

Causes of blindness and vision impairment in 2020 and of avoidable blindness in relation to VISION 2020: the R Global Burden of Disease Study

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Trends in prevalence of blindness and distance and near vision impairment over 30 years: an analysis for the Global Burden of Disease Study. <i>The Lancet Global Health</i> , 2021, 9, e130-e143.	2.9	500
2	The Lancet Global Health Commission on Global Eye Health: vision beyond 2020. <i>The Lancet Global Health</i> , 2021, 9, e489-e551.	2.9	549
3	Age-Related Macular Degeneration: Role of Oxidative Stress and Blood Vessels. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1296.	1.8	64
4	Rising to the challenge: estimates of the magnitude and causes of vision impairment and blindness. <i>The Lancet Global Health</i> , 2021, 9, e100-e101.	2.9	11
5	Eye health indicators for universal health coverage: results of a global expert prioritisation process. <i>British Journal of Ophthalmology</i> , 2022, 106, 893-901.	2.1	10
6	Home Monitoring for Glaucoma: Current Applications and Future Directions. <i>Seminars in Ophthalmology</i> , 2021, 36, 310-314.	0.8	13
7	Lipid dismantling of lens organelles for clear vision. <i>Nature</i> , 2021, 592, 509-510.	13.7	0
8	Association between vision impairment and mortality: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , 2021, 9, e418-e430.	2.9	59
9	Oxidative and Nitrosative Stress in Age-Related Macular Degeneration: A Review of Their Role in Different Stages of Disease. <i>Antioxidants</i> , 2021, 10, 653.	2.2	34
10	The contribution of the English NHS Diabetic Eye Screening Programme to reductions in diabetes-related blindness, comparisons within Europe, and future challenges. <i>Acta Diabetologica</i> , 2021, 58, 521-530.	1.2	26
11	Association of objective visual impairment with suicidal ideation and suicide attempts among adults aged ≥50 years in low/middle-income countries. <i>British Journal of Ophthalmology</i> , 2022, 106, 1610-1616.	2.1	8
12	Seeing beyond 2020: what next for refractive error care?. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 457-460.	1.0	2
13	Searching for the Antioxidant, Anti-Inflammatory, and Neuroprotective Potential of Natural Food and Nutritional Supplements for Ocular Health in the Mediterranean Population. <i>Foods</i> , 2021, 10, 1231.	1.9	24
14	Global Prevalence of Diabetic Retinopathy and Projection of Burden through 2045. <i>Ophthalmology</i> , 2021, 128, 1580-1591.	2.5	680
15	Effectiveness of simulation-based training for manual small incision cataract surgery among novice surgeons: a randomized controlled trial. <i>Scientific Reports</i> , 2021, 11, 10945.	1.6	20
16	Accuracy of autorefractometry in an adult Indian population. <i>PLoS ONE</i> , 2021, 16, e0251583.	1.1	5
17	Frugal retinal laser training simulation eyes. <i>Eye</i> , 2021, , .	1.1	0
18	Management of Cataract in Patients with Age-Related Macular Degeneration. <i>Journal of Clinical Medicine</i> , 2021, 10, 2538.	1.0	4

#	ARTICLE	IF	CITATIONS
19	The Longitudinal Association of Vision Impairment With Transitions to Cognitive Impairment and Dementia: Findings From the Aging, Demographics and Memory Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 2187-2193.	1.7	13
20	Identification of Diagnostic Biomarkers and Their Correlation with Immune Infiltration in Age-Related Macular Degeneration. <i>Diagnostics</i> , 2021, 11, 1079.	1.3	4
21	Impact of living with a bilateral central vision loss due to geographic atrophy—a qualitative study. <i>BMJ Open</i> , 2021, 11, e047861.	0.8	2
22	Sensory Dysfunction in Old Age. <i>Deutsches Archiv für Klinische Ophthalmologie</i> , 2021, 118, 512-520.	0.6	10
23	Ocular Complications of Obstructive Sleep Apnea. <i>Journal of Clinical Medicine</i> , 2021, 10, 3422.	1.0	10
24	How can we improve the quality of cataract services for all? A global scoping review. <i>Clinical and Experimental Ophthalmology</i> , 2021, 49, 672-685.	1.3	15
25	A Population-Based Cross-Sectional Study of Visual Impairment in West Godavari and Krishna Districts in Andhra Pradesh: Akiividu Visual Impairment Study (AVIS). <i>Ophthalmic Epidemiology</i> , 2021, , 1-6.	0.8	0
26	Clinical features of endophthalmitis clusters after cataract surgery and practical recommendations to mitigate risk: systematic review. <i>Journal of Cataract and Refractive Surgery</i> , 2022, 48, 100-112.	0.7	7
27	Distribution and determinants of hospital efficiency and relative productivity in county-level hospitals in rural China: an observational study. <i>BMJ Open</i> , 2021, 11, e042326.	0.8	1
28	Zebrafish Model in Ophthalmology to Study Disease Mechanism and Drug Discovery. <i>Pharmaceuticals</i> , 2021, 14, 716.	1.7	19
30	Fotografía participativa con personas con discapacidad visual: Una apuesta sensorial, reivindicativa y dialéctica. <i>Arte, Individuo Y Sociedad</i> , 2021, 33, 1413-1428.	0.0	0
31	Determinants of Eye Care Service Utilization among Peruvian Adults: Evidence from a Nationwide Household Survey. <i>Ophthalmic Epidemiology</i> , 2022, 29, 339-348.	0.8	1
32	Clinic-Based Eye Disease Screening Using Non-Expert Fundus Photo Graders at the Point of Screening: Diagnostic Validity and Yield. <i>American Journal of Ophthalmology</i> , 2021, 227, 245-253.	1.7	2
33	Factors affecting guardians' decision making on clinic-based purchase of children's spectacles in Nigeria. <i>PLoS ONE</i> , 2021, 16, e0254517.	1.1	4
34	Effect of Nd:YAG laser capsulotomy on the risk for retinal detachment after cataract surgery: systematic review and meta-analysis. <i>Journal of Cataract and Refractive Surgery</i> , 2022, 48, 238-244.	0.7	4
35	Blood Pressure and Glaucomatous Progression in a Large Clinical Population. <i>Ophthalmology</i> , 2022, 129, 161-170.	2.5	21
36	Prevalence Factors Associated With Vision Impairment and Blindness Among Individuals 85 Years and Older in Russia. <i>JAMA Network Open</i> , 2021, 4, e2121138.	2.8	17
37	Adjunctive modulation of wound healing during cataract surgery to promote survival of a previous trabeculectomy. <i>The Cochrane Library</i> , 2021, 2021, CD013664.	1.5	1

#	ARTICLE	IF	CITATIONS
38	Global, regional, and national burden of blindness and vision loss due to common eye diseases along with its attributable risk factors from 1990 to 2019: a systematic analysis from the global burden of disease study 2019. <i>Aging</i> , 2021, 13, 19614-19642.	1.4	23
39	Automated Detection and Diagnosis of Diabetic Retinopathy: A Comprehensive Survey. <i>Journal of Imaging</i> , 2021, 7, 165.	1.7	51
40	Population screening for glaucoma in UK: current recommendations and future directions. <i>Eye</i> , 2022, 36, 504-509.	1.1	14
41	Relation of Maximum Lifetime Body Mass Index with Age at Hemodialysis Initiation and Vascular Complications in Japan. <i>Obesity Facts</i> , 2021, 14, 1-9.	1.6	3
42	Restoring Vision Naturally and Noninvasively. <i>Neuroscience Bulletin</i> , 2021, 37, 1642-1644.	1.5	0
43	Eye Health Service Uptake among People with Visual Impairment and Other Functional Difficulties in Bangladesh: A Cross-Sectional Study with Short-Term Follow Up. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9068.	1.2	0
44	Ocular Morbidity—A Critical Analysis to Improve Outpatient Services in an Eye Department in a Sub-Saharan Megacity. <i>Journal of Clinical Medicine</i> , 2021, 10, 3791.	1.0	2
46	The Association between Vision Impairment and Incidence of Dementia and Cognitive Impairment. <i>Ophthalmology</i> , 2021, 128, 1135-1149.	2.5	55
47	Selective laser trabeculoplasty: A review. <i>Clinical and Experimental Ophthalmology</i> , 2021, 49, 1102-1110.	1.3	5
48	Temporal and Spatial Characteristics of Cataract Surgery Rates in China. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 3551-3561.	1.2	4
49	Visual impairment and blindness in the Xingu Indigenous Park — Brazil. <i>International Journal for Equity in Health</i> , 2021, 20, 197.	1.5	3
50	Sunlight and Culture. <i>Journal of Economic Behavior and Organization</i> , 2021, 188, 757-782.	1.0	1
51	Inherited cataracts: Genetic mechanisms and pathways new and old. <i>Experimental Eye Research</i> , 2021, 209, 108662.	1.2	34
52	Improving Interpretability in Machine Diagnosis. <i>Ophthalmology Science</i> , 2021, 1, 100038.	1.0	8
53	TGF β ² -Neurotrophin Interactions in Heart, Retina, and Brain. <i>Biomolecules</i> , 2021, 11, 1360.	1.8	10
54	Causes of Visual Impairment Among the Registered Visually Disabled: A Retrospective Study. <i>Cureus</i> , 2021, 13, e17988.	0.2	1
55	Mutation of the EPHA2 Tyrosine-Kinase Domain Dysregulates Cell Pattern Formation and Cytoskeletal Gene Expression in the Lens. <i>Cells</i> , 2021, 10, 2606.	1.8	9
56	Self-determination and Physical Functioning as Mediators of the Association between Self-reported Sensory Impairments and Happiness among Older Adults. <i>Experimental Aging Research</i> , 2022, 48, 274-286.	0.6	2

#	ARTICLE	IF	CITATIONS
57	Association of the SNP rs112369934 near TRIM66 Gene with POAG Endophenotypes in African Americans. <i>Genes</i> , 2021, 12, 1420.	1.0	4
58	Understanding patient health-seeking behaviour to optimise the uptake of cataract surgery in rural Kenya, Zambia and Uganda: findings from a multisite qualitative study. <i>International Health</i> , 2022, 14, i57-i63.	0.8	3
59	Impact of Urbanization and Sunlight Exposure on Cataract Incidence. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8137.	1.3	3
61	Patient and Provider Perspectives on Glaucoma Treatment Adherence: A Delphi Study in Urban Alabama. <i>Optometry and Vision Science</i> , 2021, 98, 1085-1093.	0.6	10
62	Comparison of Structural, Functional, Tonometric, and Visual Acuity Testing for Glaucoma. <i>Ophthalmology Glaucoma</i> , 2022, 5, 345-352.	0.9	2
63	Metabolomics in Retinal Diseases: An Update. <i>Biology</i> , 2021, 10, 944.	1.3	9
64	Retinal Stem/Progenitor Cells Derived From Adult Müller Glia for the Treatment of Retinal Degeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 749131.	1.8	9
65	Axial length and its associations in the Ural Very Old Study. <i>Scientific Reports</i> , 2021, 11, 18459.	1.6	5
66	Recent Advances in Hydrogels: Ophthalmic Applications in Cell Delivery, Vitreous Substitutes, and Ocular Adhesives. <i>Biomedicines</i> , 2021, 9, 1203.	1.4	18
67	Changes in incidence and severity of visual impairment due to glaucoma during 40%years " a register-based study in Finland. <i>Acta Ophthalmologica</i> , 2022, 100, 534-540.	0.6	10
68	Keeping an eye on eye care: monitoring progress towards effective coverage. <i>The Lancet Global Health</i> , 2021, 9, e1460-e1464.	2.9	27
69	The Association of Cognitive and Visual Function in a Nationally Representative Study of Older Adults in India. <i>Neuroepidemiology</i> , 2021, 55, 126-134.	1.1	4
70	Gene Editing in Rabbits: Unique Opportunities for Translational Biomedical Research. <i>Frontiers in Genetics</i> , 2021, 12, 642444.	1.1	7
71	Auditory and Visual Integration for Emotion Recognition and Compensation for Degraded Signals are Preserved With Age. <i>Trends in Hearing</i> , 2021, 25, 233121652110453.	0.7	3
72	Comparison of Optical Coherence Angiography Measurements in Patients with Neovascular and Non-neovascular Age-Related Macular Degeneration. <i>Sisli Etfal Hastanesi Tip Bulteni</i> , 2021, 56, 107-112.	0.1	0
73	Association of Subregional Quantitative Ultra-widefield Fluorescence Angiography Characteristics With the Occurrence of Diabetic Macular Edema and Proliferative Diabetic Retinopathy. <i>Frontiers in Medicine</i> , 2021, 8, 720564.	1.2	3
74	ALDH2/SIRT1 Contributes to Type 1 and Type 2 Diabetes-Induced Retinopathy through Depressing Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	11
75	The association between cataract and sleep apnea: a nationwide population-based cohort study. <i>Journal of Clinical Sleep Medicine</i> , 2021, , .	1.4	1

#	ARTICLE	IF	CITATIONS
76	Optimizing the ocular surface prior to cataract surgery. <i>Current Opinion in Ophthalmology</i> , 2022, 33, 9-14.	1.3	6
77	Efficacy of Anti-Vascular Endothelial Growth Factor Treatment in Neovascular Age-Related Macular Degeneration and Systemic Cardiovascular Risk Factors. <i>Journal of Clinical Medicine</i> , 2021, 10, 4595.	1.0	4
78	Perspectives of Molecularly Imprinted Polymer-Based Drug Delivery Systems in Ocular Therapy. <i>Polymers</i> , 2021, 13, 3649.	2.0	15
79	The Value of Annual Glaucoma Screening for High-Risk Adults Ages 60 to 80. <i>Cureus</i> , 2021, 13, e18710.	0.2	3
80	The roles of sex and gender in women's eye health disparities in the United States. <i>Biology of Sex Differences</i> , 2021, 12, 57.	1.8	16
81	Disparities in Self-Reported Difficulty Seeing in the United States. <i>Ophthalmology</i> , 2021, , .	2.5	1
82	Preferred Surgical and Anesthesia Techniques for Cataract Surgery in Jordan. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 4259-4267.	0.9	6
83	Mobile health intervention for promotion of eye health literacy. <i>PLOS Global Public Health</i> , 2021, 1, e0000025.	0.5	1
84	Anti-VEGF therapies for age-related macular degeneration: a powerful tactical gear or a blunt weapon? The choice is ours. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 3561-3567.	1.0	9
85	Smartphone-based Anterior Segment Imaging: A Comparative Diagnostic Accuracy Study of a Potential Tool for Blindness Prevalence Surveys. <i>Ophthalmic Epidemiology</i> , 2022, 29, 491-498.	0.8	6
86	INCIDENCE OF HERPES SIMPLEX VIRUS KERATITIS AND OTHER OCULAR DISEASE: GLOBAL REVIEW AND ESTIMATES. <i>Ophthalmic Epidemiology</i> , 2022, 29, 353-362.	0.8	20
87	Selective laser trabeculoplasty versus 0.5% timolol eye drops for the treatment of glaucoma in Tanzania: a randomised controlled trial. <i>The Lancet Global Health</i> , 2021, 9, e1589-e1599.	2.9	24
88	Selective laser trabeculoplasty versus 0.5% timolol eye drops in the management of glaucoma in Tanzania. <i>The Lancet Global Health</i> , 2021, 9, e1489-e1490.	2.9	1
89	Hyperbaric oxygen as a model of lens aging in the bovine lens: The effects on lens biochemistry, physiology and optics. <i>Experimental Eye Research</i> , 2021, 212, 108790.	1.2	4
90	Proteomic Phenotyping of Stimulated Macrophages Unveils Profound Pro-Inflammatory Signaling and Antigen-Presenting Capacity. <i>Frontiers in Pharmacology</i> , 2021, 12, 771571.	1.6	16
91	Measurement of tear resistance after manual capsulorhexis and femtosecond laser-assisted capsulotomy of crystalline lenses. <i>Lasers in Medical Science</i> , 2022, 37, 1891-1897.	1.0	1
92	Visual Impairment and Risk of Dementia in 2 Population-Based Prospective Cohorts: UK Biobank and EPIC-Norfolk. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 697-704.	1.7	8
93	Cytokine signaling as key regulator of pathological angiogenesis in the eye. <i>EBioMedicine</i> , 2021, 73, 103662.	2.7	0

#	ARTICLE	IF	CITATIONS
94	Automatic Detection of Retinal Diseases in Optical Coherence Tomography Images using Convolutional Neural Network. , 2021, , .		0
95	GLA-Net: A global-local attention network for automatic cataract classification. Journal of Biomedical Informatics, 2021, 124, 103939.	2.5	11
96	Refractive Error and Eye Health: An Umbrella Review of Meta-Analyses. Frontiers in Medicine, 2021, 8, 759767.	1.2	5
97	Loss of Caveolin-1 Impairs Light Flicker-Induced Neurovascular Coupling at the Optic Nerve Head. Frontiers in Neuroscience, 2021, 15, 764898.	1.4	8
98	Commentary: Oral management of diabetic retinopathy. Indian Journal of Ophthalmology, 2021, 69, 3327.	0.5	0
99	The Implementation of a Braille to Speech Prototype Application as a Self-study Tool for Visually Impaired People. , 2021, , .		0
100	Development of glaucoma predictive model and risk factors assessment based on supervised models. BioData Mining, 2021, 14, 48.	2.2	1
101	Genome-Wide Polygenic Risk Score for Predicting High Risk Glaucoma Individuals of Han Chinese Ancestry. Journal of Personalized Medicine, 2021, 11, 1169.	1.1	5
102	Smart Glass System Using Deep Learning for the Blind and Visually Impaired. Electronics (Switzerland), 2021, 10, 2756.	1.8	39
103	Barriers and facilitators to diabetic retinopathy screening within Australian primary care. BMC Family Practice, 2021, 22, 239.	2.9	8
104	Nanotechnology for Age-Related Macular Degeneration. Pharmaceutics, 2021, 13, 2035.	2.0	7
105	Review of OCT Angiography Findings in Diabetic Retinopathy: Insights and Perspectives. International Journal of Translational Medicine, 2021, 1, 286-305.	0.1	3
106	Adiposity by Differing Measures and the Risk of Cataract in the UK Biobank: The Importance of Diabetes. , 2021, 62, 19.		1
107	Vessel Density in the Macular and Peripapillary Areas in Preperimetric Glaucoma to Various Stages of Primary Open-Angle Glaucoma in Taiwan. Journal of Clinical Medicine, 2021, 10, 5490.	1.0	5
108	Epigenomic signatures in age-related macular degeneration: Focus on their role as disease modifiers and therapeutic targets. European Journal of Ophthalmology, 2021, 31, 2856-2867.	0.7	4
109	Prevalence and sociodemographic factors associated with vision difficulties in Ghana, Gambia, and Togo: a multi-country analysis of recent multiple Indicator cluster surveys. BMC Public Health, 2021, 21, 2148.	1.2	3
111	Micropulse Transscleral Cyclophotocoagulation as Primary Surgical Treatment for Primary Open Angle Glaucoma in Taiwan during the COVID-19 Pandemic. Healthcare (Switzerland), 2021, 9, 1563.	1.0	4
112	Longitudinal Macular Retinal and Choroidal Microvasculature Changes in High Myopia. , 2021, 62, 1.		7

#	ARTICLE	IF	CITATIONS
113	Prevalence and Associated Factors of Diabetic Retinopathy in a Russian Population. The Ural Eye and Medical Study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 4723-4734.	1.1	2
114	Prevalence of Eye Conditions, Utilization of Eye Health Care Services, and Ophthalmic Medications After Entering Residential Aged Care in Australia. <i>Translational Vision Science and Technology</i> , 2021, 10, 3.	1.1	5
115	International Classification of Functioning, Disability and Health core set for vision loss: A discussion paper and invitation. <i>British Journal of Visual Impairment</i> , 2022, 40, 109-116.	0.5	3
116	Prevalence and clinical profile of glaucoma patients in rural Nigeria—A hospital based study. <i>PLoS ONE</i> , 2021, 16, e0260965.	1.1	8
117	OUP accepted manuscript. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2022, , .	2.4	4
118	A Multi-Center Clinical Study of the Automated Fundus Screening Medical Device AI-100. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
119	Cost-Effectiveness and Cost-Utility of Traditional and Telemedicine Combined Population-Based Age-Related Macular Degeneration and Diabetic Retinopathy Screening in Rural and Urban China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
120	DeepLensNet: Deep Learning Automated Diagnosis and Quantitative Classification of Cataract Type and Severity. <i>Ophthalmology</i> , 2022, 129, 571-584.	2.5	23
121	Müller glia-derived exosomal miR-9-3p promotes angiogenesis by restricting sphingosine-1-phosphate receptor S1P1 in diabetic retinopathy. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 491-504.	2.3	23
122	The Refractive Error and Vision Impairment Estimation with Spectacle Data Study. <i>Ophthalmology Science</i> , 2022, 2, 100092.	1.0	3
123	Optical Disc Segmentation from Color Fundus Image using Contrast Limited Adaptive Histogram Equalization and Morphological Operations. , 2021, , .		4
124	BlindAid - Android-based Mobile Application Guide for Visually Challenged People. , 2021, , .		2
125	Prevalence rates of cataract and cataract surgery in elderly Chinese people living in suburban Shanghai: the Pujiang Cataract Cohort Study. <i>British Journal of Ophthalmology</i> , 2023, 107, 683-689.	2.1	0
126	Comparison of agents using higher dose anti-VEGF therapy for treatment-resistant neovascular age-related macular degeneration. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 2239-2247.	1.0	3
127	Effectiveness of remote screening for diabetic retinopathy among patients referred to Mozambican Diabetes Association (AMODIA): a retrospective observational study. <i>Acta Diabetologica</i> , 2022, 59, 563.	1.2	1
128	Micronutrients and Diabetic Retinopathy: Evidence from The National Health and Nutrition Examination Survey and a Meta-analysis. <i>American Journal of Ophthalmology</i> , 2022, , .	1.7	7
129	Development and optimization of Riluzole-loaded biodegradable nanoparticles incorporated in a mucoadhesive in situ gel for the posterior eye segment. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121379.	2.6	15
130	The genetics of glaucoma: Disease associations, personalised risk assessment and therapeutic opportunities—A review. <i>Clinical and Experimental Ophthalmology</i> , 2022, 50, 143-162.	1.3	19

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131	Application of artificial intelligence in cataract management: current and future directions. Eye and Vision (London, England), 2022, 9, 3.	1.4	27
132	Ordeal mechanisms, information, and the cost-effectiveness of strategies to provide subsidized eyeglasses. Journal of Health Economics, 2022, 82, 102594.	1.3	5
133	Incidence and Prevalence of Neovascular Age-Related Macular Degeneration in France between 2008 and 2018. Ophthalmology Science, 2022, 2, 100114.	1.0	9
134	Audiobooks: Improving Access to and Use of Learning and Teaching Materials for the Print-Disabled. Journal of Electronic Publishing, 2021, 24, .	0.7	2
135	Primary glaucomas in adults: Epidemiology and public healthâ€A review. Clinical and Experimental Ophthalmology, 2022, 50, 128-142.	1.3	15
136	Prevalence of cataract and factors associated with cataract surgery uptake among older persons in Malaysia: A cross-sectional study from the National Eye Survey II. Tropical Doctor, 2022, , 004947552210766.	0.2	2
137	Update of application of olfactory ensheathing cells and stem cells/exosomes in the treatment of retinal disorders. Stem Cell Research and Therapy, 2022, 13, 11.	2.4	4
138	Gene-Based Therapeutics for Inherited Retinal Diseases. Frontiers in Genetics, 2021, 12, 794805.	1.1	24
139	Anti-VEGF Drugs Dynamics: Relevance for Clinical Practice. Pharmaceutics, 2022, 14, 265.	2.0	7
140	Whole exome sequence analysis in 51â€%624 participants identifies novel genes and variants associated with refractive error and myopia. Human Molecular Genetics, 2022, , .	1.4	10
141	Role of microperimetry in evaluating disease progression in age-related macular degeneration: a scoping review. International Ophthalmology, 2022, , 1.	0.6	1
142	Multisensory Integration: Is Medial Prefrontal Cortex Signaling Relevant for the Treatment of Higher-Order Visual Dysfunctions?. Frontiers in Molecular Neuroscience, 2021, 14, 806376.	1.4	2
143	Grand Challenges in global eye health: a global prioritisation process using Delphi method. The Lancet Healthy Longevity, 2022, 3, e31-e41.	2.0	19
144	Time trends, associations and prevalence of blindness and vision loss due to glaucoma: an analysis of observational data from the Global Burden of Disease Study 2017. BMJ Open, 2022, 12, e053805.	0.8	37
145	Comparison of Innovator vs. Biosimilar Ranibizumab in Treating Diabetic Macular Edema: A Multicenter Retrospective Study. Ophthalmology and Therapy, 2022, 11, 629-638.	1.0	4
146	Active-fluidics versus gravity-fluidics system in phacoemulsification for age-related cataract (AGSPC): study protocol for a prospective, randomised, double-blind, controlled clinical trial. BMJ Open, 2022, 12, e059062.	0.8	3
148	Image enhancement of color fundus photographs for age-related macular degeneration: the Shanghai Changfeng Study. International Journal of Ophthalmology, 2022, 15, 268-275.	0.5	5
150	Novel Potential Biomarkers for Retinopathy of Prematurity. Frontiers in Medicine, 2022, 9, 840030.	1.2	17

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151	Novel approach to antiangiogenic factors in age-related macular degeneration therapy. Central-European Journal of Immunology, 0, , .	0.4	0
152	Retinal Oxygen Delivery and Extraction in Ophthalmologically Healthy Subjects With Different Blood Pressure Status. Translational Vision Science and Technology, 2022, 11, 9.	1.1	3
153	Advances in Ophthalmic Optogenetics: Approaches and Applications. Biomolecules, 2022, 12, 269.	1.8	15
154	Programmed Cell Death and Autophagy in an in vitro Model of Spontaneous Neuroretinal Degeneration. Frontiers in Neuroanatomy, 2022, 16, 812487.	0.9	1
155	Visual functional defects in patients with type 2 diabetes mellitus: a questionnaire based cross-sectional study. International Ophthalmology, 2022, , 1.	0.6	0
156	Temporal trends in ophthalmic surgical demand in a universal healthcare system: an Ontario population-based study of over two decades. BMJ Open Ophthalmology, 2022, 7, e000937.	0.8	3
157	Treatment Outcome of Wet Age-Related Macular Degeneration Management in Thailand: A Retrospective Real-World Study (TOWER Study). Ophthalmology and Therapy, 2022, 11, 739-757.	1.0	7
158	CHIR99021 balance TGF β 21 induced human corneal endothelial-to-mesenchymal transition to favor corneal endothelial cell proliferation. Experimental Eye Research, 2022, 219, 108939.	1.2	7
159	Testing Activities of Daily Living (ADL) in Patients with Age-Related Macular Degeneration Undergoing Cataract Surgery: Lessons Learned from the Past and Development of a New Quality of Life (QOL) Test. Clinical Ophthalmology, 2022, Volume 16, 385-387.	0.9	1
160	Analyzing Effect of Waterclefts on Visual Functions Via Optical Simulations. , 2022, 63, 22.		0
161	Cataract Surgery Considerations for Diabetic Patients. Current Diabetes Reports, 2021, 21, 67.	1.7	3
162	Comparative evaluation of a new frugal binocular indirect ophthalmoscope. Eye, 2021, , .	1.1	0
163	Immunosenescence in Choroidal Neovascularization (CNV)â€™Transcriptional Profiling of Na \tilde{A} ve and CNV-Associated Retinal Myeloid Cells during Aging. International Journal of Molecular Sciences, 2021, 22, 13318.	1.8	7
164	Awareness of cataract and glaucoma in two rural districts of Telangana, India. Indian Journal of Ophthalmology, 2022, 70, 982.	0.5	1
165	A polydopamine-based photodynamic coating on the intraocular lens surface for safer posterior capsule opacification conquering. Biomaterials Science, 2022, 10, 2188-2197.	2.6	8
167	Incidence and Predictors of Cataract among People with Type 2 Diabetes Mellitus: Using Secondary Data Analysis from the Ansan Cohort of the Korean Genome and Epidemiology Study. Journal of Korean Academy of Nursing, 2022, 52, 24.	0.3	1
169	Detecting visually significant cataract using retinal photograph-based deep learning. Nature Aging, 2022, 2, 264-271.	5.3	14
170	Preliminary Evaluation of a Smartphone App for Refractive Error Measurement. Translational Vision Science and Technology, 2022, 11, 40.	1.1	2

#	ARTICLE	IF	CITATIONS
171	A focus on glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2022, 50, 123-125.	1.3	0
172	Application of Andersen's Newman model to assess cataract surgery uptake among older Australian women: findings from the Australian Longitudinal Study on Women's Health (ALSWH). <i>Aging Clinical and Experimental Research</i> , 2022, , .	1.4	0
173	Prevalence and related factors of myopic retinopathy – a hospital-based cross-section study in Vietnam. <i>Australasian journal of optometry, The</i> , 2023, 106, 427-430.	0.6	3
175	Biaxial Estimation of Biomechanical Constitutive Parameters of Passive Porcine Sclera Soft Tissue. <i>Applied Bionics and Biomechanics</i> , 2022, 2022, 1-11.	0.5	1
176	A genome-wide analysis of 340,318 participants identifies four novel loci associated with the age of first spectacle wear. <i>Human Molecular Genetics</i> , 2022, , .	1.4	0
178	Ecological assessment of Black Fly (<i>Simulium damnosum</i> , <i>Sensulato</i>) breeding sites in two tributaries of Ogun river, Ogun state, Nigeria. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 220.	1.3	0
179	Smartphone Gonioscopy With a Magnifying Intraocular Lens: A Cost-effective Angle Imaging Device. <i>Journal of Glaucoma</i> , 2022, 31, 356-360.	0.8	3
180	Topical 0.1% Nepafenac versus 0.09% Bromfenac Eye Drops for Inflammation after Laser Peripheral Iridotomy. <i>Ophthalmology Glaucoma</i> , 2022, , .	0.9	0
181	Urinary Albumin to Creatinine Ratio to Predict Diabetic Retinopathy: The Eyes Have It!. <i>Cureus</i> , 2022, 14, e22902.	0.2	1
182	Long-Term Oral Administration of Salidroside Alleviates Diabetic Retinopathy in db/db Mice. <i>Frontiers in Endocrinology</i> , 2022, 13, 861452.	1.5	2
183	A systematic review of clinical practice guidelines for myopic macular degeneration. <i>Journal of Global Health</i> , 2022, 12, 04026.	1.2	9
184	Rapid Objective Testing of Visual Function Matched to the ETDRS Grid and Its Diagnostic Power in Age-Related Macular Degeneration. <i>Ophthalmology Science</i> , 2022, 2, 100143.	1.0	8
185	Classification of Visual Field Abnormalities in Highly Myopic Eyes without Pathologic Change. <i>Ophthalmology</i> , 2022, 129, 803-812.	2.5	14
186	High-Coverage Serum Metabolomics Reveals Metabolic Pathway Dysregulation in Diabetic Retinopathy: A Propensity Score-Matched Study. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 822647.	1.6	7
187	Demand preferences for health management services in a population of older adults with visual impairment in China: a conjoint analysis. <i>BMC Geriatrics</i> , 2022, 22, 252.	1.1	1
188	A digital online platform for education and certification of diabetic retinopathy health care professionals in the Region of Southern Denmark. <i>Acta Ophthalmologica</i> , 2022, 100, 589-595.	0.6	3
189	Prevalence, Years Lived With Disability, and Time Trends for 16 Causes of Blindness and Vision Impairment: Findings Highlight Retinopathy of Prematurity. <i>Frontiers in Pediatrics</i> , 2022, 10, 735335.	0.9	11
190	Assessment of the readability and quality of online patient education materials for the medical treatment of open-angle glaucoma. <i>BMJ Open Ophthalmology</i> , 2022, 7, e000966.	0.8	7

#	ARTICLE	IF	CITATIONS
191	Automated diagnosis of age-related macular degeneration using multi-modal vertical plane feature fusion via deep learning. <i>Medical Physics</i> , 2022, 49, 2324-2333.	1.6	3
192	Prevalence and causes of visual impairment and blindness in Lao People's Democratic Republic: the Vientiane Eye Study. <i>British Journal of Ophthalmology</i> , 2023, 107, 1178-1183.	2.1	1
193	Real-world outcomes of a clinical decision support system for diabetic retinopathy in Spain. <i>BMJ Open Ophthalmology</i> , 2022, 7, e000974.	0.8	2
194	Quality of refractive error care (Q.REC) in Cambodia, Malaysia and Pakistan: protocol for a cross-sectional unannounced standardised patient study. <i>BMJ Open</i> , 2022, 12, e057594.	0.8	8
195	Diabetic retinopathy for the non-ophthalmologist. <i>Clinical Medicine</i> , 2022, 22, 112-116.	0.8	24
196	Music-based interventions to address well-being in people with a vision impairment: protocol for a scoping review. <i>BMJ Open</i> , 2022, 12, e054268.	0.8	1
197	Cohort profile: genomic data for 26 622 individuals from the Canadian Longitudinal Study on Aging (CLSA). <i>BMJ Open</i> , 2022, 12, e059021.	0.8	17
198	The Age-Related Macular Degeneration (AMD)-Preventing Mechanism of Natural Products. <i>Processes</i> , 2022, 10, 678.	1.3	4
199	Evaluation of vascular endothelial growth factor (VEGF) level in the tears and serum of age-related macular degeneration patients. <i>Scientific Reports</i> , 2022, 12, 4423.	1.6	9
200	Correlation between global prevalence of vision impairment and depressive disorders. <i>European Journal of Ophthalmology</i> , 2022, 32, 3227-3236.	0.7	4
201	Editorial: Computational Medicine in Visual Impairment and Its Related Disorders. <i>Frontiers in Medicine</i> , 2022, 9, 857485.	1.2	0
202	A Smartphone-Based Mobility Assistant Using Depth Imaging for Visually Impaired and Blind. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2802.	1.3	19
203	Clinical approach to vision loss: a review for general physicians. <i>Clinical Medicine</i> , 2022, 22, 95-99.	0.8	1
204	Prevalence and Antimicrobial Resistance of Causative Agents to Ocular Infections. <i>Antibiotics</i> , 2022, 11, 463.	1.5	6
205	Chinmedomics Strategy for Elucidating the Pharmacological Effects and Discovering Bioactive Compounds From Keluoxin Against Diabetic Retinopathy. <i>Frontiers in Pharmacology</i> , 2022, 13, 728256.	1.6	11
206	The effects of balance and core stability training on postural control in people with visual impairment: A systematic review. <i>British Journal of Visual Impairment</i> , 2023, 41, 528-541.	0.5	3
207	Crocin as a vision supplement. <i>Australasian journal of optometry, The</i> , 2023, 106, 249-256.	0.6	5
208	Selective laser trabeculoplasty for glaucoma in sub-Saharan Africa. <i>The Lancet Global Health</i> , 2022, 10, e334.	2.9	0

#	ARTICLE	IF	CITATIONS
227	Exploring the Reasons for Low Cataract Surgery Uptake Among Patients Detected in a Community Outreach Program in Cameroon: Focused Ethnographic Mixed Methods Study. <i>Jmirx Med</i> , 2022, 3, e35044.	0.2	5
228	Eye Accommodation Sensing for Adaptive Focus Adjustment. , 2021, 2021, 7460-7464.		0
229	Risk Factors for Progression to Referable Diabetic Eye Disease in People With Diabetes Mellitus in Auckland, New Zealand: A 12-Year Retrospective Cohort Analysis. <i>Asia-Pacific Journal of Ophthalmology</i> , 2021, 10, 579-589.	1.3	6
230	Effect of Fenofibrate Therapy on Laser Treatment for Diabetic Retinopathy: A Meta-Analysis of Randomized Controlled Trials. <i>Diabetes Care</i> , 2022, 45, e1-e2.	4.3	6
231	Distinct Mechanisms of Human Retinal Endothelial Barrier Modulation In Vitro by Mediators of Diabetes and Uveitis. <i>Life</i> , 2022, 12, 33.	1.1	6
232	The Association of Ambient Air Pollution With Cataract Surgery in UK Biobank Participants: Prospective Cohort Study. , 2021, 62, 7.		10
233	Anti-vascular endothelial growth factor therapy for age-related macular degeneration: a systematic review and network meta-analysis. <i>Systematic Reviews</i> , 2021, 10, 315.	2.5	2
234	Risk of Glaucoma Associated with Components of Metabolic Disease in Taiwan: A Nationwide Population-Based Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 305.	1.2	0
235	The influence of etiology on surgical outcomes in neovascular glaucoma. <i>BMC Ophthalmology</i> , 2021, 21, 440.	0.6	6
236	Computer vision methods for visually impaired people. , 2021, , .		1
237	The prevalence of refractive errors in college students in Israel. <i>Journal of Optometry</i> , 2022, 15, 284-292.	0.7	6
238	Current pattern of ocular trauma as seen in tertiary institutions in south-eastern Nigeria. <i>BMC Ophthalmology</i> , 2021, 21, 420.	0.6	6
239	Macular and submacular choroidal microvasculature in patients with primary open-angle glaucoma and high myopia. <i>British Journal of Ophthalmology</i> , 2023, 107, 650-656.	2.1	5
240	Prevalence of blindness and distance vision impairment in the Gambia across three decades of eye health programming. <i>British Journal of Ophthalmology</i> , 2023, 107, 876-882.	2.1	4
241	Topical drug delivery to the retina: obstacles and routes to success. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 9-21.	2.4	14
242	Risk of incident cataract in patients with psoriasis: A population-based cohort study. <i>Journal of Dermatology</i> , 2022, 49, 359-367.	0.6	2
243	Real-world visual outcomes of cataract surgery based on population-based studies: a systematic review. <i>British Journal of Ophthalmology</i> , 2023, 107, 1056-1065.	2.1	8
244	The Role of Metalloproteinases and Their Tissue Inhibitors on Ocular Diseases: Focusing on Potential Mechanisms. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4256.	1.8	13

#	ARTICLE	IF	CITATIONS
245	Retinal Diseases: The Next Frontier in Pharmacodelivery. <i>Pharmaceutics</i> , 2022, 14, 904.	2.0	6
246	Biliverdin/Bilirubin Redox Pair Protects Lens Epithelial Cells against Oxidative Stress in Age-Related Cataract by Regulating NF- κ B/iNOS and Nrf2/HO-1 Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	3
247	Prediction of manifest refraction using machine learning ensemble models on wavefront aberrometry data. <i>Journal of Optometry</i> , 2022, 15, S22-S31.	0.7	2
248	Comparison of vision-related quality of life in patients with homonymous hemianopia and monocular blindness. <i>Scientific Reports</i> , 2022, 12, 6558.	1.6	1
249	Intravitreal application of epidermal growth factor in non-exudative age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2021-319582.	2.1	1
250	High myopia as risk factor for the 10-year incidence of open-angle glaucoma in the Beijing Eye Study. <i>British Journal of Ophthalmology</i> , 2023, 107, 935-940.	2.1	15
251	Incidence, causes and risk factors of vision loss in rural Southern China: 6-year follow-up of the Yangxi Eye Study. <i>British Journal of Ophthalmology</i> , 2023, 107, 1190-1196.	2.1	4
252	Commentary: Analyzing prevalence and risk factors of cataract: Its importance and effort. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 1605.	0.5	0
253	Vision centre helps reduce blindness and vision impairment. Proof of concept in a four-year longitudinal study in an urban area in India. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 1742.	0.5	2
254	Prevalence and risk factors for cataracts in the Lao People's Democratic Republic: The Vientiane Eye Study. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 1599.	0.5	2
255	Population-based assessment of barriers for uptake of eye care services among elderly people: Findings from rapid assessment of visual impairment studies from Telangana, India. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 1749.	0.5	6
256	Distinct and Overlapping Metabolites Associated with Visual Impairment and Cognitive Impairment. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
257	Patients's Perception of COVID-19 Preventive Measures in Ophthalmology: Satisfaction and Impact on Glaucoma Care and Follow-up. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2022, 239, 449-453.	0.3	1
258	Prevalence, Causes, and Risk Factors of Visual Impairment in Emiratis and Non-Emiratis of Dubai: A Subnational Population-Based Cross-Sectional Survey. <i>Journal of Ophthalmology</i> , 2022, 2022, 1-9.	0.6	1
259	Efficacy and Patient Tolerability of Omidenepag Isopropyl in the Treatment of Glaucoma and Ocular Hypertension. <i>Clinical Ophthalmology</i> , 2022, Volume 16, 1261-1279.	0.9	14
260	Fluorescent Nanosystems for Drug Tracking and Theranostics: Recent Applications in the Ocular Field. <i>Pharmaceutics</i> , 2022, 14, 955.	2.0	8
261	Deep Learning for Ocular Disease Recognition: An Inner-Class Balance. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-12.	1.1	23
262	Evolution and Applications of Artificial Intelligence to Cataract Surgery. <i>Ophthalmology Science</i> , 2022, 2, 100164.	1.0	8

#	ARTICLE	IF	CITATIONS
263	Automatic Fire Detection and Notification System Based on Improved YOLOv4 for the Blind and Visually Impaired. <i>Sensors</i> , 2022, 22, 3307.	2.1	40
264	Evaluation of Hemodynamic Changes in Retrobulbar Blood Vessels Using Color Doppler Imaging in Diabetic Patients. <i>Life</i> , 2022, 12, 629.	1.1	5
265	Impact of Artificial Intelligence Assessment of Diabetic Retinopathy on Referral Service Uptake in a Low-Resource Setting. <i>Ophthalmology Science</i> , 2022, 2, 100168.	1.0	23
266	Zinc and Copper Ions Induce Aggregation of Human β 2-Crystallins. <i>Molecules</i> , 2022, 27, 2970.	1.7	5
267	Artificial Intelligence for Screening of Multiple Retinal and Optic Nerve Diseases. <i>JAMA Network Open</i> , 2022, 5, e229960.	2.8	45
268	Nanoceria for ocular diseases: recent advances and future prospects. <i>Materials Today Nano</i> , 2022, 18, 100218.	2.3	9
269	Prevalence and correlates of vision impairment and its association with cognitive impairment among older adults in India: a cross-sectional study. <i>BMJ Open</i> , 2022, 12, e054230.	0.8	3
270	Glaucoma – risk factors and current challenges in the diagnosis of a leading cause of visual impairment. <i>Maturitas</i> , 2022, 163, 15-22.	1.0	19
271	Ocular Factors of Fractal Dimension and Blood Vessel Tortuosity Derived From OCTA in a Healthy Chinese Population. <i>Translational Vision Science and Technology</i> , 2022, 11, 1.	1.1	2
272	Association between Serum Vitamin D Level and Rates of Structural and Functional Glaucomatous Progression. <i>Journal of Glaucoma</i> , 2022, Publish Ahead of Print, .	0.8	0
273	The Use and Effectiveness of Selected Alternative Markers for Insulin Sensitivity and Secretion Compared with Gold Standard Markers in Dietary Intervention Studies in Individuals without Diabetes: Results of a Systematic Review. <i>Nutrients</i> , 2022, 14, 2036.	1.7	0
274	Digital health in medicine: Important considerations in evaluating health economic analysis. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 23, 100476.	1.3	6
275	Efficacy of MP-3 microperimeter biofeedback fixation training for low vision rehabilitation in patients with maculopathy. <i>BMC Ophthalmology</i> , 2022, 22, 197.	0.6	6
276	Validation of an autonomous artificial intelligence-based diagnostic system for holistic maculopathy screening in a routine occupational health checkup context. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 3255-3265.	1.0	3
277	Polymer based sustained drug delivery to the ocular posterior segment: barriers and future opportunities for the treatment of neovascular pathologies. <i>Advanced Drug Delivery Reviews</i> , 2022, 187, 114342.	6.6	29
278	Proteomic Profiling of Aqueous Humor Exosomes from Age-related Macular Degeneration Patients. <i>International Journal of Medical Sciences</i> , 2022, 19, 893-900.	1.1	10
279	The genetic basis for adult onset glaucoma: Recent advances and future directions. <i>Progress in Retinal and Eye Research</i> , 2022, 90, 101066.	7.3	15
280	Moringa Tree, Gift of Nature: a Review on Nutritional and Industrial Potential. <i>Current Pharmacology Reports</i> , 2022, 8, 262-280.	1.5	18

#	ARTICLE	IF	CITATIONS
281	Association of Diabetes Medication With Open-Angle Glaucoma, Age-Related Macular Degeneration, and Cataract in the Rotterdam Study. <i>JAMA Ophthalmology</i> , 2022, 140, 674.	1.4	15
282	Different impact of early and late stages irreversible eye diseases on vision-specific quality of life domains. <i>Scientific Reports</i> , 2022, 12, 8465.	1.6	3
283	Efficacy and Safety of the Preserflo Microshunt With Mitomycin C for the Treatment of Open Angle Glaucoma. <i>Journal of Glaucoma</i> , 2022, 31, 557-566.	0.8	8
284	Use of antihypertensive medications and the risk of glaucoma onset: Findings from the 45 and Up Study. <i>Clinical and Experimental Ophthalmology</i> , 2022, 50, 598-607.	1.3	2
285	Computer-aided diagnosis system for retinal disorder classification using optical coherence tomography images. <i>Biomedizinische Technik</i> , 2022, 67, 283-294.	0.9	10
286	Exploring Vision-Related Quality of Life: A Qualitative Study Comparing Patients' Experience of Cataract Surgery with a Standard Monofocal IOL and an Enhanced Monofocal IOL. <i>Clinical Ophthalmology</i> , 0, Volume 16, 1641-1652.	0.9	4
287	Assessment of knowledge, attitude, and practice of glaucoma among different cadres of optometrists. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 2014.	0.5	1
288	Commentary: Patterns of treatment discontinuation in neovascular age-related macular degeneration. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 2070.	0.5	0
289	Comparison of eyecare utilization at two service delivery levels during the COVID-19 pandemic as a measure of their impact: A multicentric retrospective analysis across four North Indian high-volume eyecare organizations. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 2146.	0.5	1
290	Association of Built Environment Attributes with Screening Myopia Among Children and Adolescents: Large-Sample, Cross-Sectional, Observational Evidence from Shanghai, China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
291	Patterns of treatment discontinuation in patients receiving anti-vascular endothelial growth factor for neovascular age-related macular degeneration. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 2065.	0.5	4
292	Recommendations for Off-Label Drug Use in Ophthalmology in China: A Clinical Practice Guideline. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	0
293	Vision Impairment Has Implications for Aging and Health Outcomes, Beyond Ophthalmology. <i>JAMA Network Open</i> , 2022, 5, e2214610.	2.8	6
294	Harnessing the Neuroprotective Behaviors of Müller Glia for Retinal Repair. <i>Frontiers in Bioscience</i> , 2022, 27, 169.	0.8	5
295	Update of a Simple Model to Calculate the Annual Global Productivity Loss Due to Blindness and Moderate and Severe Vision Impairment. <i>Ophthalmic Epidemiology</i> , 0, , 1-9.	0.8	1
296	Difference in Quality of Vision Outcome among Extended Depth of Focus, Bifocal, and Monofocal Intraocular Lens Implantation. <i>Healthcare (Switzerland)</i> , 2022, 10, 1000.	1.0	1
297	Balancing Data through Data Augmentation Improves the Generality of Transfer Learning for Diabetic Retinopathy Classification. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5363.	1.3	8
298	Will treating progressive myopia overwhelm the eye care workforce? A workforce modelling study. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 1092-1102.	1.0	2

#	ARTICLE	IF	CITATIONS
299	Central retinal artery: branching patterns on the disc of optic nerve. Reports of Morphology, 2022, 28, 13-19.	0.0	0
300	Current and Novel Therapeutic Approaches for Treatment of Diabetic Macular Edema. Cells, 2022, 11, 1950.	1.8	19
301	Vision-related convergent gene losses reveal SERPINE3's unknown role in the eye. ELife, 0, 11, .	2.8	9
302	Intersectionality and access to visual rehabilitation services: Experiences of people with low vision, a qualitative study. British Journal of Visual Impairment, 2023, 41, 831-842.	0.5	2
303	Associations Between Sleep Duration and Sensory Impairments Among Older Adults in China. Frontiers in Aging Neuroscience, 0, 14, .	1.7	4
304	Recent Advances of Intraocular Lens Materials and Surface Modification in Cataract Surgery. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	12
305	Dietary Flavonoid Intake and Chronic Sensory Conditions: A Scoping Review. Antioxidants, 2022, 11, 1214.	2.2	3
306	An Extended Usability and UX Evaluation of a Mobile Application for the Navigation of Individuals with Blindness and Visual Impairments Outdoors"An Evaluation Framework Based on Training. Sensors, 2022, 22, 4538.	2.1	9
307	Human (but not animal) motion can be recognized at first sight " After treatment for congenital blindness. Neuropsychologia, 2022, 174, 108307.	0.7	3
308	The incidence of falls after first and second eye cataract surgery: a longitudinal cohort study. Medical Journal of Australia, 2022, 217, 94-99.	0.8	12
309	The correlation between serum albumin and diabetic retinopathy among people with type 2 diabetes mellitus: NHANES 2011"2020. PLoS ONE, 2022, 17, e0270019.	1.1	5
310	A Systematic Review of the Effects of Second-Eye Cataract Surgery on Motor Function. Frontiers in Aging, 0, 3, .	1.2	1
311	Interleukin-17A attenuates photoreceptor cell apoptosis in streptozotocin-induced diabetic mouse model. Bioengineered, 2022, 13, 14175-14187.	1.4	4
312	A Systematic Review of Clinical Practice Guidelines for Cataract: Evidence to Support the Development of the WHO Package of Eye Care Interventions. Vision (Switzerland), 2022, 6, 36.	0.5	8
313	Fixation disparity and refractive error among first-year optometry students. Journal of Optometry, 2022, , .	0.7	0
314	Prevalence and Causes of Visual Impairment and Blindness in Elderly Population; an Urgent Geriatric Health Issue: Tehran Geriatric Eye Study (TGES). Ophthalmic Epidemiology, 2023, 30, 249-259.	0.8	5
315	Association of Visual, Hearing, and Dual Sensory Impairment With Incident Dementia. Frontiers in Aging Neuroscience, 0, 14, .	1.7	7
316	Short-Term Efficacy and Safety of Open Conjunctiva Ab Externo XEN45 Gel Stent Implantation in Glaucoma Patients. Journal of Glaucoma, 2022, 31, 757-762.	0.8	3

#	ARTICLE	IF	CITATIONS
317	Visually significant cataract and associated factors among older people attending a community ophthalmic service in central Gondar Zone, Northwest Ethiopia: a cross-sectional study. <i>Journal of International Medical Research</i> , 2022, 50, 030006052211047.	0.4	0
318	TeleOftalmo: estratégia de ampliação da oferta de tele diagnósticos oftalmológicos para a atenção primária à saúde no Sul do Brasil. <i>Cadernos De Saude Publica</i> , 2022, 38, .	0.4	1
319	Involvement of transient receptor potential channels in ocular diseases: a narrative review. <i>Annals of Translational Medicine</i> , 2022, 10, 839-839.	0.7	4
320	Comparison of Optical Attenuation Extraction Methods for Glaucoma Assessment. , 2022, , .		0
321	Prototype of a sensory network of IR signaling by means of an electronic anticovid face shield for the targeting of blind people in Callao, Peru. , 2022, , .		0
322	High Blood Pressure and Intraocular Pressure: A Mendelian Randomization Study. , 2022, 63, 29.		15
323	Screening of Diabetic Retinopathy Using Teleophthalmology to Complement Human Resources for Eye Health: A Systematic Review and Meta-Analysis. <i>Clinics and Practice</i> , 2022, 12, 457-467.	0.6	4
324	Trends in cataract surgical treatment within the Brazilian national public health system over a 20-year period: Implications for Universal Eye Health as a global public health goal. <i>PLOS Global Public Health</i> , 2022, 2, e0000328.	0.5	1
325	The current use of glaucoma virtual clinics in Europe. <i>Eye</i> , 0, , .	1.1	0
326	mTOR Signalling Pathway: A Potential Therapeutic Target for Ocular Neurodegenerative Diseases. <i>Antioxidants</i> , 2022, 11, 1304.	2.2	8
327	CO2 Laser-Assisted Sclerectomy Surgery Alone or Combined with Phacoemulsification in Primary Open-Angle Glaucoma: Comparison of 1-Year Outcomes. <i>Ophthalmology and Therapy</i> , 0, , .	1.0	1
328	Trabeculectomy With Antimetabolite Agents for Normal Tension Glaucoma: A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	3
329	Hip Fractures and Visual Impairment: Is There a Cause-“Consequence Mechanism?. <i>Journal of Clinical Medicine</i> , 2022, 11, 3926.	1.0	2
330	Bionic eye system mimicking microfluidic structure and intraocular pressure for glaucoma surgery training. <i>PLoS ONE</i> , 2022, 17, e0271171.	1.1	0
331	Relationship between cooking fuel and lens opacities in South India: a 15-year prospective cohort study. <i>American Journal of Ophthalmology</i> , 2022, , .	1.7	0
332	A prospective randomized clinical trial of active-fluidics versus gravity-fluidics system in phacoemulsification for age-related cataract (AGSPC). <i>Annals of Medicine</i> , 2022, 54, 1977-1987.	1.5	4
333	The Role of Dysregulated miRNAs in the Pathogenesis, Diagnosis and Treatment of Age-Related Macular Degeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7761.	1.8	3
334	Cell atlas of the human ocular anterior segment: Tissue-specific and shared cell types. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	39

#	ARTICLE	IF	CITATIONS
335	Automated image curation in diabetic retinopathy screening using deep learning. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
336	Neutrophil-Lymphocyte Ratios in Dry Age-Related Macular Degeneration. <i>Ocular Immunology and Inflammation</i> , 2023, 31, 1647-1652.	1.0	3
337	Patterns of Blindness in the Navajo Nation: A 9-Year Study. <i>Vision (Switzerland)</i> , 2022, 6, 43.	0.5	0
338	A simulator with realistic and challenging scenarios for virtual T1D patients undergoing CSII and MDI therapy. <i>Journal of Biomedical Informatics</i> , 2022, 132, 104141.	2.5	6
339	Investigation of Biomedical Studentsâ€™ Knowledge on Glaucoma Reveals a Need for Education: A Cross-Sectional Study. <i>Healthcare (Switzerland)</i> , 2022, 10, 1241.	1.0	0
340	Efficacy and safety of trabeculectomy versus peripheral iridectomy plus goniotomy in advanced primary angle-closure glaucoma: study protocol for a multicentre, non-inferiority, randomised controlled trial (the TVG study). <i>BMJ Open</i> , 2022, 12, e062441.	0.8	3
341	Visual acuity of urban and rural adults in a coastal province of southern China: the Fujian Eye Study. <i>International Journal of Ophthalmology</i> , 2022, 15, 1157-1164.	0.5	1
342	The Association Between Diabetic Retinopathy and the Prevalence of Age-Related Macular Degenerationâ€”The Kailuan Eye Study. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	4
343	Hyaluronic Acid: Its Versatile Use in Ocular Drug Delivery with a Specific Focus on Hyaluronic Acid-Based Polyelectrolyte Complexes. <i>Pharmaceutics</i> , 2022, 14, 1479.	2.0	12
344	Changes in Visual Impairment due to Diabetic Retinopathy During 1980â€”2019 Based on Nationwide Register Data. <i>Diabetes Care</i> , 2022, 45, 2020-2027.	4.3	9
345	Visual Acuity Outcomes in Diseases Associated with Reduced Visual Acuity: An Analysis of the National Health Insurance Service Database in Korea. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8689.	1.2	0
346	The prevalence and causes of pediatric uncorrected refractive error: Pooled data from population studies for Global Burden of Disease (GBD) sub-regions. <i>PLoS ONE</i> , 2022, 17, e0268800.	1.1	6
347	Depth-resolved Extraction of Optical Attenuation for Glaucoma Assessment in Clinical Settings: A Pilot Study. <i>Biomedical Optics Express</i> , 0, , .	1.5	1
348	Photoreceptor and vision protective effects of astragaloside IV in mice model with light-evoked retinal damage. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113404.	2.5	0
349	Does low infusion pressure microincision cataract surgery (LIPMICS) reduce frequency of post-occlusion breaks?. <i>Romanian Journal of Ophthalmology</i> , 2022, 66, .	0.4	1
350	Evidence Suggesting the Role of Gut Dysbiosis in Diabetic Retinopathy. , 2022, 63, 21.		6
351	Plasma Apolipoproteins Predicting the Occurrence and Severity of Diabetic Retinopathy in Patients With Type 2 Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	7
352	Computer-aided Cataract Grading Under Adversarial Environment. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
353	A Multicenter Clinical Study of the Automated Fundus Screening Algorithm. <i>Translational Vision Science and Technology</i> , 2022, 11, 22.	1.1	10
354	Probing region-resolved heterogeneity of phosphoproteome in human lens by hybrid metal organic frameworks. <i>Chinese Chemical Letters</i> , 2023, 34, 107716.	4.8	8
355	Blindness and visual impairment and their causes in India: Results of a nationally representative survey. <i>PLoS ONE</i> , 2022, 17, e0271736.	1.1	28
356	Economic Aspects in the Management of Diabetic Macular Edema in Italy. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	0
357	Associations of exposure to multiple metals with the risk of age-related cataract in Anhui, China: a caseâ€“control study. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	2
358	Astigmatism profile in the elderly population: Tehran Geriatric Eye Study. <i>Japanese Journal of Ophthalmology</i> , 2022, 66, 461-473.	0.9	1
359	The role of Vitamin D3 in ocular fibrosis and its therapeutic potential for the glaucomatous trabecular meshwork. <i>Frontiers in Ophthalmology</i> , 0, 2, .	0.2	0
360	Diabetic retinopathy screening and treatment through the Brazilian National Health Insurance. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
361	One-Year Outcomes of Standalone XEN Gel Stent Versus Nonpenetrating Deep Sclerectomy. <i>Journal of Glaucoma</i> , 2022, 31, 955-965.	0.8	1
363	The Possible Positive Mechanisms of Pirenoxine in Cataract Formation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9431.	1.8	5
364	Primary eye health services for older adults as a component of universal health coverage: a scoping review of evidence from high income countries. <i>The Lancet Regional Health - Western Pacific</i> , 2023, 35, 100560.	1.3	3
365	Changing trends in the air pollutionâ€“related disease burden from 1990 to 2019 and its predicted level in 25Years. <i>Environmental Science and Pollution Research</i> , 2023, 30, 1761-1773.	2.7	5
366	Eye drop instillation technique among patients with glaucoma and evaluation of pharmacistsâ€™ roles in improving their technique: an exploratory study. <i>International Journal of Pharmacy Practice</i> , 2022, 30, 520-525.	0.3	1
367	Waiting Time and Patient Satisfaction in a Subspecialty Eye Hospital Using a Mobile Data Collection Kit: Pre-Post Quality Improvement Intervention. <i>Jmirx Med</i> , 2022, 3, e34263.	0.2	8
368	Highâ€“Resolution Imaging of the Ocular Vasculature of Conjunctivitis in Mice Using Highly Bright Polymer Dots. <i>Advanced Healthcare Materials</i> , 2022, 11, .	3.9	2
369	Photodisruption of the Inner Limiting Membrane: Exploring ICG Loaded Nanoparticles as Photosensitizers. <i>Pharmaceutics</i> , 2022, 14, 1716.	2.0	6
370	Prevalence, characteristics and risk factors of diabetic retinopathy in type 2 diabetes mellitus patients in Jordan: a cross-sectional study. <i>Journal of International Medical Research</i> , 2022, 50, 030006052211151.	0.4	1
371	Visual impairment due to ageâ€“related macular degeneration during 40â€“years in Finland and the impact of novel therapies. <i>Acta Ophthalmologica</i> , 0, , .	0.6	3

#	ARTICLE	IF	CITATIONS
372	Understanding patient preferences in anti-VEGF treatment options for age-related macular degeneration. PLoS ONE, 2022, 17, e0272301.	1.1	2
373	Intravitreal aflibercept for the treatment of patients with diabetic macular edema in routine clinical practice in Latin America: the AQUILA study. International Journal of Retina and Vitreous, 2022, 8, .	0.9	3
374	Hand grip strength and ocular associations: the Ural Eye and Medical Study. British Journal of Ophthalmology, 0, , bjophthalmol-2022-321404.	2.1	1
375	Deep learning: applications in retinal and optic nerve diseases. Australasian journal of optometry, The, 2023, 106, 466-475.	0.6	3
377	Characterization of the Structural and Functional Alteration in Eyes with Diabetic Macular Ischemia. Ophthalmology Retina, 2023, 7, 142-152.	1.2	7
378	Sex- and gender-differences in chronic long-term complications of type 1 and type 2 diabetes mellitus in Italy. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 2297-2309.	1.1	4
379	Retinal Vessel Segmentation, a Review of Classic and Deep Methods. Annals of Biomedical Engineering, 2022, 50, 1292-1314.	1.3	16
380	Governmental support for achieving "VISION 2020: the Right to Sight" in Iran: the cataract surgical rates. BMC Ophthalmology, 2022, 22, .	0.6	0
381	A pilot cost-benefit analysis of a children's spectacle reimbursement scheme: Evidence for Including children's spectacles in Mongolia's Social Health Insurance. PLoS ONE, 2022, 17, e0273032.	1.1	0
382	Longitudinal associations between self-reported vision impairment and all-cause mortality: a nationally representative cohort study among older Chinese adults. British Journal of Ophthalmology, 2023, 107, 1597-1605.	2.1	3
383	Single-cell transcriptome analysis of regenerating RGCs reveals potent glaucoma neural repair genes. Neuron, 2022, 110, 2646-2663.e6.	3.8	18
384	Levels of Trace Elements in the Lens, Aqueous Humour, and Plasma of Cataractous Patients" A Narrative Review. International Journal of Environmental Research and Public Health, 2022, 19, 10376.	1.2	5
385	Long Non-Coding RNA H19 Prevents Lens Fibrosis through Maintaining Lens Epithelial Cell Phenotypes. Cells, 2022, 11, 2559.	1.8	4
386	Automatic detection of glaucoma via fundus imaging and artificial intelligence: A review. Survey of Ophthalmology, 2023, 68, 17-41.	1.7	18
387	Vision recovery with perceptual learning and non-invasive brain stimulation: Experimental set-ups and recent results, a review of the literature. Restorative Neurology and Neuroscience, 2022, 40, 137-168.	0.4	4
388	Prevalence of visual impairment due to refractive error among children and adolescents in Ethiopia: A systematic review and meta-analysis. PLoS ONE, 2022, 17, e0271313.	1.1	3
389	Interventions for Glaucoma Medication Adherence Improvement. Ophthalmology, 2022, 129, 1294-1304.	2.5	8
390	Diabetic Retinopathy Telemedicine Outcomes With Artificial Intelligence-Based Image Analysis, Reflex Dilation, and Image Overread. American Journal of Ophthalmology, 2022, 244, 125-132.	1.7	7

#	ARTICLE	IF	CITATIONS
391	A longitudinal analysis of factors associated with age-related cataract among older Australian women: a cohort study of 7851 older Australian women 79â€“90Âyears. Irish Journal of Medical Science, 0, , .	0.8	4
392	Nanogel development and its importance in ophthalmic drug delivery system. Current Nanomedicine, 2022, 12, .	0.2	1
393	Visual Field Prediction. Ophthalmology Science, 2023, 3, 100222.	1.0	6
394	The aging eye and age-related ocular pathologies. , 2023, , 319-338.		0
395	A prospective, randomized, parallel group, double blind, multicenter^{Â®} in patients with neovascular age-related macular degeneration. Indian Journal of Ophthalmology, 2022, 70, 3008.	0.5	9
396	Potential impact of fluorescein angiography as a primary imaging modality in the management of diabetic retinopathy. Indian Journal of Ophthalmology, 2022, 70, 3579.	0.5	2
397	Survey of blindness in Saki East, Oyo State, Nigeria. Journal of the West African Colleges of Surgeons, 2022, 12, 41.	0.0	0
398	Prevalence and distribution of refractive errors among ophthalmic patients in Madang Province, Papua New Guinea. Journal of Current Ophthalmology, 2022, 34, 223.	0.3	0
399	Inclusive'R'Stories: An Inclusive Storytelling Activity with an Emotional Robot. , 2022, , .		3
400	Eye Care in the Low Resource Setting. Advances in Medical Education, Research, and Ethics, 2022, , 168-200.	0.1	0
401	Meta learning for anomaly detection in fundus photographs. , 2023, , 301-329.		0
402	Nanostructured lipid carriers (NLCs) stabilized by natural or synthetic emulsifiers for lutein delivery: Improved physicochemical stability, antioxidant activity, and bioaccessibility. Food Chemistry, 2023, 403, 134465.	4.2	19
403	Multi-Expert Deep Networks for Multi-Disease Detection in Retinal Fundus Images. , 2022, , .		5
404	MVD-Net: Semantic Segmentation of Cataract Surgery Using Multi-View Learning. , 2022, , .		0
405	Formation of a system of target indicators for rating and integral evaluation of the efficiency of the organization of the provision of medical care to patients with diabetes mellitus in the Russian Federation regions. Diabetes Mellitus, 2022, 25, 304-312.	0.5	0
406	Quantitative changes in iris and retinal blood flow after femtosecond laser-assisted in situ keratomileusis and small-incision lenticule extraction. Frontiers in Medicine, 0, 9, .	1.2	2
407	Customizable Collagen Vitrigel Membranes and Preliminary Results in Corneal Engineering. Polymers, 2022, 14, 3556.	2.0	1
408	Three-Year Outcomes of a Schlemm Canal Microstent (Hydrus Microstent) with Concomitant Phacoemulsification in Open-Angle Glaucoma. Ophthalmology Glaucoma, 2023, 6, 137-146.	0.9	4

#	ARTICLE	IF	CITATIONS
409	Prevalence of refractive error in Portugal – A systematic review and meta-analysis. <i>Journal of Optometry</i> , 2023, 16, 182-188.	0.7	2
411	The Prevalence and Risk Factors of Diabetic Retinopathy: Screening and Prophylaxis Project in 6 Provinces of China. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 0, Volume 15, 2911-2925.	1.1	4
412	A single intravenous injection of cyclosporin A – loaded lipid nanocapsules prevents retinopathy of prematurity. <i>Science Advances</i> , 2022, 8, .	4.7	8
413	Ophthalmic imaging in diabetic retinopathy: A review. <i>Clinical and Experimental Ophthalmology</i> , 2022, 50, 1082-1096.	1.3	19
414	ĐžŃ,Ń,Đ°Đ»ŃCED¼Đ¾Đ»Đ¾Đ¾Ń–Ń†Đ½Đ° Ń...Đ°ŃED°Đ°Ń,ĐµŃED,ŃŃ,Đ,Đ°Đ°Ń,Đ° Đ¿ŃED¾Đ¾Đ½Đ¾Đ. ŃŃ,Đ°Đ.Ń–Đ¹ Đ¿ĐµŃED²Đ¿		
415	Ocular Complications of Diabetes and Therapeutic Approaches. <i>Journal of Clinical Medicine</i> , 2022, 11, 5170.	1.0	3
416	Genomic Ancestry as Biomarkers. <i>Biomarkers in Disease</i> , 2023, , 669-680.	0.0	0
418	Genetic and clinical landscape of <i>ARR3</i> -associated MYP26: the most common cause of Mendelian early-onset high myopia with a unique inheritance. <i>British Journal of Ophthalmology</i> , 2023, 107, 1545-1553.	2.1	10
419	Autophagy Mediates MMP-2 Expression in Glaucomatous Trabecular Meshwork Cells. <i>Journal of Ophthalmology</i> , 2022, 2022, 1-9.	0.6	1
420	Human Pro370Leu Mutant Myocilin Induces the Phenotype of Open-Angle Glaucoma in Transgenic Mice. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 2021-2033.	1.7	7
421	Ocular barriers as a double-edged sword: preventing and facilitating drug delivery to the retina. <i>Drug Delivery and Translational Research</i> , 2023, 13, 547-567.	3.0	6
423	Factors Associated with Ophthalmology Referral and Adherence in a Teleretinal Screening Program: Insights from a Federally Qualified Health Center. <i>Clinical Ophthalmology</i> , 0, Volume 16, 3019-3031.	0.9	5
424	Cost-Effectiveness of Presbyopia Correction Among Seven Strategies of Bilateral Cataract Surgery Based on a Prospective Single-Blind Two-Center Trial in China. <i>Ophthalmology and Therapy</i> , 0, .	1.0	1
425	Association of Drugs With Acute Angle Closure. <i>JAMA Ophthalmology</i> , 2022, 140, 1055.	1.4	4
426	Ischemia Modified Albumin (IMA) as a New Biomarker in the Ophthalmology Field: A Brief Literature Review. <i>Open Ophthalmology Journal</i> , 2022, 16, .	0.1	0
428	Impact of cerebral hypoperfusion – reperfusion on optic nerve integrity and visual function in the DBA/2J mouse model of glaucoma. <i>BMJ Open Ophthalmology</i> , 2022, 7, e001078.	0.8	2
429	Association between glycemic traits and primary open-angle glaucoma: A Mendelian randomization study in the Japanese population. <i>American Journal of Ophthalmology</i> , 2022, , .	1.7	1
430	Factors Influencing Visual Improvement after Phacoemulsification Surgery among Malaysian Cataract Patients. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 11485.	1.2	0

#	ARTICLE	IF	CITATIONS
431	Impact of an intervention for avoidable vision loss on visual function in the elderlyâ€“The Hyderabad Ocular Morbidity in Elderly Study (HOMES). <i>Eye</i> , 0, .	1.1	2
432	Artificial intelligence promotes the diagnosis and screening of diabetic retinopathy. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	15
433	Mispositioned Hydrus Microstents: A Case Series Imaged with NIDEK GS-1 Gonioscope. <i>Journal of Ophthalmology</i> , 2022, 2022, 1-5.	0.6	5
434	Ciliochoroidal effusion and its association with the outcomes of micropulse transscleral laser therapy in glaucoma patients: a pilot study. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
435	WHO Vision 2020: Have We Done It?. <i>Ophthalmic Epidemiology</i> , 2023, 30, 331-339.	0.8	10
436	Communicating about Data to Achieve Change. <i>Health Data Science</i> , 2022, 2022, .	1.1	0
438	Glaucoma and Alzheimer: Neurodegenerative disorders show an adrenergic dysbalance. <i>PLoS ONE</i> , 2022, 17, e0272811.	1.1	1
439	A systematic review of the current availability of mobile applications in eyecare practices. <i>European Journal of Ophthalmology</i> , 2023, 33, 754-766.	0.7	2
440	Presbyopia: An outstanding and global opportunity for early detection of pre-frailty and frailty states. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	1
441	Ageâ€related macular degeneration and myeloproliferative neoplasms â€“ A common pathway. <i>Acta Ophthalmologica</i> , 2022, 100, 3-35.	0.6	3
442	Comparison of corneal endothelial cell loss during manual small-incision cataract surgery using viscoelastic-assisted nucleus removal versus continuous balanced salt solution plus technique - Randomized controlled trial. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 3960.	0.5	2
443	Comparison of the outcomes of phacoemulsification and manual small-incision cataract surgery in posterior polar cataract - A retrospective study. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 3977.	0.5	2
444	On refraction shift after trabeculectomy. <i>Vestnik Oftalmologii</i> , 2022, 138, 147.	0.1	2
445	Why learn manual small-incision cataract surgery?. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 3753.	0.5	0
446	Evolution of manual small-incision cataract surgery from 8 mm to 2 mm - A comprehensive review. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 3773.	0.5	3
447	Factors affecting surgically induced astigmatism in manual small-incision cataract surgery. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 3779.	0.5	2
448	Differences in Multifocal Electroretinogram Study in Two Populations of Type 1 and Type 2 Diabetes Mellitus Patients without Diabetic Retinopathy. <i>Journal of Clinical Medicine</i> , 2022, 11, 5824.	1.0	0
449	Case report: Findings of automated perimetry during a migraine episode in a patient with glaucoma. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	0

#	ARTICLE	IF	CITATIONS
450	An extended usability and UX evaluation of a mobile application for the navigation of individuals with blindness and visual impairments indoors: An evaluation approach combined with training sessions. <i>British Journal of Visual Impairment</i> , 2024, 42, 86-123.	0.5	1
451	Injectable Polymerâ€Nanoparticle Hydrogel for the Sustained Intravitreal Delivery of Bimatoprost. <i>Advanced Therapeutics</i> , 2023, 6, .	1.6	3
452	Lower hydration status increased diabetic retinopathy among middle-aged adults and older adults: Results from NHANES 2005-2008. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	6
453	Long-Term Retinal Vascular Changes in Age-Related Macular Degeneration Measured Using Optical Coherence Tomography Angiography. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2022, 53, 529-536.	0.4	2
454	Artificial Intelligence to Aid Glaucoma Diagnosis and Monitoring: State of the Art and New Directions. <i>Photonics</i> , 2022, 9, 810.	0.9	8
455	Development and Validation of the First Smart TV-Based Visual Acuity Test: A Prospective Study. <i>Healthcare (Switzerland)</i> , 2022, 10, 2117.	1.0	1
456	Acceptance and Perception of Artificial Intelligence Usability in Eye Care (APPRAISE) for Ophthalmologists: A Multinational Perspective. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	10
457	Effects of cataract surgery on blinking. <i>Journal of Cataract and Refractive Surgery</i> , 2023, 49, 177-183.	0.7	0
459	Two-year outcomes of the APOLLON observational study of intravitreal aflibercept monotherapy in France in patients with diabetic macular edema. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
460	Exogenous hormone use and the risk of surgically treated cataract: Evidence from 91â€™%760 female participants in the 45 and Up Study. <i>Acta Ophthalmologica</i> , 0, , .	0.6	0
461	Using electronic medical record data to establish and monitor the distribution of refractive errors. <i>Journal of Optometry</i> , 2022, 15, S32-S42.	0.7	5
463	Evaluation of the Efficacy Duration of Topical Therapies in Eyes with Primary Open-Angle Glaucoma. <i>Journal of Clinical Medicine</i> , 2022, 11, 6166.	1.0	1
464	Outcomes of Over 40,000 Eyes Treated for Diabetic Macula Edema in Routine Clinical Practice: A Systematic Review and Meta-analysis. <i>Advances in Therapy</i> , 2022, 39, 5376-5390.	1.3	6
465	Mesenchymal-Stem-Cell-Based Strategies for Retinal Diseases. <i>Genes</i> , 2022, 13, 1901.	1.0	7
466	Formal registration of visual impairment in people with diabetic retinopathy significantly underestimates the scale of the problem: a retrospective cohort study at a tertiary care eye hospital service in the UK. <i>British Journal of Ophthalmology</i> , 2023, 107, 1846-1851.	2.1	2
467	Global, regional, and national years lived with disability due to blindness and vision loss from 1990 to 2019: Findings from the Global Burden of Disease Study 2019. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	3
468	Epidemiology of Treated Diabetes Ocular Complications in France 2008â€™2018â€™The LANDSCAPE French Nationwide Study. <i>Pharmaceutics</i> , 2022, 14, 2330.	2.0	5
469	Effective refractive error coverage in adults aged 50 years and older: estimates from population-based surveys in 61 countries. <i>The Lancet Global Health</i> , 2022, 10, e1754-e1763.	2.9	8

#	ARTICLE	IF	CITATIONS
470	Prevalence and Factors Associated with Diabetic Retinopathy among Adult Diabetes Patients in Southeast Ethiopia: A Hospital-Based Cross-Sectional Study. <i>Clinical Ophthalmology</i> , 0, Volume 16, 3527-3545.	0.9	1
471	Stabilization of macular, peripapillary and papillary vascular parameters after XEN and trabeculectomy visualized by the optical coherence tomography angiography. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
472	Effective cataract surgical coverage in adults aged 50 years and older: estimates from population-based surveys in 55 countries. <i>The Lancet Global Health</i> , 2022, 10, e1744-e1753.	2.9	18
473	Prevalence and associated factors of visual impairment among adult diabetic patients visiting Adare General Hospital, Hawassa, South Ethiopia, 2022. <i>PLoS ONE</i> , 2022, 17, e0276194.	1.1	1
474	Dental management of patients with sensory impairments. <i>British Dental Journal</i> , 2022, 233, 627-633.	0.3	2
475	Applying the Health Belief Model to predict preference for surgical intervention versus medical therapy among patients with open-angle glaucoma. <i>BMJ Open Ophthalmology</i> , 2022, 7, e001113.	0.8	0
476	Knowledge, attitude, perception and education on contact lenses for refractive errors in Kenya. <i>African Vision and Eye Health</i> , 2022, 81, .	0.1	0
477	Role of Machine and Deep Learning Techniques in Diabetic Retinopathy Detection. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2022, , 32-46.	0.4	0
478	Self-Reported Sensory Decline in Older Adults Is Longitudinally Associated With Both Modality-General and Modality-Specific Factors. <i>Innovation in Aging</i> , 2022, 6, .	0.0	2
479	The Roles of Vitamins in Diabetic Retinopathy: A Narrative Review. <i>Journal of Clinical Medicine</i> , 2022, 11, 6490.	1.0	4
480	Prevalence of Age-Related Macular Degeneration in the US in 2019. <i>JAMA Ophthalmology</i> , 2022, 140, 1202.	1.4	50
481	UK Biobank retinal imaging grading: methodology, baseline characteristics and findings for common ocular diseases. <i>Eye</i> , 2023, 37, 2109-2116.	1.1	2
482	Risk-benefit analysis of the association of ambient fine particulate matter pollution and physical activity with age-related cataract: A prospective cohort study. <i>Atmospheric Pollution Research</i> , 2022, 13, 101578.	1.8	0
483	Potential for Collider Bias in Studies Examining the Association of Central Corneal Thickness With Glaucoma. , 2022, 63, 3.		1
484	Enhanced anti-cataract effect of microemulsion containing <i>Cineraria maritima</i> : Formulation, optimization and in vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 77, 103872.	1.4	1
485	Pediatric Chemical and Thermal Ocular Injuries Requiring Hospitalization in South China. <i>Seminars in Ophthalmology</i> , 0, , 1-7.	0.8	0
486	Uveitis Registries – A Digital Tool for Patient Care, Education, Research, and Collaboration. <i>Ocular Immunology and Inflammation</i> , 2023, 31, 1859-1869.	1.0	4
487	Social, Educational and Medical Aspects after Cataract Surgery of Bilaterally Blind Children in Kinshasa – Perception of Parents and Children. <i>Children</i> , 2022, 9, 1683.	0.6	0

#	ARTICLE	IF	CITATIONS
488	Functionalized hydrogels in ophthalmic applications: Ocular inflammation, corneal injuries, vitreous substitutes and intravitreal injection. <i>Materials and Design</i> , 2022, 224, 111277.	3.3	9
489	Self-reported hearing and vision impairment and incident frailty in Japanese older people: A 3-year longitudinal analysis of the Japan Gerontological Evaluation Study. <i>Archives of Gerontology and Geriatrics</i> , 2023, 104, 104834.	1.4	4
490	Impact of Generative Modeling for Fundus Image Augmentation With Improved and Degraded Quality in the Classification of Glaucoma. <i>IEEE Access</i> , 2022, 10, 111636-111649.	2.6	3
491	Preclinical Research of Mesenchymal Stem Cell-Based Therapy for Ocular Diseases. , 2022, , 323-347.		0
492	A Descriptive Analysis of Unique Disability Identification Card (UDID)-Certified Visually Disabled Patients at a Tertiary Eye Care Center in Central India. <i>Cureus</i> , 2022, , .	0.2	0
494	Prevalence of uncorrected distance refractive errors and associated risk factors in employees of an academic centre. <i>Australasian journal of optometry, The</i> , 2023, 106, 869-875.	0.6	0
495	Endoplasmic reticulum stress as an underlying factor in leading causes of blindness and potential therapeutic effects of 4-phenylbutyric acid: from bench to bedside. <i>Expert Review of Ophthalmology</i> , 0, , 1-11.	0.3	0
496	Loneliness and Social Support among the Middle-Aged and Elderly People with Visual Impairment. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 14600.	1.2	5
497	Sigma-1 receptor agonist, (+)-pentazocine, is neuroprotective in a Brown Norway rat microbead model of glaucoma. <i>Experimental Eye Research</i> , 2023, 226, 109308.	1.2	4
498	Self-reported visual impairment and depression of middle-aged and older adults: The chain-mediating effects of internet use and social participation. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	3
499	Insight into Potential Biomedical Application of Mesoporous Materials. <i>Pharmaceutics</i> , 2022, 14, 2382.	2.0	0
500	Global, regional, national burden and gender disparity of cataract: findings from the global burden of disease study 2019. <i>BMC Public Health</i> , 2022, 22, .	1.2	14
501	Anomalies in neurovascular coupling during early diabetes: A review. <i>Clinical and Experimental Ophthalmology</i> , 2023, 51, 81-91.	1.3	5
502	Dissecting Regulators of Aging and Age-Related Macular Degeneration in the Retinal Pigment Epithelium. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	1.9	6
503	Epidemiology, health policy and public health implications of visual impairment and age-related eye diseases in mainland China. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	4
504	Hyperlipidemia induces proinflammatory responses by activating STING pathway through IRE1 β -XBP1 in retinal endothelial cells. <i>Journal of Nutritional Biochemistry</i> , 2023, 112, 109213.	1.9	9
505	Effects of Qingguang $\text{\textcircled{R}}$ Granules on mitochondrial autophagy of retinal ganglion cells in rats with chronic ocular hypertension. <i>Digital Chinese Medicine</i> , 2022, 5, 295-304.	0.5	2
506	CuO Nanowires Fabricated by Thermal Oxidation of Cu Foils towards Electrochemical Detection of Glucose. <i>Micromachines</i> , 2022, 13, 2010.	1.4	1

#	ARTICLE	IF	CITATIONS
507	Toward Universal Eye Health Coverage—Key Outcomes of the World Health Organization Package of Eye Care Interventions. <i>JAMA Ophthalmology</i> , 0, , .	1.4	4
508	Optimizing Computer Adaptive Test Performance: A Hybrid Simulation Study to Customize the Administration Rules of the CAT-EyeQ in Macular Edema Patients. <i>Translational Vision Science and Technology</i> , 2022, 11, 14.	1.1	2
509	Retrospective study of the temporal approach in cataract surgery at Evangelical Church Winning All Hospital. <i>African Vision and Eye Health</i> , 2022, 81, .	0.1	0
510	Auto-Metric Graph Neural Network optimized with Capuchin search optimization algorithm for coinciding diabetic retinopathy and diabetic Macular edema grading. <i>Biomedical Signal Processing and Control</i> , 2023, 80, 104386.	3.5	6
511	The role of NAD+ metabolism in macrophages in age-related macular degeneration. <i>Mechanisms of Ageing and Development</i> , 2023, 209, 111755.	2.2	2
512	Novel therapies for proliferative retinopathies. <i>Therapeutic Advances in Chronic Disease</i> , 2022, 13, 204062232211403.	1.1	0
513	Prospective studies on artificial intelligence (AI)-based diabetic retinopathy screening. <i>Annals of Translational Medicine</i> , 2022, 10, 1297-1297.	0.7	3
514	Clinical and demographic profile of patients less than 40 years of age presenting to glaucoma services at a tertiary care eye hospital in South India. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 4186.	0.5	1
515	Design of a Hands-Free Braille Display Using a Pneumatically Controlled Wristband. , 2022, , .		0
516	Daily Patterns of Accelerometer-Measured Movement Behaviors in Glaucoma Patients: Insights From UK Biobank Participants. <i>Asia-Pacific Journal of Ophthalmology</i> , 2022, 11, 521-528.	1.3	1
517	The Relationship between Nutrient Intake and Cataracts in the Older Adult Population of Korea. <i>Nutrients</i> , 2022, 14, 4962.	1.7	2
518	Adherence to Annual Fundus Exams among Chinese Population with Diagnosed Diabetes. <i>Journal of Clinical Medicine</i> , 2022, 11, 6859.	1.0	1
519	Prevalence and factors associated with visual impairment in middle-aged and older Chinese population. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	1
520	More than meets the eye: The role of microglia in healthy and diseased retina. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	12
521	Generative adversarial network-based deep learning approach in classification of retinal conditions with optical coherence tomography images. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2023, 261, 1399-1412.	1.0	3
522	Dietary Intake and Diabetic Retinopathy: A Systematic Review of the Literature. <i>Nutrients</i> , 2022, 14, 5021.	1.7	12
523	Characterization of NLRP3 Inflammasome Activation in the Onset of Diabetic Retinopathy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14471.	1.8	9
524	Alcohol use patterns and risk of incident cataract surgery: a large scale case—control study in Japan. <i>Scientific Reports</i> , 2022, 12, .	1.6	2

#	ARTICLE	IF	CITATIONS
525	Análise científica da pesquisa sobre tracoma no Brasil, 2000–2020. Revista De Saude Publica, 0, 56, 97.	0.7	2
526	Visual Impairment and Blindness among Patients at Nigeria Army Eye Centre, Bonny Cantonment Lagos, Nigeria. Healthcare (Switzerland), 2022, 10, 2312.	1.0	0
527	Advances in drug therapy and delivery for cataract treatment. Current Opinion in Ophthalmology, 2023, 34, 3-8.	1.3	5
528	Predicting 60–4 visual field tests using 3D facial reconstruction. British Journal of Ophthalmology, 0, , bjophthalmol-2022-321651.	2.1	0
529	Diagnostic Accuracy of Frequency-Doubling Technology and the Moorfields Motion Displacement Test for Glaucoma. Ophthalmology Glaucoma, 2022, , .	0.9	0
530	Immunoregulatory Sertoli Cell Allografts Engineered to Express Human Insulin Survive Humoral-Mediated Rejection. International Journal of Molecular Sciences, 2022, 23, 15894.	1.8	0
531	Blood Pressure Measures and Incident Primary Open-Angle Glaucoma. , 2022, 63, 3.		2
532	Association of Treatment Type and Loss to Follow-up With Tractional Retinal Detachment in Proliferative Diabetic Retinopathy. JAMA Ophthalmology, 0, , .	1.4	3
533	Reactive oxygen species-responsive mitochondria-targeted liposomal quercetin attenuates retinal ischemia-reperfusion injury via regulating <sc>SIRT1</sc>/<sc>FOXO3A</sc> and p38 <sc>MAPK</sc> signaling pathways. Bioengineering and Translational Medicine, 2023, 8, .	3.9	12
534	Childhood blindness incidence and aetiologies trends in Israel 2014–2020: what should we focus on?. Eye, 2023, 37, 2559-2564.	1.1	5
535	Chronic kidney disease and its association with cataracts—A cross-sectional and longitudinal study. Frontiers in Public Health, 0, 10, .	1.3	1
536	Association of Dietary Nitrate and a Mediterranean Diet With Age-Related Macular Degeneration Among US Adults. JAMA Ophthalmology, 2023, 141, 130.	1.4	3
537	Validation of Rates of Mean Deviation Change as Clinically Relevant End Points for Glaucoma Progression. Ophthalmology, 2023, 130, 469-477.	2.5	6
538	Deep Learning for the Detection of Multiple Fundus Diseases Using Ultra-widefield Images. Ophthalmology and Therapy, 2023, 12, 895-907.	1.0	6
539	Aldosterone as a Possible Contributor to Eye Diseases. Endocrinology, 2022, 164, .	1.4	2
540	The natural history of untreated ocular hypertension and glaucoma. Survey of Ophthalmology, 2023, 68, 388-424.	1.7	2
541	Injectable PTHF-based thermogelling polyurethane implants for long-term intraocular application. Biomaterials Research, 2022, 26, .	3.2	6
542	Reduction in Lens Epithelial Cell Senescence Burden through Dasatinib plus Quercetin or Rapamycin Alleviates D-Galactose-Induced Cataract Progression. Journal of Functional Biomaterials, 2023, 14, 6.	1.8	0

#	ARTICLE	IF	CITATIONS
543	A Review of Neovascular Glaucoma: Etiology, Pathogenesis, Diagnosis, and Treatment. <i>Medicina (Lithuania)</i> , 2022, 58, 1870.	0.8	4
544	Visual impairment and falls among older adults and elderly: evidence from longitudinal study of ageing in India. <i>BMC Public Health</i> , 2022, 22, .	1.2	8
545	Deep learning approaches to predict 10-2 visual field from wide-field swept-source optical coherence tomography en face images in glaucoma. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
546	Functional Carbon Quantum Dots for Ocular Imaging and Therapeutic Applications. <i>Small</i> , 2023, 19, .	5.2	20
547	Function of mitochondrial cytochrome c oxidase is enhanced in human lens epithelial cells at high temperatures. <i>Molecular Medicine Reports</i> , 2022, 27, .	1.1	1
548	Lens structure segmentation from AS-OCT images via shape-based learning. <i>Computer Methods and Programs in Biomedicine</i> , 2023, 230, 107322.	2.6	0
549	Visual impairment and the need for vision care services amongst older Finnish people receiving home care. <i>Nursing Open</i> , 2023, 10, 2519-2529.	1.1	1
550	The role of statins in diabetic retinopathy. <i>Trends in Cardiovascular Medicine</i> , 2024, 34, 128-135.	2.3	5
551	Photoreceptor Cell Replacement Using Pluripotent Stem Cells: Current Knowledge and Remaining Questions. <i>Cold Spring Harbor Perspectives in Medicine</i> , 0, , a041309.	2.9	1
552	Prevalence of refractive errors among school-going children in a multistate study in India. <i>British Journal of Ophthalmology</i> , 2024, 108, 143-151.	2.1	1
553	Autophagy in glaucoma pathogenesis: Therapeutic potential and future perspectives. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	6
555	Keeping an eye on the diabetic foot: The connection between diabetic eye disease and wound healing in the lower extremity. <i>World Journal of Diabetes</i> , 0, 13, 1035-1048.	1.3	5
556	Cataracts. <i>Lancet, The</i> , 2023, 401, 377-389.	6.3	45
557	Impact of α -crystallin protein loss on zebrafish lens development. <i>Experimental Eye Research</i> , 2023, 227, 109358.	1.2	5
558	Physical Activity and Risk of Major Diabetes-Related Complications in Individuals With Diabetes: A Systematic Review and Meta-Analysis of Observational Studies. <i>Diabetes Care</i> , 2022, 45, 3101-3111.	4.3	12
559	A National Registry-Based Epidemiological Study to Evaluate 395 646 Patients Hospitalized Due to Eye Diseases in Poland in 2019. <i>Medical Science Monitor</i> , 0, 29, .	0.5	1
560	Association between vision and cognitive function among community-dwelling older adults in Selangor, Malaysia. <i>International Journal of Ophthalmology</i> , 2023, 16, 115-120.	0.5	1
561	Classification of Diabetic Retinopathy Severity in Fundus Images Using the Vision Transformer and Residual Attention. <i>Computational Intelligence and Neuroscience</i> , 2023, 2023, 1-12.	1.1	15

#	ARTICLE	IF	CITATIONS
562	Does the Current Global Health Agenda Lack Vision?. <i>Global Health, Science and Practice</i> , 0, , .	0.6	1
563	Application of the Active-Fluidics System in Phacoemulsification: A Review. <i>Journal of Clinical Medicine</i> , 2023, 12, 611.	1.0	1
565	Microelectrode-Based Electrochemical Impedance Determination of Brain-Derived Neurotrophic Factor in Aqueous Humor for Diagnosis of Glaucoma. <i>Analytical Chemistry</i> , 2023, 95, 2087-2093.	3.2	3
566	Prescribing patterns of low vision devices in patients with cone-related dystrophies. <i>Indian Journal of Ophthalmology</i> , 2023, 71, 195.	0.5	1
568	A view from the clinic â€“ Perspectives from Dutch patients and professionals on high myopia care. <i>Ophthalmic and Physiological Optics</i> , 2023, 43, 327-336.	1.0	1
569	Nano-Formulation of Antioxidants as Effective Inhibitors of Î³D-Crystallin Aggregation. <i>Langmuir</i> , 2023, 39, 1330-1344.	1.6	3
572	Computational intelligence in eye disease diagnosis: a comparative study. <i>Medical and Biological Engineering and Computing</i> , 2023, 61, 593-615.	1.6	2
573	Identification of serum metabolome signatures associated with retinal and renal complications of type 2 diabetes. <i>Communications Medicine</i> , 2023, 3, .	1.9	6
574	Factors influencing cataract awareness and treatment attitudes among the middle-aged and older in western China's rural areas. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	1
575	ĐžŃĐ¼Đ±Đ»Đ,Đ²Đ³⁄₄ŃŃ,Ń– Ń€Đ³⁄₄Đ-Đ²Đ,Ń,Đ°Ńf ĐŃ–Đ°Đ±ĐµŃ,Đ,Ń±Đ¹⁄₂Đ³⁄₄Đ³⁄₄ Đ¹⁄₄Đ°Đ°ŃfĐ»ŃŃ€Đ¹⁄₂Đ³⁄₄Đ³⁄₄ Đ¹⁄₂Đ°Đ±Ń€ŃĐ		
576	A Deep Learning System Using Optical Coherence Tomography Angiography to Detect Glaucoma and Anterior Ischemic Optic Neuropathy. <i>Journal of Clinical Medicine</i> , 2023, 12, 507.	1.0	1
577	Comprehensive Study of a Diabetes Mellitus Mathematical Model Using Numerical Methods with Stability and Parametric Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 939.	1.2	5
578	Controversies and Disparities in the Management of Age-Related Macular Degeneration. <i>Seminars in Ophthalmology</i> , 0, , 1-9.	0.8	0
579	Prevalence and factors associated with Diabetes retinopathy among type 2 diabetic patients at Northwest Amhara Comprehensive Specialized Hospitals, Northwest Ethiopia 2021. <i>BMC Ophthalmology</i> , 2023, 23, .	0.6	4
580	Prevalence, pattern, and compliance with spectacles use among the elderly in homes for the aged in South India: The Hyderabad Ocular Morbidity in Elderly Study (HOMES). <i>Indian Journal of Ophthalmology</i> , 2023, 71, 263.	0.5	1
581	Early Inflammation Control After Trabeculectomy by Steroid and Non-steroidal Eye Drops: A Randomized Controlled Trial. <i>Ophthalmology and Therapy</i> , 2023, 12, 969-984.	1.0	2
583	Prescribing patterns of myopia control contact lenses among optometrists in Ireland. <i>Ophthalmic and Physiological Optics</i> , 0, , .	1.0	0
584	Brolucizumab in Neovascular Age-Related Macular Degeneration and Diabetic Macular Edema: Ophthalmology and Diabetology Treatment Aspects. <i>Ophthalmology and Therapy</i> , 2023, 12, 639-655.	1.0	4

#	ARTICLE	IF	CITATIONS
585	Vision-Related Quality of Life among Patients Attending the Diabetes and Eye Clinics in Kenyatta National Hospital, Kenya. <i>Journal of Ophthalmology</i> , 2023, 2023, 1-8.	0.6	0
586	Vision-Related Quality of Life and Associated Factors Among an Adult Population with Glaucoma Attending a Comprehensive Specialized Hospital, Northwest Ethiopia. <i>Clinical Ophthalmology</i> , 0, Volume 17, 225-237.	0.9	2
587	Not only a matter of glucose: The andrological consequences of diabetes mellitus. <i>Andrology</i> , 2023, 11, 201-203.	1.9	0
588	Colour detector for visual impaired users. , 2022, , .		0
589	Glaucoma Detection using Fundus Images with Mimetic Anisotropic Filtering and Convolutional Neural Networks. , 2022, , .		0
590	Topical Review: Impact of Central Vision Loss on Navigation and Obstacle Avoidance while Walking. <i>Optometry and Vision Science</i> , 2022, 99, 890-899.	0.6	2
591	Children With Amblyopia Make More Saccadic Fixations When Doing the Visual Search Task. , 2022, 63, 27.		0
592	Silica-Based Nanomaterials for Diabetes Mellitus Treatment. <i>Bioengineering</i> , 2023, 10, 40.	1.6	3
593	Association between Healthy Eating Index-2015 and Age-Related Cataract in American Adults: A Cross-Sectional Study of NHANES 2005â€“2008. <i>Nutrients</i> , 2023, 15, 98.	1.7	0
594	Visual impairment in Ethiopia: Systematic review and meta-analysis. <i>British Journal of Visual Impairment</i> , 0, , 026461962211453.	0.5	2
595	The first cataract extraction operations. <i>InterConf</i> , 2022, , 247-253.	0.0	0
596	Prevalence and Risk Factors of Refractive Errors and Effective Spectacle Coverage in Emiratis and Non-Emiratis Aged 40 Years or Older: the Dubai Eye Health Survey. <i>Asia-Pacific Journal of Ophthalmology</i> , 2023, 12, 29-37.	1.3	0
597	Association between Refractive Errors and Ocular Biometry in an Elderly Population. <i>Optometry and Vision Science</i> , 0, Publish Ahead of Print, .	0.6	0
598	High prevalence of refractive errors in an elderly population; a public health issue. <i>BMC Ophthalmology</i> , 2023, 23, .	0.6	4
599	Anti-Inflammatory Activity and Mechanism of Sweet Corn Extract on IL-1 β -Induced Inflammation in a Human Retinal Pigment Epithelial Cell Line (ARPE-19). <i>International Journal of Molecular Sciences</i> , 2023, 24, 2462.	1.8	1
600	â€œRaw eggâ€“ Hypermature cataract with lens dislocation. <i>Journal Francais D'Ophtalmologie</i> , 2023, , .	0.2	0
601	Two-Year Outcomes of Trabeculectomy and Phacotrabeculectomy in Primary Open Angle Versus Primary Angle Closure Glaucoma. <i>Journal of Glaucoma</i> , 2023, 32, 374-381.	0.8	2
603	Selenium intake help prevent age-related cataract formation: Evidence from NHANES 2001â€“2008. <i>Frontiers in Nutrition</i> , 0, 10, .	1.6	2

#	ARTICLE	IF	CITATIONS
604	Size Matters: Ab Interno Canaloplasty Revision with Suture Trabeculotomy. <i>Journal of Current Glaucoma Practice</i> , 2023, 16, 152-157.	0.1	0
605	Arrested Phase Separation Enables High-Performance Keratoprostheses. <i>Advanced Materials</i> , 2023, 35, .	11.1	2
606	The uptake of immediately sequential bilateral cataract surgery in different parts of the world. , 2023, , 167-298.		0
607	Multivendor fully automatic uncertainty management approaches for the intuitive representation of DME fluid accumulations in OCT images. <i>Medical and Biological Engineering and Computing</i> , 0, , .	1.6	1
608	Differentiating stages of functional vision loss from glaucoma using the Disc Damage Likelihood Scale and cup:disc ratio. <i>British Journal of Ophthalmology</i> , 2024, 108, 349-356.	2.1	0
609	A Lightweight Facial Emotion Recognition System Using Partial Transfer Learning for Visually Impaired People. <i>IEEE Access</i> , 2023, 11, 36961-36969.	2.6	4
610	Roles of non-coding <i>scn</i> RNAs in eye development and diseases. <i>Wiley Interdisciplinary Reviews RNA</i> , 2023, 14, .	3.2	1
611	Indigenous Eye Health in the Americas: The Burden of Vision Impairment and Ocular Diseases. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 3820.	1.2	1
612	Cell-Specific Expression of Human SIRT1 by Gene Therapy Reduces Retinal Ganglion Cell Loss Induced by Elevated Intraocular Pressure. <i>Neurotherapeutics</i> , 2023, 20, 896-907.	2.1	4
613	Evaluation of the efficacy and tolerability of 1% brinzolamide and 0.5% timolol fixed combination in the treatment of primary open-angle glaucoma. , 2023, 22, 85-91.		0
614	Deep-GA-Net for Accurate and Explainable Detection of Geographic Atrophy on OCT Scans. <i>Ophthalmology Science</i> , 2023, 3, 100311.	1.0	0
615	Anti-vascular endothelial growth factor therapy and retinal non-perfusion in diabetic retinopathy: A meta-analysis of randomised trials. <i>Acta Ophthalmologica</i> , 2024, 102, .	0.6	1
616	Digital light processing-bioprinted poly-NAGA-GelMA-based hydrogel lenticule for precise refractive errors correction. <i>Biofabrication</i> , 2023, 15, 035011.	3.7	4
617	Structure Function Relationships of Vessel Density and Retinal Nerve Fiber Layer Thickness in Early Glaucomatous Eyes With High Myopia. , 2023, 64, 14.		2
618	Senescence-induced alteration of circadian phagocytic activity of retinal pigment epithelium cell line ARPE-19. <i>Biochemical and Biophysical Research Communications</i> , 2023, 658, 88-96.	1.0	0
619	Trends and disparities in disease burden of age-related macular degeneration from 1990 to 2019: Results from the global burden of disease study 2019. <i>Frontiers in Public Health</i> , 0, 11, .	1.3	5
620	Efficiency of a polymer-coated phacoemulsification tip in cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2023, Publish Ahead of Print, .	0.7	0
623	Nanotechnology based drug delivery systems for the treatment of anterior segment eye diseases. <i>Journal of Controlled Release</i> , 2023, 354, 465-488.	4.8	48

#	ARTICLE	IF	CITATIONS
624	In Search of Justice. , 2023, , 29-40.		0
625	Relationship of Density, Depth, and Surface Irregularity of Superficial Corneal Opacification with Visual Acuity. Current Eye Research, 2023, 48, 536-545.	0.7	1
626	A Proposed Method for Estimating Refractive Error in Primary School Children. Cureus, 2023, , .	0.2	0
627	Deep Learning and Medical Image Processing Techniques for Diabetic Retinopathy: A Survey of Applications, Challenges, and Future Trends. Journal of Healthcare Engineering, 2023, 2023, 1-18.	1.1	10
628	Protein kinase A activation alleviates cataract formation via increased gap junction intercellular communication. IScience, 2023, 26, 106114.	1.9	6
630	Denuded Descemetâ€™s membrane supports human embryonic stem cell-derived retinal pigment epithelial cell culture. PLoS ONE, 2023, 18, e0281404.	1.1	1
631	Global, Regional, and National Burdens of Blindness and Vision Loss in Children and Adolescents from 1990 to 2019. Ophthalmology, 2023, 130, 575-587.	2.5	5
632	Rodent Models of Diabetic Retinopathy as a Useful Research Tool to Study Neurovascular Cross-Talk. Biology, 2023, 12, 262.	1.3	1
633	Antiangiogenic therapy for ocular diseases: Current status and challenges. , 2023, 2, .		2
634	The use of platelet-rich plasma and two-component autofibrin glue in treatment of experimental chronic persistent corneal erosion. Ophthalmology Journal, 2023, 15, 53-60.	0.1	0
635	Development of machine learning models to predict posterior capsule rupture based on the <sc>EUREQUO</sc> registry. Acta Ophthalmologica, 0, , .	0.6	0
636	Logistics description of a high yield cataract surgery non-profitable expedition. Archivos De La Sociedad Espanola De Oftalmologia, 2023, 98, 193-198.	0.1	1
637	Ultrasound Cyclo Plasty in Patients with Open Angle Glaucoma and High Myopia. Journal of Glaucoma, 0, Publish Ahead of Print, .	0.8	1
638	Association Between Contrast Sensitivity and Physical Function in Cognitively Healthy Older Adults: The Brain Networks and Mobility FunctionÂ Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 0, , .	1.7	3
639	New insight of metabolomics in ocular diseases in the context of 3P medicine. EPMA Journal, 2023, 14, 53-71.	3.3	7
640	Awareness of Common Eye Diseases and Their Risk Factorsâ€™ A Nationwide Cross-Sectional Survey among Adults in Poland. International Journal of Environmental Research and Public Health, 2023, 20, 3594.	1.2	1
641	A Review of Design and Evaluation Practices in Mobile Text Entry for Visually Impaired and Blind Persons. Multimodal Technologies and Interaction, 2023, 7, 22.	1.7	2
642	Association of glaucoma and lifestyle with incident cardiovascular disease: a longitudinal prospective study from UK Biobank. Scientific Reports, 2023, 13, .	1.6	1

#	ARTICLE	IF	CITATIONS
643	Thioredoxinâ€1 regulates the autophagy induced by oxidative stress through <sc>LC3â€1</sc> in human lens epithelial cells. Clinical and Experimental Pharmacology and Physiology, 0, , .	0.9	1
644	Cataract services for all: Strategies for equitable access from a global modified Delphi process. PLOS Global Public Health, 2023, 3, e0000631.	0.5	2
645	Multi-label detection of ophthalmic disorders using InceptionResNetV2 on multiple datasets. , 2022, , .		0
646	Low serum dehydroepiandrosterone levels are associated with diabetic retinopathy in patients with type 2 diabetes mellitus. Journal of Diabetes Investigation, 2023, 14, 675-685.	1.1	2
647	Optic Nerve Injury Enhanced Mitochondrial Fission and Increased Mitochondrial Density without Altering the Uniform Mitochondrial Distribution in the Unmyelinated Axons of Retinal Ganglion Cells in a Mouse Model. International Journal of Molecular Sciences, 2023, 24, 4356.	1.8	0
649	Use of Informational Brochures on Knowledge of Cataracts in Rural Ecuador. Cureus, 2023, , .	0.2	0
650	Feasibility of providing collaborative glaucoma care from a community optometry perspective: a mixed-methods assessment. Australasian journal of optometry, The, 2023, 106, 171-177.	0.6	0
651	Long-Term Endothelial Safety Profile With iStent Inject in Patients With Open-Angle Glaucoma. American Journal of Ophthalmology, 2023, , .	1.7	1
652	The effects of exposure to solar radiation on human health. Photochemical and Photobiological Sciences, 2023, 22, 1011-1047.	1.6	25
653	A bibliometric analysis of systematic reviews and meta-analyses in ophthalmology. Frontiers in Medicine, 0, 10, .	1.2	4
654	Artificial Intelligence for Diabetic Retinopathy Screening Using Color Retinal Photographs: From Development to Deployment. Ophthalmology and Therapy, 2023, 12, 1419-1437.	1.0	11
655	Air Pollution and Chronic Eye Disease in Adults: A Scoping Review. Ophthalmic Epidemiology, 2024, 31, 1-10.	0.8	2
656	Epidemiological surveillance of blindness using deep learning approaches. , 2023, , 53-70.		0
657	Thermoâ€Responsive Microemulsions Containing Deep Eutecticâ€Based Antibiotic Formulations for Improved Treatment of Resistant Bacterial Ocular Infections. Advanced Therapeutics, 2023, 6, .	1.6	1
658	Usability and Clinician Acceptance of a Deep Learning-Based Clinical Decision Support Tool for Predicting Glaucomatous Visual Field Progression. Journal of Glaucoma, 2023, 32, 151-158.	0.8	1
659	Charged multivesicular body protein 4b forms complexes with gap junction proteins during lens fiber cell differentiation. FASEB Journal, 2023, 37, .	0.2	4
660	An Online Questionnaire-Based Survey of 1076 Individuals in Poland to Identify the Prevalence of Ophthalmic Symptoms in Autumn 2022. Medical Science Monitor, 0, 29, .	0.5	1
661	Microwave-Assisted Synthesis of 3-Hydroxy-2-oxindoles and Pilot Evaluation of Their Antiglaucomic Activity. International Journal of Molecular Sciences, 2023, 24, 5101.	1.8	4

#	ARTICLE	IF	CITATIONS
662	Whole-exome sequencing prioritizes candidate genes for hereditary cataract in the Emory mouse mutant. <i>G3: Genes, Genomes, Genetics</i> , 2023, 13, .	0.8	2
663	Neuroserpin gene therapy inhibits retinal ganglion cell apoptosis and promotes functional preservation in glaucoma. <i>Molecular Therapy</i> , 2023, 31, 2056-2076.	3.7	8
664	Prevalence and Associated Risk Factors of Age-Related Macular Degeneration in the Retina Clinic at a Tertiary Center in Makkah Province, Saudi Arabia: A Retrospective Record Review. <i>Cureus</i> , 2023, , .	0.2	2
665	Device-modified trabeculectomy for glaucoma. <i>The Cochrane Library</i> , 2023, 2023, .	1.5	0
666	Development and validation of a diabetic retinopathy risk prediction model for middle-aged patients with type 2 diabetes mellitus. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	2
667	Beyond vision:Cataract and health status in old age, a narrative review. <i>Frontiers in Medicine</i> , 0, 10, .	1.2	3
668	Ablation of pigment epithelium-derived factor receptor (PEDF-R/Pnpla2) causes photoreceptor degeneration. <i>Journal of Lipid Research</i> , 2023, 64, 100358.	2.0	2
669	Prevalence and Factors Associated with Suicidal Ideation Among Older People with Visual Impairments Attending an Eye Center During the COVID-19 Pandemic: A Hospital-Based Cross-Sectional Study. <i>Clinical Ophthalmology</i> , 0, Volume 17, 917-930.	0.9	0
670	Anti-vascular endothelial growth factor for proliferative diabetic retinopathy. <i>The Cochrane Library</i> , 2023, 2023, .	1.5	3
671	Impact of COVID-19 Confinement on Quality of Life of Patients with Age-Related Macular Degeneration: A Two-Wave Panel Study. <i>Journal of Clinical Medicine</i> , 2023, 12, 2394.	1.0	1
672	Hypotensive therapy effectiveness evaluation in primary open-angle glaucoma evidenced by pattern electroretinogram data. <i>Rossiiskii Oftal'mologicheskii Zhurnal</i> , 2023, 16, 90-95.	0.1	0
673	Global Trends in Blindness and Vision Impairment Resulting from Corneal Opacity 1984â€“2020. <i>Ophthalmology</i> , 2023, 130, 863-871.	2.5	15
674	Systemic Anti-Inflammatory Therapy Aided by Curcumin-Laden Double-Headed Nanoparticles Combined with Injectable Long-Acting Insulin in a Rodent Model of Diabetes Eye Disease. <i>ACS Nano</i> , 2023, 17, 6857-6874.	7.3	6
675	Effects of acupuncture on age-related macular degeneration: A systematic review and meta-analysis of randomized controlled trials. <i>PLoS ONE</i> , 2023, 18, e0283375.	1.1	1
676	Assessment of the status of improved F&E trachoma control practices among children of agro-pastoralists in Southern Ethiopia: a mixed design survey using theory of triadic influences. <i>BMC Public Health</i> , 2023, 23, .	1.2	0
677	Retromode Imaging in Age-Related Macular Degeneration. <i>Medicina (Lithuania)</i> , 2023, 59, 647.	0.8	2
678	Automatic Detection of Microaneurysms in Fundus Images Using an Ensemble-Based Segmentation Method. <i>Sensors</i> , 2023, 23, 3431.	2.1	2
680	Gel Stent Versus Trabeculectomy: The Randomized, Multicenter, Gold-Standard Pathway Study (GPS) of Effectiveness and Safety at 12 Months. <i>American Journal of Ophthalmology</i> , 2023, 252, 306-325.	1.7	11

#	ARTICLE	IF	CITATIONS
682	Fruit and vegetable intake and the risk of cataract: insights from the UK Biobank study. <i>Eye</i> , 2023, 37, 3234-3242.	1.1	1
683	Association between Sight-Threatening Eye Diseases and Death by Suicide in South Korea. <i>Ophthalmology</i> , 2023, 130, 804-811.	2.5	1
684	Avaliação da qualidade de vida relacionada à saúde em um programa de reabilitação para pessoas com deficiência visual. <i>Revista Brasileira De Oftalmologia</i> , 2023, 82, .	0.1	1
686	Refractive error correction among urban and rural school children using two self-adjustable spectacles. <i>BMJ Open Ophthalmology</i> , 2023, 8, e001202.	0.8	1
687	Quality of life in glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2023, 261, 3023-3030.	1.0	3
688	Attention-based 3D convolutional networks for detection of geographic atrophy from optical coherence tomography scans. , 2023, , .		0
689	Retrospective analysis of cataract surgery outcomes in China from 2009 to 2018: from a national registry system data. <i>BMJ Open</i> , 2023, 13, e070989.	0.8	1
690	Increased Risks of Open-Angle Glaucoma in Untreated Hypertension. <i>American Journal of Ophthalmology</i> , 2023, 252, 111-120.	1.7	2
691	Profile of Athletes With a Vision Impairment. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2024, 103, 172-180.	0.7	1
692	Causes of Childhood Blindness in the United States Using the IRIS® Registry (Intelligent Research in) Tj ETQq1 1 0,784314 rgBT /Overl 2.5 &	2.5	0
693	A Pilot Study to Evaluate Genipin in Staphylococcus aureus and Pseudomonas aeruginosa Keratitis Models: Modulation of Pro-Inflammatory Cytokines and Matrix Metalloproteinases. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6904.	1.8	1
694	Analysis of glaucoma genes in Finnish patients with juvenile open-angle glaucoma. <i>Acta Ophthalmologica</i> , 2023, 101, 797-806.	0.6	0
695	A review of outcomes of laser photocoagulation for Goldberg stage 3 proliferative sickle cell retinopathy. <i>Journal of Global Medicine</i> , 2022, 2, e83.	0.0	1
696	Brain structural changes in blindness: a systematic review and an anatomical likelihood estimation (ALE) meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 150, 105165.	2.9	1
697	Effects of Cost Sharing on Ophthalmic Care Utilization in the Affordable Care Act Marketplace. <i>Ophthalmic Epidemiology</i> , 0, , 1-10.	0.8	0
699	Peptide cargo administration: current state and applications. <i>Applied Microbiology and Biotechnology</i> , 2023, 107, 3153-3181.	1.7	4
700	Global trends and performances in diabetic retinopathy studies: A bibliometric analysis. <i>Frontiers in Public Health</i> , 0, 11, .	1.3	6
701	Eye Drop Adherence with an Eye Drop Bottle Cap Monitor. <i>Journal of Glaucoma</i> , 0, Publish Ahead of Print, .	0.8	0

#	ARTICLE	IF	CITATIONS
702	Evaluation of the Prevalence of Refractive Defects and Ocular Function in a Group of 1518 Children Aged 8 Years in Northwestern Poland—A Retrospective Study. <i>Journal of Clinical Medicine</i> , 2023, 12, 2880.	1.0	2
703	10-Year Clinical Outcomes of Tube Shunt Surgery at a Tertiary Care Center. <i>American Journal of Ophthalmology</i> , 2023, 253, 132-141.	1.7	2
704	Early Visibility of Cellular Aggregates and Changes in Central Corneal Thickness as Predictors of Successful Corneal Endothelial Cell Injection Therapy. <i>Cells</i> , 2023, 12, 1167.	1.8	0
705	Comparison of ultrasound phacoemulsification and FemtoMatrix® PhotoEmulsification® cataract surgery. <i>Frontiers in Medicine</i> , 0, 10, .	1.2	0
706	A Study to Analyze Refractive Errors in Relation to Age and Sex. <i>Cureus</i> , 2023, , .	0.2	0
707	Vitamin K and the Visual System—A Narrative Review. <i>Nutrients</i> , 2023, 15, 1948.	1.7	0
708	A Pilot Study of Implementing Diabetic Retinopathy Screening in the Oslo Region, Norway: Baseline Results. <i>Biomedicines</i> , 2023, 11, 1222.	1.4	1
709	Adherence to Ocular Hypotensive Medication in Patients With Primary Open Angle Glaucoma in Ghana. <i>Journal of Glaucoma</i> , 2023, 32, 777-782.	0.8	2
710	Prevalence of refractive error in Portugal estimated from ophthalmic lens manufacturing data: Ten-years analysis. <i>PLoS ONE</i> , 2023, 18, e0284703.	1.1	0
711	Stem cells and genetic engineering empower therapeutic development for blinding eye diseases. , 2023, , 139-170.		0
712	Logarithmic Progressive-SMOTE: Oversampling Minorities in Retinal Fundus Multi-disease Image Dataset. <i>Communications in Computer and Information Science</i> , 2023, , 375-389.	0.4	0
728	Real Time Object Detection for Assisting Visually Impaired People. , 2023, , .		1
740	The Future for Retinal Laser Treatment. Is There One?. , 2023, , 341-356.		0
745	Epidemiology of glaucoma. , 2023, , 17-34.		0
747	Artificial intelligence and big data: technical considerations and clinical applications. , 2023, , 373-385.		0
774	Roles of Extravasated and Modified Plasma Lipoproteins in Diabetic Retinopathy. <i>Contemporary Diabetes</i> , 2023, , 465-484.	0.0	0
784	Convolutional Neural Networks and Ensembles for Visually Impaired Aid. <i>Lecture Notes in Computer Science</i> , 2023, , 520-534.	1.0	0
795	Artificial intelligence in retinal disease: clinical application, challenges, and future directions. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2023, 261, 3283-3297.	1.0	8

#	ARTICLE	IF	CITATIONS
802	The Mechanism of Retinal Laser and Its End Result: Neuroproteccion. , 2023, , 255-279.		0
837	Nanomedicine-based solutions. , 2023, , 93-102.		0
865	Prevalence and Causes of Low Vision. , 2024, , 15-27.		0
870	Public health burden of blindness. , 2023, , .		0
872	Polymer Matrix Nanocomposites as Photoacoustic Transmitters for Epiretinal Prosthetics. , 2023, , .		0
887	Advances in Neuroprotective Mechanisms of Aerobic Exercise to Reduce the Risk of Glaucoma. Journal of Science in Sport and Exercise, 0, , .	0.4	0
895	In vivo Evaluation of PMMA Antiglaucoma Shuntâ€™s Biocompatibility. IFMBE Proceedings, 2024, , 431-442.	0.2	0
897	AAV-Based Strategies for Treatment of Retinal and Choroidal Vascular Diseases: Advances in Age-Related Macular Degeneration and Diabetic Retinopathy Therapies. BioDrugs, 0, , .	2.2	0
909	Indoor Navigation Assistance System for Visually Impaired with Semantic Segmentation using EdgeTPU. , 2023, , .		1
911	MEDNet-Based Imbalanced Cataract Detection Using Ophthalmic Images. Lecture Notes in Networks and Systems, 2023, , 439-451.	0.5	0
919	An expert system for detection of household furniture for safe mobility of blind people. AIP Conference Proceedings, 2023, , .	0.3	0
923	Stem Cells Application in Eye Regeneration and Restoration of Vision. , 2023, , 1-31.		0
939	Ocular Disease Recognition and Classification using TripleGAN. , 2023, , .		0
944	Recent advances in thermogels for the management of diabetic ocular complications. , 0, , .		0
947	Exploring Artificial Intelligence Methods for the Automatic Measurement of a New Biomarker Aiming at Glaucoma Diagnosis. Lecture Notes in Computer Science, 2023, , 455-469.	1.0	0
951	Epidemiology of High Myopia. Essentials in Ophthalmology, 2023, , 1-7.	0.0	0
958	Design and Evaluation of a Multi-Sensor Assistive Robot for the Visually Impaired. Lecture Notes in Mechanical Engineering, 2024, , 119-131.	0.3	0
976	Umbilical Cord-Derived Cells: Applications in Neurological Disorders. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
1005	An Optimized Segmentation of Optic Disc and Optic Cup in Retinal Fundus Images Based on Multimap Localization and Conventional U-Net. , 2023, , .		0
1006	Physical and Biological Investigation of Injectable Thai Silk Fibroin/Hyaluronic Acid Hydrogel Sustained-Releasing Dexamethasone. , 2023, , .		0
1011	Molecular Imprinted Polymer on Optical Fiber Sensor for Ethanol Vapor Biomarker Detection. , 2023, , .		0
1013	Role of Oxysterols in Ocular Degeneration Mechanisms and Involvement of P2X7 Receptor. <i>Advances in Experimental Medicine and Biology</i> , 2024, , 277-292.	0.8	0
1019	An Automated Hybrid Glaucoma Detection Framework through Retinal Images. , 2023, , .		0
1020	Photoacoustic Emission Efficiency of Polymer Matrix Nanocomposites for Use in Epiretinal Prosthetics [*] . , 2023, , .		0
1053	Smart Sensor-Based Point-Of-Care Diagnostics in Ophthalmology: The Potential for Theranocloud as Combination of Theragnostic and Cloud Computing. , 2024, , 439-473.		0
1070	Glial cell alterations in diabetes-induced neurodegeneration. <i>Cellular and Molecular Life Sciences</i> , 2024, 81, .	2.4	1
1096	APC System: A system for the Blind and Deaf Who Face Visual and Depth Perception Challenges. , 2023, , .		0
1101	Cross-Domain Images Generation of Fundus Fluorescence Angiography Based on Generative Adversarial Networks with Self-Attention Mechanism. , 2023, , .		0
1102	Computer Vision-Aided Diabetic Retinopathy Detection Using Cloud-Deployed Deep Learning Framework. <i>Lecture Notes in Networks and Systems</i> , 2024, , 638-654.	0.5	0
1106	Infectious eye disease in the 21st centuryâ€”an overview. <i>Eye</i> , 0, , .	1.1	0