glaucoma. 2022 ,	3
508	Deep Learning and Ensemble Method for Optic Disc and Cup Segmentation. 2022 ,	
507	The Actions of Lithium on Glaucoma and Other Senile Neurodegenerative Diseases Through GSK-3 Inhibition: A Narrative Review. 2022 ,	
506	Ocular Surface Disease and Anti-Glaucoma Medications: Various features, Diagnosis, and Management Guidelines. 1-9	
505	PLA-PEG Implant as a Drug Delivery System in Glaucoma Surgery: Experimental Study. 2022 , 14, 3419	0
504	Laser trabeculoplasty for open-angle glaucoma and ocular hypertension. 2022 , 2022,	0
503	Prevalence and Risk Factors of Glaucoma Among Chinese People.From the China Health and Retirement Longitudinal Study. Publish Ahead of Print,	
502	Inhibitory Effects of 3',4'-Dihydroxyflavonol in a Mouse Model of Glaucoma Filtration Surgery and TGF β -Induced Responses in Human Tenon's Fibroblasts. 2022 , 11, 18	
501	The Impact of Simulation-based Trabeculectomy Training on Resident Core Surgical Skill Competency. Publish Ahead of Print,	0
500	Glaucoma Treatment and Hydrogel: Current Insights and State of the Art. 2022 , 8, 510	2
499	Association between Body Mass Index and Primary Open-Angle Glaucoma in Three Cohorts. 2022 ,	1
498	3D printing in Ophthalmology: From medical implants to personalised medicine. 2022 , 625, 122094	1
497	Topical glaucoma medications âClinical implications for the ocular surface. 2022 , 26, 19-49	1
496	Amination-mediated nano eye-drops with enhanced corneal permeability and effective burst release for acute glaucoma treatment. 2023 , 451, 138620	2
495	Research progress of ferroptosis in glaucoma and optic nerve damage.	0
494	Advanced glaucoma. Clinical practice guideline. 2022 ,	0
493	Determinants of late presentation of glaucoma in Hong Kong.	0

- 492 Co-occurrence of chronic kidney disease and glaucoma: Epidemiology and etiological mechanisms. **2022**, 2
- 491 A cascade eye diseases screening system with interpretability and expandability in ultra-wide field fundus images: A multicentre diagnostic accuracy study. **2022**, 53, 101633 0
- 490 Joint optic disc and cup segmentation using feature fusion and attention. **2022**, 150, 106094 0
- 489 Comparison of microvascular parameters and diagnostic ability of optical coherence tomography angiography between eyes with primary angle closure glaucoma and primary open angle glaucoma. **2022**, 40, 103114 0
- 488 The aging eye and age-related ocular pathologies. **2023**, 319-338 0
- 487 Eye care practices, knowledge, and attitude of glaucoma patients at community eye outreach screening in Nigeria. **2020**, 10, 16 0
- 486 Automated Optic Disc Segmentation Using Basis Splines-Based Active Contour. **2022**, 10, 88152-88163 0
- 485 MIGS in Special Cases. **2022**, 491-502 0
- 484 Diversified Treatment Options of Adult Stem Cells for Optic Neuropathies. **2022**, 31, 096368972211235 0
- 483 Feature Modulating Two-Stream Deep Convolutional Neural Network for Glaucoma Detection in Fundus Images. **2022**, 171-180 0
- 482 PreserFlo microshunt combined with phacoemulsification versus preserflo MicroShunt as a standalone procedure in patients with medically resistant open-angle glaucoma. **2022**, 34, 180 1
- 481 Multimodal Information Fusion for Glaucoma and Diabetic Retinopathy Classification. **2022**, 53-62 0
- 480 Assessment of a Vision-Based Technique for an Automatic Van Herick Measurement System. **2022**, 71, 1-11 0
- 479 Relationship between Androgen Deprivation Therapy and Normal-Tension Glaucoma in Patients with Prostate Cancer: A Nationwide Cohort Study. **2022**, 63, 908 0
- 478 Soft Contact Lens With Embedded Moiré Patterns-Based Intraocular Pressure Sensors. **2022**, 1-6 0
- 477 Is Telehealth Here to Stay? The Role of Telehealth in the Screening, Diagnosis, and Management of Glaucoma. **2022**, 62, 45-50 0
- 476 Pharmacological modulation of wound healing in glaucoma surgery. **2022**, 138, 137 0
- 475 Prevalence of glaucoma in the city of Novi Sad. **2022**, 78-78 0

- 474 Pragmatic adjunctive usage of netarsudil: A retrospective chart review from a tertiary care center. **2022**, 70, 2906 ○
- 473 Current and emerging techniques/technologies in ocular research and drug/device development. **2022**, 509-527 ○
- 472 Pharmacological modulation of wound healing in glaucoma surgery. **2022**, 138, 136 ○
- 471 GlauNet: Glaucoma Diagnosis for OCTA Imaging Using a New CNN Architecture. **2022**, 10, 95613-95622 ○
- 470 Various forms of glaucoma and their treatments. **2022**, 251-288 ○
- 469 Glaucoma pharmacology. **2022**, 289-297 ○
- 468 Quantitative brain-derived neurotrophic factor lateral flow assay for point-of-care detection of glaucoma. **2022**, 22, 3521-3532 ○
- 467 Primary anterior chamber angle closure: progression from suspect to glaucoma. Part 1. Frequency and rate of transition from suspected primary angle closure to true angle closure and primary angle closure glaucoma. **2022**, 138, 101 1
- 466 The rates of visual field progression in glaucoma and its clinical importance. **2022**, 81, ○
- 465 Dataset and Evaluation Algorithm Design for GOALS Challenge. **2022**, 135-142 ○
- 464 Outcomes of ab-interno irrigating goniotomy with trabectome in primary and secondary glaucoma from a single center in India. **2022**, 70, 3569 ○
- 463 Deep Dirichlet Uncertainty for Unsupervised Out-of-Distribution Detection of Eye Fundus Photographs in Glaucoma Screening. **2022**, ○
- 462 Perspective on Gene Therapy for Glaucoma. ○
- 461 Eye Care in the Low Resource Setting. **2022**, 168-200 ○
- 460 Glaucoma Screening: Is AI the Answer?. **2022**, 16, 71-73 ○
- 459 A-scan parameters and risk of phacomorphic glaucoma among kazakh population. ○
- 458 Medium-term Outcomes of Micropulse Transscleral Cyclophotocoagulation in Refractory Glaucoma. **2022**, 16, 91-95 ○
- 457 Efficacy of the XEN45 Implant in Advanced to End-stage Glaucoma Patients. **2022**, 16, 84-90 ○

- 456 Regulation of BMP genes, EMC production and deposition through TGF β /Smad Signaling in Human Trabecular Meshwork for progression of glaucoma disease. ○
- 455 Activation of lesion projection zone in primary visual cortex is dependent on bilateral central vision loss in patients with end-stage glaucoma. **2022**, 42, 1159-1169 ○
- 454 Posture-Induced Changes in Intraocular Pressure after Ab Externo XEN45 Gel-Stent Implantation in Patients with Primary Open-Angle Glaucoma. ○
- 453 Suprachoroidal Hemorrhage after XEN Gel Implant Requiring Surgical Drainage. **2022**, 16, 132-135 ○
- 452 Impact of rs11024102 PLEKHA7, rs3753841 COL11A1 single nucleotide polymorphisms, and serum levels of oxidative stress markers on the risk of primary angle-closure glaucoma in Egyptians. **2022**, 20, ○
- 451 Association of an Objective Structural and Functional Reference Standard for Glaucoma with Quality of Life Outcomes. **2022**, ○
- 450 Racial and Sociodemographic Disparities in Blindness Associated with Primary Angle Closure Glaucoma in the United States: An IRIS[®] Registry Analysis. ○
- 449 Primary Open Angle Glaucoma Prevalence in Europe: A Systematic Review and Meta-Analysis. **2022**, 31, 783-788 1
- 448 Three-year outcomes of a Schlemm canal microstent (Hydrus Microstent) with concomitant phacoemulsification in open-angle glaucoma. **2022**, ○
- 447 Body shape and risk of glaucoma: A Mendelian randomization. 9, 1
- 446 Multiomics analysis reveals the mechanical stress-dependent changes in trabecular meshwork cytoskeletal-extracellular matrix interactions. 10, ○
- 445 Tongqiao Mingmu formula alleviates retinal ganglion cell autophagy through PI3K / AKT / mTOR pathway. ○
- 444 Nanomedicine and drug delivery to the retina: current status and implications for gene therapy. 1
- 443 Cationic liposomes as promising vehicles for Timolol/Brimonidine combination ocular delivery in glaucoma: Formulation development and in vitro/in vivo evaluation. ○
- 442 Detecting glaucoma from multi-modal data using probabilistic deep learning. 9, ○
- 441 Restoration of mitochondria axonal transport by adaptor Disc1 supplementation prevents neurodegeneration and rescues visual function. **2022**, 40, 111324 ○
- 440 Deep multiple instance learning for automatic glaucoma prevention and auto-annotation using color fundus photography. ○
- 439 A model for designing intraocular pressure-regulating glaucoma implants. **2022**, 17, e0273672 1

- 438 Classification Algorithms Used in Predicting Glaucoma Progression. **2022**, 10, 1831 ○
- 437 Truncation mutations in MYRF underlie primary angle closure glaucoma. ○
- 436 Deep learning and optical coherence tomography in glaucoma: Bridging the diagnostic gap on structural imaging. 2, ○
- 435 Long-Term Changes in Corneal Endothelial Cell Density after Ex-PRESS Implantation: A Contralateral Eye Study. **2022**, 11, 5555 ○
- 434 Ocular Drug Delivery: Advancements and Innovations. **2022**, 14, 1931 ○
- 433 Effect of Strain on Rodent Glaucoma Models: Magnetic Bead Injection Versus Hydrogel Injection Versus Circumlimbal Suture. **2022**, 11, 31 ○
- 432 Socio-Demographic, lifestyle and eye-related factors associated with quality of life Among people with glaucoma in Serbia. 112067212211286 ○
- 431 The Effect of Oral Citicoline and Docosahexaenoic Acid on the Visual Field of Patients with Glaucoma: A Randomized Trial. **2022**, 12, 1481 ○
- 430 Impact of Systemic Comorbidities on Ocular Hypertension and Open-Angle Glaucoma, in a Population from Spain and Portugal. **2022**, 11, 5649 ○
- 429 Glaucoma Cases Following SARS-CoV-2 Vaccination: A VAERS Database Analysis. **2022**, 10, 1630 ○
- 428 The Role of miR-29 Family in TGF- β -Driven Fibrosis in Glaucomatous Optic Neuropathy. **2022**, 23, 10216 1
- 427 Evaluation of Generative Adversarial Networks for High-Resolution Synthetic Image Generation of Circumpapillary Optical Coherence Tomography Images for Glaucoma. 1
- 426 Glaucoma progression. Clinical practice guide. **2022**, ○
- 425 Electrical, Electromagnetic, Ultrasound Wave Therapies, and Electronic Implants for Neuronal Rejuvenation, Neuroprotection, Axonal Regeneration, and IOP Reduction. ○
- 424 Epidemiology of glaucoma in Burkina Faso: Determination of the prevalence and circulating glaucomatous phenotypes in Ouagadougou. **2022**, ○
- 423 Geometric Modeling of Human Eyes Based on OCT Image of Anterior Segment and Its Application. **2022**, 2, 114-117 ○
- 422 Association of Drugs With Acute Angle Closure. ○
- 421 Ischemia Modified Albumin (IMA) as a New Biomarker in the Ophthalmology Field: A Brief Literature Review. **2022**, 16, ○

420	Clinical characteristics of glaucoma patients with various risk factors. 2022 , 22,	0
419	Ocular pulse amplitude and visual field changes in patients diagnosed with aortic regurgitation.	0
418	Vision Impairment and On-Road Driving. 2022 , 8, 195-216	1
417	Effects of Tafluprost on Ocular Blood Flow.	0
416	Minimally Invasive Glaucoma Surgery in Primary Angle-Closure Glaucoma. 2022 , 11, 460-469	0
415	Meta-Analysis of Dyslipidemia and Blood Lipid Parameters on the Risk of Primary Open-Angle Glaucoma. 2022 , 2022, 1-8	0
414	Effectiveness and safety of hypotensive therapy of primary glaucoma with a Russian generic fixed combination of dorzolamide and timolol. 2022 , 15, 52-60	0
413	Acute exposure to air pollutants increase the risk of acute glaucoma. 2022 , 22,	0
412	Topical ophthalmic administration: Can a drug instilled onto the ocular surface exert an effect at the back of the eye?. 2,	1
411	The effect of hypotensive drugs on intraocular lenses clarity.	0
410	Intrinsically photosensitive retinal ganglion cells in glaucoma. 16,	0
409	Review on Cost of Anti-Glaucoma Formulation Available in India. 2022 , 15, 1213-1225	0
408	Risk factors for late presentation among glaucoma patients attending three referral hospitals in South-East Nigeria: caseâcontrol study. 2022 , 9,	0
407	Perioperative Care of the Patient with Eye Pathologies Undergoing Nonocular Surgery. 2022 ,	0
406	Corvis Biomechanical Factor Facilitates the Detection of Primary Angle Closure Glaucoma. 2022 , 11, 7	0
405	Introduced chemokine gradients guide transplanted and regenerated retinal neurons toward their natural position in the retina.	0
404	Transplanted Human iPSC-derived Retinal Ganglion Cells Integrate into Mouse Retinas and are Electrophysiologically Functional. 2022 , 105308	0
403	Peripapillary atrophy classification using CNN deep learning for glaucoma screening. 2022 , 17, e0275446	0

- 402 Altered functional connectivity of the thalamus in primary angle-closure glaucoma patients: A resting-state fMRI study. 13, ○
- 401 Aqueous Humor Growth Factor Levels and Trabeculectomy Outcomes in Primary Open-Angle Glaucoma Patients: A 2-Year Prospective Study. **2022**, 11, 2 ○
- 400 ANGPTL7, a therapeutic target for increased intraocular pressure and glaucoma. **2022**, 5, ○
- 399 Precision medicine and glaucoma management: how mathematical modeling and artificial intelligence help in clinical practice. 1-3 ○
- 398 A comparison of iStent combined with phacoemulsification and endocyclophotocoagulation (ICE2) with the PreserFlo MicroShunt and XEN-45 implants. **2022**, 14, 251584142211256 ○
- 397 Amyloid fibrillation of the glaucoma associated myocilin protein is inhibited by epicatechin gallate (ECG). **2022**, 12, 29469-29481 ○
- 396 On refraction shift after trabeculectomy. **2022**, 138, 147 ○
- 395 One-year costs of incisional glaucoma surgery and laser therapy. **2022**, ○
- 394 Healthcare Access and Utilization among Glaucoma Patients in a Nationwide Cohort. Publish Ahead of Print, ○
- 393 Deep Learning in Retinal Diseases Diagnosis. **2022**, 1-34 ○
- 392 Performance of a Glaucoma Screening Program Compared to Opportunistic Detection in China. Publish Ahead of Print, ○
- 391 The Association Between Age and Systemic Variables and the Longitudinal Trend of Intraocular Pressure in a Large-Scale Health Examination Cohort. **2022**, 63, 22 ○
- 390 Role of Oxidative Stress in Retinal Disease and the Early Intervention Strategies: A Review. **2022**, 2022, 1-13 1
- 389 A-Scan Parameters and the Risk of Phacomorphic Glaucoma in the Kazakh Population. **2022**, 58, 1544 ○
- 388 Differences in the Surgical Outcomes of Glaucoma Surgery in Patients of African Caribbean Descent. **2022**, 47, 1567-1577 ○
- 387 The development of a glaucoma-specific health-related quality of life item bank supporting a novel computerized adaptive testing system in Asia. **2022**, 6, ○
- 386 Predicting a reduction in intraocular pressure in glaucoma patients in the early period after a trabeculectomy: Development and assessment of a new predictive nomogram. 2, ○
- 385 XEN[®] implantation: an effective strategy to stop glaucoma progression despite prior minimally invasive glaucoma surgery. ○

- 384 Time-Frequency Analysis of ERG With Discrete Wavelet Transform and Matching Pursuits for Glaucoma. **2022**, 11, 19 ○
- 383 Ex Vivo Integration of Human Stem Retinal Ganglion Cells into the Mouse Retina. **2022**, 11, 3241 1
- 382 The neuroprotective effect of melatonin in glutamate excitotoxicity of R28 cells and mouse retinal ganglion cells. 13, ○
- 381 The impact of topical NSAID treatment on selective laser trabeculoplasty efficacy. ○
- 380 GABA decrease is associated with degraded neural specificity in the visual cortex of glaucoma patients. ○
- 379 Repurposing Antihypertensive Drugs for the Prevention of Glaucoma: A Mendelian Randomization Study. **2022**, 11, 32 ○
- 378 The upcoming role of Artificial Intelligence (AI) for retinal and glaucomatous diseases. **2022**, ○
- 377 The Topographic Relationship Between Choroidal Microvascular Dropout and Glaucomatous Damage in Primary Angle-Closure Glaucoma. **2022**, 11, 20 ○
- 376 Defining the role of ab externo Xen gel stent in glaucomatous eyes with prior failed surgical intervention. ○
- 375 Recent trends in treatment and associated costs of primary angle-closure glaucoma: A Retrospective Cohort Study. **2022**, ○
- 374 A multicenter prospective comparative study evaluating cataract surgery and endoscopic cyclophotocoagulation either with or without iStent inject implantation in Brazilian patients with glaucoma. ○
- 373 Heat Shock Protein Upregulation Supplemental to Complex mRNA Alterations in Autoimmune Glaucoma. **2022**, 12, 1538 ○
- 372 Combination of Trabeculectomy and Primary Pars Plana Vitrectomy in the Successful Treatment of Angle-Closure Glaucoma with BEST1 Mutations: Self-Controlled Case Series. **2022**, 11, 2271-2284 ○
- 371 Two Year Functional and Structural Changes—A Comparison between Trabeculectomy and XEN Microstent Implantation Using Spectral Domain Optical Coherence Tomography. **2022**, 11, 5840 ○
- 370 Dendritic Branching of Retinal Ganglion Cells as a Biomarker of Glaucomatous Optic Neuropathy and Alzheimer's Disease and a Target of Neuroprotective Therapy. **2022**, 19, 532-540 ○
- 369 Changes in Anterior Segment Parameters After Laser Peripheral Iridotomy in Caucasian Eyes with Different Primary Angle-closure Mechanisms. ○
- 368 Assessing Usability of Smartwatch Digital Health Devices for Home Blood Pressure Monitoring among Glaucoma Patients. **2022**, 9, 79 ○
- 367 Specifications of the ACMG/AMP variant curation guidelines for myocilin: Recommendations from the clingen glaucoma expert panel. ○

- 366 Evaluation of Blood Flow Parameters of the Macular Area and Optic Disc in Patients with Combination of Glaucoma and Axial Myopia. **2022**, 19, 638-646 ○
- 365 Neuroprotective Properties of Chlorogenic Acid and 4,5-Caffeoylquinic Acid from Brazilian arnica (*Lychnophora ericoides*) after Acute Retinal Ischemia. ○
- 364 Detecting Glaucoma from Fundus Photographs Using Deep Learning without Convolutions: Transformer for Improved Generalization. **2022**, 100233 ○
- 363 Zinc Oxide Tetrapods Modulate Wound Healing and Cytokine Release In Vitro—A New Antiproliferative Substance in Glaucoma Filtering Surgery. **2022**, 12, 1691 2
- 362 Cost effectiveness of prophylactic Laser Peripheral Iridotomy in Primary Angle Closure Suspects. **2022**, ○
- 361 The potential of chalcone derivatives as human carbonic anhydrase inhibitors in the therapy of glaucoma. **2022**, 31, 2103-2118 ○
- 360 Bleb-related infection after primary trabeculectomy: medical chart reviews from 1993 to 2021. *bjophthalmol-2022-32142* ○
- 359 Trends in development and quality assessment of pharmaceutical formulations - F2 analogues in the glaucoma treatment. **2022**, 106315 ○
- 358 Combined Model of OCT Angiography and Structural OCT Parameters to Predict Paracentral Visual Field Loss in Primary Open-Angle Glaucoma. **2022**, ○
- 357 Molecular determinants of mitochondrial shape and function and their role in glaucoma. ○
- 356 Valdecoxib Protects against Cell Apoptosis Induced by Endoplasmic Reticulum Stress via the Inhibition of PERK-ATF4-CHOP Pathway in Experimental Glaucoma. **2022**, 23, 12983 ○
- 355 Former smoking as a risk factor for visual field progression in exfoliation glaucoma patients in Sweden. ○
- 354 Evaluations of aqueous humor protein markers in different types of glaucoma. **2022**, 101, e31048 ○
- 353 Mendelian randomization study updates the effect of hypertension on the risk of primary open-angle glaucoma. ○
- 352 Effectiveness and Safety of iStent infinite Trabecular Micro-Bypass For Uncontrolled Glaucoma. Publish Ahead of Print, ○
- 351 Pregabalin Mediates Retinal Ganglion Cell Survival From Retinal Ischemia/Reperfusion Injury Via the Akt/GSK3β/Catenin Signaling Pathway. **2022**, 63, 7 ○
- 350 Engagement in the MI-SIGHT Glaucoma Screening Program: Comparing the Effect of Clinic Versus Community-Based Recruitment Strategies. **2022**, ○
- 349 Neurodegeneration Markers Galectin-3 and Apolipoprotein E Are Elevated in the Aqueous Humor of Eyes With Glaucoma. **2022**, 11, 1 ○

- 348 Prognostic factors for predicting progression of open angle glaucoma in adults. **2022**, 2022, ○
- 347 Causal factors in primary open angle glaucoma: a phenome-wide Mendelian randomisation study. ○
- 346 Potential for Collider Bias in Studies Examining the Association of Central Corneal Thickness With Glaucoma. **2022**, 63, 3 ○
- 345 Glaucoma and Ocular Surface Disease: More than Meets the Eye. Volume 16, 3641-3649 ○
- 344 Conjunctival advancement for management of hypotony maculopathy after trabeculectomy. **2022**, 15, e251718 ○
- 343 Association of sleep behaviour and pattern with the risk of glaucoma: a prospective cohort study in the UK Biobank. **2022**, 12, e063676 1
- 342 Treatment adherence and associated factors among glaucoma patients attending Ophthalmic units of referral hospitals in North West Ethiopia, 2019. 2, ○
- 341 Microglia activation in the hippocampus mediates retinal degeneration-induced depressive-like behaviors via the NLRP3/IL-1 β pathway. **2022**, ○
- 340 A multi-feature deep learning system to enhance glaucoma severity diagnosis with high accuracy and fast speed. **2022**, 136, 104233 ○
- 339 Top tips for slit lamp imaging - part 3. **2016**, 2016, 139597-1 ○
- 338 Software report: Deep learning takes to the air. **2017**, 2017, 158224-1 ○
- 337 Changing pressures. **2018**, 2018, 176348-1 ○
- 336 Ultrasound cycloplasty: a case series examining the efficacy on a local Malaysian cohort of patients. **2022**, 4, 262-271 ○
- 335 Birefringent Properties of the Peripapillary Retinal Nerve Fiber Layer in Healthy and Glaucoma Subjects Analyzed by Polarization-Sensitive OCT. **2022**, 63, 8 ○
- 334 Controlling the Adsorption and Release of Ocular Drugs in Metal-Organic Frameworks: Effect of Polar Functional Groups. ○
- 333 Glycosaminoglycans Influence Extracellular Matrix of Human Trabecular Meshwork Cells Cultured on 3D Scaffolds. 1
- 332 An Altered Neurovascular System in Aging-Related Eye Diseases. **2022**, 23, 14104 ○
- 331 Deep-learning-aided Diagnosis of DR, AMD, and Glaucoma based on Structural and Angiographic Optical Coherence Tomography. **2022**, 100245 ○

- 330 Design, Synthesis and Evaluation of Novel Molecular Hybrids between Antiglaucoma Drugs and H2S Donors. **2022**, 23, 13804 ○
- 329 Epigallocatechin-3-Gallate Protects Trabecular Meshwork Cells from Endoplasmic Reticulum Stress. **2022**, 2022, 1-9 ○
- 328 Dynamic analysis of iris changes and a deep learning system for automated angle-closure classification based on AS-OCT videos. **2022**, 9, ○
- 327 Pathogenesis of Glaucoma. **2022**, 2, 1803-1810 ○
- 326 Prevalence of Glaucoma and Its Systemic Risk Factors in a General Japanese Population: The Hisayama Study. **2022**, 11, 11 ○
- 325 Optic disc drusen in patients diagnosed with normal tension glaucoma. ○
- 324 DDLSNet: A novel deep learning-based system for grading fundus images for glaucomatous damage. **2022**, 100255 ○
- 323 Combined Surgery Versus Phacoemulsification Alone for Patients with Primary Angle-Closure Glaucoma: A meta-analysis. 1-8 ○
- 322 Asynchronous feature regularization and cross-modal distillation for OCT based glaucoma diagnosis. **2022**, 106283 ○
- 321 Beeinflusst Diabetes mellitus die Adhärenz von Glaukom-Patienten?. ○
- 320 In Vitro Evaluation of Zinc Oxide Tetrapods as a New Material Component for Glaucoma Implants. **2022**, 12, 1805 ○
- 319 Maprotiline restores ER homeostasis and rescues neurodegeneration via Histamine Receptor H1 inhibition in retinal ganglion cells. **2022**, 13, ○
- 318 cGMP Signaling in the Neurovascular Unit—Implications for Retinal Ganglion Cell Survival in Glaucoma. **2022**, 12, 1671 ○
- 317 Outcomes and Predictors of Failure of Ultrasound Cyclo Plasty for Primary Open-Angle Glaucoma. **2022**, 11, 6770 ○
- 316 CDRNet: accurate cup-to-disc ratio measurement with tight bounding box supervision in fundus photography using deep learning. ○
- 315 Glaucomatous optic neuropathy: Mitochondrial dynamics, dysfunction and protection in retinal ganglion cells. **2022**, 101136 3
- 314 YAP/TAZ Mediate TGF β -Induced Schlemm's Canal Cell Dysfunction. **2022**, 63, 15 1
- 313 Ocular Characteristics of Home Care Patients Over the Age of 65 Who Are on the Verge of Developing Ocular Diseases. ○

- 312 Safety and efficacy of micropulse transscleral cyclophotocoagulation: 2-year follow-up in a tertiary Canadian centre. **2022**, ○
- 311 Unsupervised Domain Adaptation with Shape Constraint and Triple Attention for Joint Optic Disc and Cup Segmentation. **2022**, 22, 8748 ○
- 310 The heterogeneity of astrocytes in glaucoma. 16, ○
- 309 Updates on the Diagnosis and Management of Glaucoma. **2022**, 6, 618-635 3
- 308 Study of choroidal vasculature in open angle glaucoma patients. **2022**, 40, 103182 ○
- 307 Commentary: Glaucoma in patients aged less than 40 years: A growing concern. **2022**, 70, 4193 ○
- 306 Awareness about Glaucoma and Impact of Short Education among Patients Visiting Ophthalmology Outpatient Department at a Tertiary Care Hospital. **2022**, 60, 284 ○
- 305 Valproate reduces retinal ganglion cell apoptosis in rats after optic nerve crush. **2023**, 18, 1607 ○
- 304 Accelerating precision ophthalmology: recent advances. **2022**, 7, 150-161 ○
- 303 Current situation and progress of drugs for reducing intraocular pressure. **2022**, 13, 204062232211403 ○
- 302 Potential Role of Lycium barbarum polysaccharides in glaucoma management: evidence from preclinical in vivo studies. **2022**, 0 ○
- 301 Comparative evaluation of outcomes of novel approach of subconjunctival Mitomycin C (MMC) injection at the end of trabeculectomy versus intraTenon injection of MMC prior to the initial conjunctival incision – A pilot study. **2022**, 70, 4194 ○
- 300 Do motivational cards really benefit sibling screening of primary open-angle glaucoma probands?. **2022**, 70, 4158 ○
- 299 Analysis of aerobic exercise influence on intraocular pressure and ocular perfusion pressure in patients with primary open-angle glaucoma: A randomized clinical trial. **2022**, 70, 4228 ○
- 298 Comparison of peripapillary capillary plexus using optical coherence tomography angiography and retinal nerve fibre layer analysis using spectral domain optical coherence tomography in glaucoma patients, glaucoma suspects, and healthy subjects. **2022**, 70, 4146 ○
- 297 Vision Transformers Based Classification for Glaucomatous Eye Condition. **2022**, ○
- 296 Detection of Glaucoma on Fundus Images Using Deep Learning on a New Image Set Obtained with a Smartphone and Handheld Ophthalmoscope. **2022**, 10, 2345 1
- 295 Handheld chromatic pupillometry can reliably detect functional glaucomatous damage in eyes with high myopia. ○

- 294 Peripheral visual field loss and activities of daily living. Publish Ahead of Print, ○
- 293 Pharmacogenetics and pharmacogenomics in glaucoma therapeutics: the way to personalized therapy. Publish Ahead of Print, ○
- 292 Glaucoma Is Associated with the Risk of Obstructive Sleep Apnea: A Population-Based Nationwide Cohort Study. **2022**, 12, 2992 ○
- 291 Neuroprotection of Rodent and Human Retinal Ganglion Cells In Vitro/Ex Vivo by the Hybrid Small Molecule SA-2. **2022**, 11, 3741 ○
- 290 The role of artificial intelligence in analysis of biofluid markers for diagnosis and management of glaucoma: A systematic review. 112067212211409 ○
- 289 Screening of high-risk deleterious missense variations in the CYP1B1 gene implicated in the pathogenesis of primary congenital glaucoma: A comprehensive in silico approach. 10, e14132 1
- 288 Clinical outcomes of canaloplasty via an ab-interno surgical technique using the iTrack device: a narrative review. ○
- 287 Tunable degrees of neurodegeneration in rats based on microsphere-induced models of chronic glaucoma. **2022**, 12, ○
- 286 Minimally Invasive Glaucoma Surgery: Safety of Individual Devices. **2022**, 11, 6833 ○
- 285 Cell senescence alters responses of porcine trabecular meshwork cells to shear stress. 10, ○
- 284 Development of an Open-Source Annotated Glaucoma Medication Dataset From Clinical Notes in the Electronic Health Record. **2022**, 11, 20 ○
- 283 Microglia: Friends or Foes in Glaucoma? A Developmental Perspective. ○
- 282 Correlation analysis of morphofunctional and immunological parameters in patients with advanced stages of primary open-angle glaucoma. **2022**, 21, 3-12 ○
- 281 Psychological interventions to reduce intraocular pressure (IOP) in glaucoma patients: a review. ○
- 280 Re-establishment of the Physiological Pathway of Aqueous Humor Drainage in Primary Angle-Closure Glaucoma: Phacoemulsification, Goniosynechialysis, and Goniotomy. **2022**, 11, 497-499 ○
- 279 Morphological Changes of Glial Lamina Cribrosa of Rats Suffering from Chronic High Intraocular Pressure. **2022**, 9, 741 ○
- 278 Effect of Low-Fat Dietary Modification on Incident Open-Angle Glaucoma. **2022**, ○
- 277 Study of Different Transformer based Networks For Glaucoma Detection. **2022**, ○

- 276 Medicinal plants effective in the treatment of glaucoma from the perspective of traditional Persian medicine. **2022**, 125, 613-620 ○
- 275 DESCRIBING THE EFFECTS OF PRIMARY OPEN ANGLE GLAUCOMA ON MACULA USING SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY IN CENTRAL INDIA. 171-175 ○
- 274 Crocetin confers neuroprotection and is anti-inflammatory in rats with induced glaucoma. ○
- 273 Mental health and self-management in glaucoma patients during the COVID-19 pandemic: a cross-sectional study in China. **2022**, 22, ○
- 272 The Relationship between Type D Personality and Primary Narrow Angle & Primary Angle Closure Glaucoma. ○
- 271 Cannabis use and the risk of primary open-angle glaucoma: a Mendelian randomization study. ○
- 270 Intracameral Injection of AAV-DJ.COMP-ANG1 Reduces the IOP of Mice by Reshaping the Trabecular Outflow Pathway. **2022**, 63, 15 ○
- 269 Targeting Cell Membranes, Depleting ROS by Dithiane and Thioketal-Containing Polymers with Pendant Cholesterols Delivering Necrostatin-1 for Glaucoma Treatment. 1
- 268 ACE-Vitamin Index and Risk of Glaucoma: The SUN Project. **2022**, 14, 5129 ○
- 267 Gelatin implant in the treatment of open-angle glaucoma: Safety and efficacy in real-life conditions. **2022**, ○
- 266 Acylcarnitines in Ophthalmology: Promising Emerging Biomarkers. **2022**, 23, 16183 ○
- 265 Novel Discoveries of the Relationship Between the Vitreous Zonule and the Anterior Segment Characteristics in Eyes With Primary Angle-Closure Disease. **2022**, 63, 16 ○
- 264 Risk factors as glaucoma predictors in myopic students. **2022**, 15, 30-37 ○
- 263 Aldosterone as a Possible Contributor to Eye Diseases. **2022**, 164, ○
- 262 MicroRNA-210-3p mediates trabecular meshwork extracellular matrix accumulation and ocular hypertension â Implication for novel glaucoma therapy. **2022**, 109350 ○
- 261 THE NATURAL HISTORY OF UNTREATED OCULAR HYPERTENSION AND GLAUCOMA PATIENTS. **2022**, ○
- 260 The Latest Evidence of Erythropoietin in the Treatment of Glaucoma. **2022**, 23, 16038 ○
- 259 Evolution of first-line glaucoma therapy, 2007â2018: a population-based analysis. **2022**, ○

- 258 A Review of Neovascular Glaucoma: Etiology, Pathogenesis, Diagnosis, and Treatment. **2022**, 58, 1870 ○
- 257 Intraocular Pressure Fluctuation in Primary Open-Angle Glaucoma with Canaloplasty and Microcatheter Assisted Trabeculotomy. **2022**, 11, 7279 ○
- 256 Treatment rates for glaucoma and intraocular hypertension in the United Kingdom, 2000-2019. ○
- 255 Bidirectional 5-year risks of diabetic retinopathy, glaucoma and/or ocular hypertension: Results from a national screening programme. ○
- 254 Approaching rehabilitation in patients with advanced glaucoma. ○
- 253 A comprehensive update on the use of optical coherence tomography angiography in glaucoma. ○
- 252 Mechanisms of retinal ganglion cell injury following acute increases in intraocular pressure. 2, ○
- 251 A Novel Biomarker in Primary Glaucoma: Aqueous Humor and Serum Levels of Ischemia Modified Albumin (IMA). Volume 16, 4075-4087 ○
- 250 Impact of primary glaucoma on Health-Related Quality of Life in China: The Handan Eye Study. ○
- 249 Associations of vision impairment and eye diseases with frailty in community-dwelling older adults: a nationwide longitudinal study in China. bjo-2022-322048 ○
- 248 The place of endoscopic laser cyclodestruction in the system of microinvasive glaucoma surgery. **2022**, 15, 79-90 ○
- 247 Evaluation of Multimodal Biometric Parameters for Diagnosing Acute Angle Closure Secondary to Lens Subluxation. ○
- 246 Mendelian randomization analyses in ocular disease: a powerful approach to causal inference with human genetic data. **2022**, 20, 1
- 245 Ten-year outcomes of cataract surgery for glaucoma management in patients with primary angle-closure disease. ○
- 244 Incidence of retinal detachment, macular edema, and ocular hypertension after Nd:YAG capsulotomy: a population-based nationwide study in the FreYAG2 study. **2022**, ○
- 243 Cationic liposomes as promising vehicles for timolol/brimonidine combination ocular delivery in glaucoma: formulation development and in vitro/in vivo evaluation. 1
- 242 Cost-effectiveness of polygenic risk profiling for primary open-angle glaucoma in the United Kingdom and Australia. ○
- 241 Glaucoma Incidence and Progression in Diabetics: The Canary Islands Study Using the Laguna ONhE Application. **2022**, 11, 7294 ○

- 240 Autophagy in glaucoma pathogenesis: Therapeutic potential and future perspectives. 10, 1
- 239 Tissue-engineered anterior segment eye cultures demonstrate hallmarks of conventional organ culture. 0
- 238 Optic Nerve and Retinal Ganglion Cell Protection, Rejuvenation, and Regeneration as Glaucoma Treatment Strategies. 0
- 237 Fundus Gözlerinden Derin Tanıma Teknikleri ile Glaukom Hastalarının Tespiti. 0
- 236 Racial Disparities Affecting Black Patients In Glaucoma Diagnosis And Management. 1-11 1
- 235 Molecular Genomics of Glaucoma: An Update. 0
- 234 Selective vulnerability of the intermediate retinal capillary plexus precedes retinal ganglion cell loss in ocular hypertension. 16, 0
- 233 Silicone Oil-Induced Glaucomatous Neurodegeneration in Rhesus Macaques. **2022**, 23, 15896 0
- 232 Iridotomy to slow progression of visual field loss in angle-closure glaucoma. **2023**, 2023, 0
- 231 Normal tension glaucoma: A dynamic optical coherence tomography angiography study. 9, 0
- 230 Linking medicinal cannabis to autotaxinâlysophosphatidic acid signaling. **2023**, 6, e202201595 0
- 229 3D-printed long-acting 5-fluorouracil implant to prevent conjunctival fibrosis in glaucoma. 0
- 228 Intraocular Pressure Considerations. **2022**, 87-105 0
- 227 Comparison of Mid-Term Outcomes between Microhook ab Interno Trabeculotomy and Goniotomy with the Kahook Dual Blade. **2023**, 12, 558 0
- 226 Microelectrode-Based Electrochemical Impedance Determination of Brain-Derived Neurotrophic Factor in Aqueous Humor for Diagnosis of Glaucoma. 0
- 225 Multifunctional Protein Alpha2-Macroglobulin in Tear Fluid and Blood Serum of Patients with Glaucoma. **2023**, 19, 835-840 0
- 224 Profile of Newly Referred Glaucoma Patients to the Largest Tertiary Eye Care Hospital in Saudi Arabia. 0
- 223 A Mechanistic Model of Aqueous Humor Flow to Study Effects of Angle Closure on Intraocular Pressure. **2023**, 12, 16 0

- 222 Appraising the Effects of Metabolic Traits on the Risk of Glaucoma: A Mendelian Randomization Study. **2023**, 13, 109 ○
- 221 Effects of socioeconomic status on baseline values and outcomes at 24 months in the Treatment of Advanced Glaucoma Study randomised controlled Trial. *bjophthalmol-2022-321922* ○
- 220 Calcium-Signalling in Human Glaucoma Lamina Cribrosa Myofibroblasts. **2023**, 24, 1287 ○
- 219 Association between glaucoma and risk of stroke: A systematic review and meta-analysis. 13, ○
- 218 Five-year outcomes of selective laser trabeculoplasty: A retrospective study. 9, ○
- 217 Characterization of Trabecular Meshwork Mechanical Property Modulation After Application of Lipids. **2023**, 347-351 ○
- 216 Individuelle Behandlung bei Glaukomentpatienten mit einem Diabetes mellitus. ○
- 215 Anterior Segment Characteristics and Risk Factors for Primary Angle Closure Disease With Long Axial Lengths: The Handan Eye Study. **2023**, 64, 8 ○
- 214 Nanofiber-based glaucoma drainage implant improves surgical outcomes by modulating fibroblast behavior. ○
- 213 Enhanced glaucomatous damage accompanied by glial response in a new multifactorial mouse model. 13, ○
- 212 Longitudinal Choriocapillaris Vascular Density Changes in Different Types of Primary Open-Angle Glaucoma. **2023**, 12, 21 ○
- 211 Review of glaucoma management in France. 112067212211497 ○
- 210 Visual field evaluation using Zippy Adaptive Threshold Algorithm (ZATA) Standard and ZATA Fast in patients with glaucoma and healthy individuals. ○
- 209 A Deep Learning System Using Optical Coherence Tomography Angiography to Detect Glaucoma and Anterior Ischemic Optic Neuropathy. **2023**, 12, 507 ○
- 208 Safety and Efficacy of Rapid Primary Phacoemulsification on Acute Primary Angle Closure with and without Preoperative IOP-Lowering Medication. **2023**, 12, 660 ○
- 207 Early Inflammation Control After Trabeculectomy by Steroid and Non-steroidal Eye Drops: A Randomized Controlled Trial. ○
- 206 Swept-source optical coherence tomography and ultrasound biomicroscopy study of anterior segment parameters in primary angle-closure glaucoma. ○
- 205 Geometric Deep Learning to Identify the Critical 3D Structural Features of the Optic Nerve Head for Glaucoma Diagnosis. **2023**, ○

204	Vision-Related Quality of Life and Associated Factors Among an Adult Population with Glaucoma Attending a Comprehensive Specialized Hospital, Northwest Ethiopia. Volume 17, 225-237	0
203	Relationship between plasma amino acid and carnitine levels and primary angle-closure glaucoma based on mass spectrometry metabolomics. 2023 , 227, 109366	0
202	Implantation of diffractive extended depth-of-focus intraocular lenses in normal tension glaucoma eyes: A case series. 2023 , 29, 101792	0
201	Implementation of Complete Glaucoma Diagnostic System Using Machine Learning and Retinal Fundus Image Processing. 2022 ,	0
200	Comparison of anterior segment parameters in myopia with and without primary open-angle glaucoma.	0
199	Smart contact lenses: How far has glaucoma treatment gone?. 2022 , 68, 283-284	0
198	Assessment of iridotrabecular contact and its association with intraocular pressure after phacoemulsification in primary angle closure. 2022 ,	0
197	Anterior chamber parameters in cataract surgery candidates from middle China. 2022 , 101, e32211	0
196	Optical Coherence Tomography Retinal Nerve Fibre Layer and Ganglion Cell Complex Measurements in Normal Southern Nigerian Eyes. 2022 ,	0
195	Anterior Segment Parameter Changes after Cataract Surgery in Open-Angle and Angle-Closure Eyes: A Prospective Study. 2023 , 12, 327	0
194	The Treatment of Primary Angle-Closure Glaucoma with Cataract: A Systematic Review and Meta-Analysis of Randomized Controlled Trails.	1
193	Diversity in Polygenic Risk of Primary Open-Angle Glaucoma. 2023 , 14, 111	0
192	Secreted phosphoprotein 1 slows neurodegeneration and rescues visual function in mouse models of aging and glaucoma. 2022 , 41, 111880	1
191	Posture-induced changes in intraocular pressure after ab externo XEN45 gel-stent implantation in patients with primary open-angle glaucoma. 2022 , 22,	0
190	Somatic Mutations within Myocilin due to Aging may be a Potential Risk Factor for Glaucoma..	0
189	Vision rehabilitation in glaucoma patients. 2023 , 34, 109-115	0
188	Advances in Glaucoma Surgery. 2023 , 12, 828	0
187	A deep learning model incorporating spatial and temporal information successfully detects visual field worsening using a consensus based approach. 2023 , 13,	0

186	Classification of Primary Angle Closure Disease by Hierarchical Cluster Analysis of Ocular Biometrics in the Dark and Light.	o
185	Online Circular Contrast Perimetry: A Comparison to Standard Automated Perimetry. 2023 , 12, 4-15	o
184	High Accuracy Film Integrated Optical Sensor for Real Time Intraocular Pressure Monitoring. 2023 , 14, 353	o
183	Role of Oxidative Stress in Ocular Diseases: A Balancing Act. 2023 , 13, 187	1
182	Specific and non-linear effects of glaucoma on optic radiation tissue properties.	o
181	Quantitative systems pharmacology of the eye: Tools and data for ocular QSP.	o
180	Automatic Multilabel Classification of Multiple Fundus Diseases Based on Convolutional Neural Network With Squeeze-and-Excitation Attention. 2023 , 12, 22	o
179	Real-world efficacy of the intrascleral ciliary sulcus suprachoroidal microtube technique in Black and Afro-Latinx patients with glaucoma: a 1-year retrospective study. 2023 , 15, 251584142211474	o
178	NAD salvage pathway machinery expression in normal and glaucomatous retina and optic nerve. 2023 , 11,	o
177	Racial Disparities Affecting Black Patients in Glaucoma Diagnosis and Management. 1-11	o
176	Comparison of Outcomes of Phacoemulsification Combined with Endoscopic Cyclophotocoagulation, iStent, or Both in the Management of Open-Angle Glaucoma.	o
175	Applications of Artificial Intelligence and Deep Learning in Glaucoma. 2023 , 12, 80-93	o
174	A Case of Refractory Open-angle Glaucoma with Failed Baerveldt Glaucoma Implant and Trabeculectomy Treated with Ab Externo XEN Gel Stent Placement. 2023 , 16, 192-194	o
173	The Antibiotic Kitasamycin A Potential Agent for Specific Fibrosis Preventing Therapy after Fistulating Glaucoma Surgery?. 2023 , 15, 329	o
172	Glaucoma Detection Using Optimal Batch Size for Transfer Learning and Ensemble Model Techniques. 2023 , 202-213	o
171	The Definition of Glaucomatous Optic Neuropathy in Artificial Intelligence Research and Clinical Applications. 2023 ,	o
170	Impacts of heatwaves and cold spells on glaucoma in rural China: a national cross-sectional study.	o
169	Validity of Algorithms to Identify Patients With Glaucoma Using the Japanese Claims Data. 2023 , 32, 307-312	o

- 168 Effectiveness and Safety of XEN45 in Eyes With High Myopia and Open Angle Glaucoma. **2023**, 32, 178-185 1
- 167 Relationship between Diurnal Variation in Intraocular Pressure and Central Corneal Power. Publish Ahead of Print, 0
- 166 Risk factors for incident open-angle glaucoma in clinical practice in Sweden: A population-based case-control study. 0
- 165 Aryl hydrocarbon receptor dependent anti-inflammation and neuroprotective effects of tryptophan metabolites on retinal ischemia/reperfusion injury. **2023**, 14, 0
- 164 Phenotypic and Genetic Links between Body Fat Measurements and Primary Open-Angle Glaucoma. **2023**, 24, 3925 0
- 163 Application of Machine Learning Predictive Models for Early Detection of Glaucoma Using Real World Data. **2023**, 13, 2445 0
- 162 Vascular dysregulation in glaucoma: retinal vasoconstriction and normal neurovascular coupling in altitudinal visual field defects. **2023**, 14, 87-99 0
- 161 Phacoemulsification versus Phacoemulsification/Trabeculectomy for the Treatment of Primary Open-Angle Glaucoma Coexistent with Cataract: A Comparative Study. **2023**, 59, 470 0
- 160 A Novel Visual Field Screening Program for Glaucoma with a Head Mounted Perimeter. Publish Ahead of Print, 0
- 159 Outcomes of Selective Laser Trabeculoplasty after Prior Incisional Surgery for open-angle Glaucoma. Publish Ahead of Print, 0
- 158 Automatic measurement of anterior chamber angle parameters in AS-OCT images using deep learning. **2023**, 14, 1378 0
- 157 Efficacy and safety of primary tailored phacoemulsification combined with goniosynechialysis for refractory acute primary angle closure. 0
- 156 Genetic Associations Between Smoking- and Glaucoma-Related Traits. **2023**, 12, 20 0
- 155 Self-reported glaucoma prevalence and related factors, contribution to reported visual impairment, and functional burden in a cross-sectional study in Colombia. 0
- 154 Artificial Intelligence for Anterior Segment Diseases: A Review of Potential Developments and Clinical Applications. 0
- 153 Northern Ireland Cohort for the Longitudinal Study of Ageing (NICOLA): health assessment protocol, participant profile and patterns of participation. **2023**, 23, 0
- 152 Advances in Nanogels for Topical Drug Delivery in Ocular Diseases. **2023**, 9, 292 0
- 151 Cost-effectiveness analysis of prophylactic laser peripheral iridotomy for primary angle-closure suspect in Japan. 0

- 150 E-Net: a novel deep learning framework integrating expert knowledge for glaucoma optic disc hemorrhage segmentation. ○
- 149 On the other end of the line: Extracellular vesicle-mediated communication in glaucoma. 17, ○
- 148 Joint optic disc and cup segmentation based on elliptical-like morphological feature and spatial geometry constraint. **2023**, 158, 106796 ○
- 147 Gene therapy strategies for glaucoma from IOP reduction to retinal neuroprotection: Progress towards non-viral systems. **2023**, 196, 114781 ○
- 146 Adeno-associated virus mediated gene therapy for neuroprotection of retinal ganglion cells in glaucoma. **2023**, 206, 108196 ○
- 145 Is fat the future for saving sight? Bioactive lipids and their impact on glaucoma. **2023**, 245, 108412 ○
- 144 Identifying Risk Factors for Blindness From Glaucoma at First Presentation to a Tertiary Clinic. **2023**, 250, 130-137 ○
- 143 Differential effects of SARM1 inhibition in traumatic glaucoma and EAE optic neuropathies. **2023**, 32, 13-27 ○
- 142 Polymer- and lipid-based nanocarriers for ocular drug delivery: Current status and future perspectives. **2023**, 196, 114770 1
- 141 Rapamycin suppresses neuroinflammation and protects retinal ganglion cell loss after optic nerve crush. **2023**, 119, 110171 ○
- 140 PKRT-Net: Prior knowledge-based relation transformer network for optic cup and disc segmentation. **2023**, 538, 126183 ○
- 139 MVGL-Net: A generalizable multi-view convolutional network for anterior segment OCT. **2023**, 85, 104778 ○
- 138 No Strong Association between the Apolipoprotein E E4 Allele and Glaucoma. **2023**, 3, 100287 ○
- 137 Towards an extended EfficientNet-based U-Net framework for joint optic disc and cup segmentation in the fundus image. **2023**, 85, 104906 1
- 136 Cost-Effectiveness of Screening for Open Angle Glaucoma Compared With Opportunistic Case Finding. **2023**, 32, 72-79 ○
- 135 Comparison of the vessel density measurements of the macula, optical disc, and peri-papillary region between ocular hypertension patients and healthy controls. **2023**, 103551 ○
- 134 Forecasting prevalence and mortality of Alzheimer's disease using the partitioning models. **2023**, 174, 112133 ○
- 133 Phaco-goniosynechialysis versus phaco-trabeculectomy in patients with refractory primary angle-closure glaucoma: a comparative study. **2023**, 23, ○

- 132 Individuelle Behandlung bei Glaukompatienten mit einem Diabetes mellitus. **2023**, 21, 68-73 ○
- 131 Determinants of patients' adherence to glaucoma topical therapy among Nigerian adults. **2022**, 8, 145 ○
- 130 Use of Latanoprostene Bunod as Adjunctive Glaucoma Therapy in Refractory Glaucoma. **2023**, 16, 166-169 ○
- 129 Niacinamide and Neuroprotection: The Glaucoma Holy Grail. **2023**, 16, 141-143 ○
- 128 Cost-Utility Analysis of a Medication Adherence-Enhancing Educational Intervention for Glaucoma. **2023**, ○
- 127 Wearable multi-color RAPD screening device. **2023**, ○
- 126 Effects of robot-assisted laparoscopic radical prostatectomy on normal and glaucomatous eyes. ○
- 125 A glaucoma-associated OPTN polymorphism, M98K sensitizes retinal cells to endoplasmic reticulum stress and tumour necrosis factor β ○
- 124 Deuterated polyunsaturated fatty acids provided protection against oxidative stress in ocular fibroblasts derived from glaucoma patients. **2023**, 211, 111778 ○
- 123 Genome-wide association study finds multiple loci associated with intraocular pressure in HS rats. 13, ○
- 122 Controversial preservation of eye drops: the toxicity of benzalkonium chloride. **2023**, 338, 1311-1314 ○
- 121 Activation of retinal glial cells contributes to the degeneration of ganglion cells in experimental glaucoma. **2023**, 93, 101169 ○
- 120 Identification and verification of Hub Biomarkers and Immune-Related Pathways Participating in the Trabecular Meshwork after using Corticosteroid. ○
- 119 From 2 dimensions to 3rd dimension: Quantitative prediction of anterior chamber depth from anterior segment photographs via deep-learning. **2023**, 2, e0000193 ○
- 118 Pharmacokinetic and Target Engagement Measures of ANX007, an Anti-C1q Antibody Fragment, Following Intravitreal Administration in Nonhuman Primates. **2023**, 64, 3 ○
- 117 Glypican-4 regulated actin cytoskeletal reorganization in glucocorticoid treated trabecular meshwork cells and involvement of Wnt/PCP signaling. **2023**, 238, 631-646 ○
- 116 Segmental Suture Gonioscopy-Assisted Transluminal Trabeculotomy (GATT): Comparison of Superior vs Inferior Hemisphere Outcomes. Publish Ahead of Print, ○
- 115 Application of diffusion tensor imaging technology in glaucoma diagnosis. 17, ○

- 114 Artificial intelligence in glaucoma: posterior segment optical coherence tomography. **2023**, 34, 245-254 ○
- 113 A method describing the microdissection of trabecular meshwork tissue from Brown Norway rat eyes. **2023**, 228, 109367 ○
- 112 Targeting sterol regulatory element binding proteins (SREBPs) activation lowers intraocular pressure by halting its mechanosensing function in the trabecular meshwork. ○
- 111 Long-term effects of mild cataract extraction versus laser peripheral iridotomy on anterior chamber morphology in primary angle-closure suspect eyes. bjo-2022-322698 ○
- 110 The Role of Color Doppler Imaging in the Diagnosis of Glaucoma: A Review of the Literature. **2023**, 13, 588 ○
- 109 A bibliometric analysis of apoptosis in glaucoma. 17, ○
- 108 Arterial spin labeling reveals disordered cerebral perfusion and cerebral blood flow-based functional connectivity in primary open-angle glaucoma. ○
- 107 The Potential Effects of Light Irradiance in Glaucoma and Photobiomodulation Therapy. **2023**, 10, 223 ○
- 106 A Glaucoma Detection System Based on Generative Adversarial Network and Incremental Learning. **2023**, 13, 2195 ○
- 105 The impact of horizontal eye movements versus intraocular pressure on optic nerve head biomechanics: A tridimensional finite element analysis study. **2023**, 9, e13634 ○
- 104 Tetrapodal ZnO-Based Composite Stents for Minimally Invasive Glaucoma Surgery. **2023**, 9, 1352-1361 ○
- 103 Long-Term Efficacy and Safety of Modified Canaloplasty Versus Trabeculectomy in Open-Angle Glaucoma. **2023**, 13, 516 ○
- 102 Srgap2 suppression ameliorates retinal ganglion cell degeneration in mice. **2023**, 18, 2307 ○
- 101 Whole Exome Sequencing Reveals Novel Candidate Genes in Familial Forms of Glaucomatous Neurodegeneration. **2023**, 14, 495 ○
- 100 Neuroprotective effect of the calcium channel blocker nilvadipine on retinal ganglion cell death in a mouse ocular hypertension model. **2023**, 9, e13812 ○
- 99 A Randomized, Controlled Comparison of 180 Versus 360 Degrees Selective Laser Trabeculoplasty in Open Angle Glaucoma and Glaucoma Suspects. **2023**, 32, 252-256 ○
- 98 Influence of the body positions adopted for resistance training on intraocular pressure: a comparison between the supine and seated positions. ○
- 97 Outcomes of Ultrasound Cyclo Plasty in Primary Angle-Closure Glaucoma. Publish Ahead of Print, ○

- 96 Changes of the Types and Daily Costs of Topical Antiglaucoma Medications from 2006 to 2021 in China. **2023**, 2023, 1-9 ○
- 95 Protective Effect of Fangchinoline Against Glaucoma and Neuroinflammation in Unilateral Ocular Hypertension in Mice. **2023**, 19, 131-138 ○
- 94 New insight of metabolomics in ocular diseases in the context of 3P medicine. **2023**, 14, 53-71 ○
- 93 m6A Modification—Association with Oxidative Stress and Implications on Eye Diseases. **2023**, 12, 510 ○
- 92 PreserFlo—MicroShunt Versus Ab Externo Canaloplasty in Patients With Moderate to Advanced Open-Angle Glaucoma: 12-Month Follow-Up of a Single-Center Retrospective Study. **2023**, ○
- 91 Multi-Stage Ensemble-Based System for Glaucomatous Optic Neuropathy Diagnosis in Fundus Images. **2023**, 12, 1046 ○
- 90 FP and EP2 prostanoid receptor agonist drugs and aqueous humor outflow devices for treating ocular hypertension and glaucoma. **2023**, 229, 109415 ○
- 89 Dendrimer and dendrimer gel-derived drug delivery systems: Breaking bottlenecks of topical administration of glaucoma medications. **2023**, 2, ○
- 88 Targeted Microglial Attenuation through Dendrimer—Drug Conjugates Improves Glaucoma Neuroprotection. **2023**, 24, 1355-1365 ○
- 87 A triple crosslinked micelle-hydrogel lacrimal implant for localized and prolonged therapy of glaucoma. **2023**, 185, 44-54 ○
- 86 The Global Burden of Glaucoma: Findings from the Global Burden of Disease 2019 Study and Predictions by Bayesian Age—Period—Cohort Analysis. **2023**, 12, 1828 ○
- 85 Glaucoma and Telemedicine. Publish Ahead of Print, ○
- 84 Comparison of Safety and Efficacy of Hydrus and iStent Combined with Phacoemulsification in Open Angle Glaucoma Patients: 24-Month Follow-Up. **2023**, 20, 4152 ○
- 83 Glaucoma (eye disease): a real case study; with suggested predictive analytic modeling for identifying an individual patient— best diagnosis and best treatment. **2023**, 199-255 ○
- 82 Integrated analysis of long non-coding RNAs and mRNAs associated with glaucoma in vitro. 14, ○
- 81 Refractive Error and Anterior Chamber Depth as Risk Factors in Primary Angle Closure Disease: The Chinese American Eye Study. **2023**, 32, 257-264 ○
- 80 Using deep learning models to detect ophthalmic diseases: A comparative study. 10, ○
- 79 Iris angiography in ADAMTS10 mutant dogs with open-angle glaucoma (ADAMTS10-OAG). ○

- 78 The Support, Educate, Empower personalized glaucoma coaching trial design. **2023**, 20, 192-200 ○
- 77 Association of Rates of Ganglion Cell and Inner Plexiform Thinning With Development of Glaucoma in Eyes With Suspected Glaucoma. **2023**, 141, 349 ○
- 76 From bench to behaviour: The role of lifestyle factors on intraocular pressure, neuroprotection, and disease progression in glaucoma. ○
- 75 An improved approach for classification of glaucoma stages from color fundus images using Efficientnet-b0 convolutional neural network and recurrent neural network. **2023**, 89-106 ○
- 74 Physicochemical properties and micro-interaction between micro-nanoparticles and anterior corneal multilayer biological interface film for improving drug delivery efficacy: the transformation of tear film turnover mode. **2023**, 30, ○
- 73 Evaluation of a nurse-led glaucoma assessment clinic for non-complex patients. ○
- 72 Causal Association between Iritis or Uveitis and Glaucoma: A Two-Sample Mendelian Randomisation Study. **2023**, 14, 642 ○
- 71 Feasibility of Automated Gonioscopy Imaging in Clinical Practice. **2023**, 32, 159-164 ○
- 70 Gonioscopy-assisted transluminal trabeculotomy for open-angle glaucoma with failed incisional glaucoma surgery: two-year results. **2023**, 23, ○
- 69 Metabolic Health, Obesity, and Intraocular Pressure. **2023**, 12, 2066 ○
- 68 Synthesis and evaluation of modified lens using plasma treatment containing timolol-maleate loaded lauric acid-decorated chitosan-alginate nanoparticles for glaucoma. 1-20 ○
- 67 The Role of Citicoline and Coenzyme Q10 in Retinal Pathology. **2023**, 24, 5072 ○
- 66 Lens extraction versus laser peripheral iridotomy for acute primary angle closure. **2023**, 2023, ○
- 65 Extracellular vesicles as a new horizon in the diagnosis and treatment of inflammatory eye diseases: A narrative review of the literature. 14, ○
- 64 EARDS: EfficientNet and attention-based residual depth-wise separable convolution for joint OD and OC segmentation. 17, ○
- 63 Intraocular nano-microscale drug delivery systems for glaucoma treatment: design strategies and recent progress. **2023**, 21, ○
- 62 Glaucoma Detection and Feature Visualization from OCT Images Using Deep Learning. ○
- 61 Comparison of Perimetric Outcomes from a Tablet Perimeter, Smart Visual Function Analyzer, and Humphrey Field Analyzer. **2023**, ○

- 60 Neoprzewaquinone A Inhibits Breast Cancer Cell Migration and Promotes Smooth Muscle Relaxation by Targeting PIM1 to Block ROCK2/STAT3 Pathway. **2023**, 24, 5464 ○
- 59 Device-modified trabeculectomy for glaucoma. **2023**, 2023, ○
- 58 Investigating the association of IL12B and INFG Polymorphisms with the risk of pseudoexfoliation syndrome and glaucoma. **2023**, 7, 106 ○
- 57 AxoNet 2.0: A Deep Learning-Based Tool for Morphometric Analysis of Retinal Ganglion Cell Axons. **2023**, 12, 9 ○
- 56 Rescue of Xen45 Gel Stent Implant Occlusion In Refractory Glaucoma: A Case Report. ○
- 55 The use of Nicotinamide and Nicotinamide riboside as an adjunct therapy in the treatment of glaucoma. 112067212311611 ○
- 54 Comparison between Intraocular Pressure Profiles over 24 and 48 h in the Management of Glaucoma. **2023**, 12, 2247 ○
- 53 Custo-utilidade do tratamento primário não farmacológico do glaucoma de ângulo aberto. **2023**, 82, ○
- 52 Heritable Risk and Protective Genetic Components of Glaucoma Medication Non-Adherence. **2023**, 24, 5636 ○
- 51 Bifidobacterium promotes retinal ganglion cell survival by regulating the balance of retinal glial cells. ○
- 50 Analysis of Goldman Applanation Tonometry with and without Fluorescein among glaucomatous and non-glaucomatous patients Attending Mzuzu Central Hospital in Malawi. ○
- 49 Characteristics of a Large, Labeled Data Set for the Training of Artificial Intelligence for Glaucoma Screening with Fundus Photographs. **2023**, 3, 100300 ○
- 48 Avaliação do Sistema de Triagem de Manchester em Doentes com Crise de Encerramento Agudo Primário do Ângulo Iridocorneano: Um Estudo Retrospectivo. ○
- 47 Ankylosing spondylitis and glaucoma in European population: A Mendelian randomization study. 14, ○
- 46 The Role of Oxidative Stress in the Aging Eye. **2023**, 13, 837 ○
- 45 A review of istent inject: A novel MIGS device in India. **2023**, 61, 26 ○
- 44 A comparative evaluation of the efficacy and safety of Latanoprost-Optic and Xalatan used as monotherapy and combined with Dorzolamide-Optic for primary open-angle glaucoma under clinical practice conditions. **2023**, 16, 135-141 ○
- 43 The Role of Optical Coherence Tomography Angiography in Glaucoma. ○

- 42 Alteration of neurofilament heavy chain and its phosphoforms reveals early subcellular damage beyond the optic nerve head in glaucoma. 14,
- 41 The relationship between multiple deprivation and severity of glaucoma at diagnosis.
- 40 Anatomical and topographical characteristics of the eye in the early stages of primary angle closure disease. **2023**, 22, 42-53
- 39 Glaucoma in pregnant women: features of treatment. **2023**, 22, 103-114
- 38 Glaucoma. **2018**, 436-474
- 37 A Review of Deep Learning Techniques for Glaucoma Detection. **2023**, 4,
- 36 Presence and severity of migraine is associated with development of primary open angle glaucoma: A population-based longitudinal cohort study. **2023**, 18, e0283495
- 35 Frequency of coexistent eye diseases and cognitive impairment or dementia: a systematic review and meta-analysis.
- 34 A Dual-Drug Nanohybrid System Incorporating Nimodipine and Brain-Derived Neurotrophic Factor Promotes Retinal Ganglion Cells Survival.
- 33 Retinal ganglion cells adapt to ionic stress in experimental glaucoma. 17,
- 32 Variation in Retinal Nerve Fiber Layer and Ganglion Cell Complex Associated With Optic Nerve Head Size in Healthy Eyes. **2023**, 12, 26
- 31 Salivary Exosomes in Health and Disease: Future Prospects in the Eye. **2023**, 24, 6363
- 30 The regulatory role of microRNAs in common eye diseases: A brief review. 14,
- 29 Predicting Visual Field Worsening with Longitudinal Optical Coherence Tomography Data Using a Gated Transformer Network. **2023**,
- 28 Association of variants in the ATXN2 (rs7137828), FOXC1 (rs2745572) and TXNRD2 (rs35934224) genes as risk factors for primary open-angle glaucoma development in a Brazilian cohort. 1-7
- 27 Diagnostic ability of macular microvasculature with swept-source OCT angiography for highly myopic glaucoma using deep learning. **2023**, 13,
- 26 Elevated Angiotensin-II Levels Contribute to the Pathogenesis of Open-Angle Glaucoma Via Inducing the Expression of Fibrosis-Related Genes in Trabecular Meshwork Cells Through a ROS/NOX4/SMAD3 Axis. **2023**, 32, 096368972311625
- 25 Longitudinal Changes of Bruch's Membrane Opening, Anterior Scleral Canal Opening, and Border Tissue in Experimental Juvenile High Myopia. **2023**, 64, 2

- 24 China Glaucoma Treatment Pattern Study lâPrimary Angle-Closure Glaucoma: protocol for a multicentre, retrospective, observational study. **2023**, 13, e068048 ○
- 23 A randomized clinical trial comparing three fixed combinations of bimatoprost with timolol in patients with open-angle glaucoma or ocular hypertension. 1-9 ○
- 22 Three-Year Outcomes of Immediate Primary Phacoemulsification on Acute Primary Angle Closure Eyes and the Fellow Eyes. Volume 17, 1035-1045 ○
- 21 14-Year Outcome of Angle-Closure Prevention with Laser Iridotomy in the Zhongshan Angle Closure Prevention Study: Extended Follow-Up of a Randomized Controlled Trial. **2023**, ○
- 20 Fish oil in glaucoma treatment: From biological functions to clinical potential. ○
- 19 Scar formation in the presence of mitomycin C and the anti-fibrotic antibody in a rabbit model of glaucoma microsurgery: A pilot study. **2023**, 9, e15368 ○
- 18 VEGF levels in the aqueous humor of patients with primary open angle glaucoma: A systematic review and a meta-analysis. 112067212311681 ○
- 17 Blood cell traits and risk of glaucoma: A two-sample mendelian randomization study. 14, ○
- 16 Health management service models for the elderly with visual impairment : a scoping review. ○
- 15 Flow Pressure Characteristics of the Ahmed Glaucoma Valve and Possible Effect of Entrapped Air in the Tube. **2023**, 12, 16 ○
- 14 Prevalence of Risk Factors Among Patients With Glaucoma in Jeddah, Saudi Arabia. **2023**, ○
- 13 Effects of topical prostaglandin therapy on corneal layers thickness in primary open-angle glaucoma patients using anterior segment optical coherence tomography. ○
- 12 One-year outcomes of combined phacoemulsification and viscogoniosynechialysis with and without endoscopic cyclophotocoagulation in primary angle-closure glaucoma. ○
- 11 Prescription trends for preservative free glaucoma medication in a public health system. 112067212311700 ○
- 10 Matrix metalloproteinase-3 (MMP-3)âmediated gene therapy for glaucoma. **2023**, 9, ○
- 9 Meta-Analysis of Phacoemulsification and Laser Peripheral Iridotomy in the Treatment of Primary Angle-Closure Glaucoma. **2023**, 2023, 1-9 ○
- 8 Association between lifestyle habits and glaucoma incidence: a retrospective cohort study. ○
- 7 Hydroxycamptothecin regulates scar formation of the filtration channel under scleral flap by inhibiting the proliferation of scleral fibroblasts. **2023**, 18, e0284618 ○

- 6 Use of Biometric Data After Laser Peripheral Iridotomy—Individualized Monitoring Strategy for Angle Closure Progression. ○
- 5 A Study of the Interpretability of Fundus Analysis with Deep Learning-Based Approaches for Glaucoma Assessment. **2023**, 12, 2013 ○
- 4 Biometric Risk Factors for Angle Closure Progression After Laser Peripheral Iridotomy. ○
- 3 Association of systemic medication use with glaucoma and intraocular pressure: the E3 Consortium. **2023**, ○
- 2 The influence of trace elements on the therapeutic success of suprachoroidal draining devices. **2023**, 78, 127195 ○
- 1 Factors Influencing Participation in Shared Decision-Making Among Patients with Glaucoma in China: A Cross-Sectional Study. Volume 17, 1261-1270 ○