Causes of vision loss worldwide, 1990–2010: a system

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Citation Report

#	Article	IF	CITATIONS
1	Worldwide reduction in blindness: making progress?. The Lancet Global Health, 2013, 1, e311-e312.	2.9	3
2	Diabetic retinopathy: variations in patient therapeutic outcomes and pharmacogenomics. Pharmacogenomics and Personalized Medicine, 2014, 7, 399.	0.4	16
3	Vision 2020: moving beyond blindness. International Health, 2014, 6, 158-159.	0.8	4
4	Single input state polarization sensitive swept source optical coherence tomography based on an all single mode fiber interferometer. Biomedical Optics Express, 2014, 5, 2798.	1.5	38
5	Prevalence of vision impairment and refractive error in school children in <scp>B</scp> a <scp>R</scp> ia – <scp>V</scp> ung <scp>T</scp> au province, <scp>V</scp> ietnam. Clinical and Experimental Ophthalmology, 2014, 42, 217-226.	1.3	82
6	Correcting refractive error with spectacles: a simple solution but a global challenge. Clinical and Experimental Ophthalmology, 2014, 42, 215-216.	1.3	0
7	Is ageâ€related macular degeneration a manifestation of systemic disease? New prospects for early intervention and treatment. Journal of Internal Medicine, 2014, 276, 140-153.	2.7	90
8	Global prevalence of age-related macular degeneration. The Lancet Global Health, 2014, 2, e65-e66.	2.9	35
9	Prevalence and causes of vision loss in Latin America and the Caribbean: 1990–2010. British Journal of Ophthalmology, 2014, 98, 619-628.	2.1	38
10	Prevalence of infectious keratitis in Central China. BMC Ophthalmology, 2014, 14, 43.	0.6	60
11	We urge WHO to act on cytomegalovirus retinitis. The Lancet Global Health, 2014, 2, e76-e77.	2.9	14
12	Improving retinoblastoma outcomes through a stage-based intervention model. The Lancet Global Health, 2014, 2, e143.	2.9	4
13	Interventions to improve access to cataract surgical services and their impact on equity in low- and middle-income countries. The Cochrane Library, 2014, , .	1.5	5
14	Attitudes, access and anguish: a qualitative interview study of staff and patients' experiences of diabetic retinopathy screening. BMJ Open, 2014, 4, e005498.	0.8	55
15	Emerging Role of VEGFC in Pathological Angiogenesis. EBioMedicine, 2015, 2, 1588-1589.	2.7	3
16	Suitability of Corneal Tissue for Transplantation Derived From Violent Death: A 10-Year Analysis. Transplantation Proceedings, 2015, 47, 2973-2977.	0.3	6
17	Impact of Visual Impairment and Eye diseases on Mortality: the Singapore Malay Eye Study (SiMES). Scientific Reports, 2015, 5, 16304.	1.6	39
18	Epidemiology of diabetic retinopathy, diabetic macular edema and related vision loss. Eye and Vision (London, England), 2015, 2, 17.	1.4	1,032

ATION REI

#	Article	IF	CITATIONS
20	The false negative rate and the role for virtual review in a nationally evaluated glaucoma referral refinement scheme. Ophthalmic and Physiological Optics, 2015, 35, 577-581.	1.0	16
21	A Comparison of the Handwriting Abilities of Secondary Students with Visual Impairments and those of Sighted Students. Journal of Visual Impairment and Blindness, 2015, 109, 402-412.	0.4	7
22	Low vision rehabilitation: current perspectives. Clinical Optometry, 2015, , 53.	0.4	2
23	Number of People Blind or Visually Impaired by Cataract Worldwide and in World Regions, 1990 to 2010. , 2015, 56, 6762.		264
24	Eye Care by Dutch Nursing Home Physicians: A Descriptive Study. Journal of Social Science Studies, 2015, 3, 222.	0.1	2
25	Sensitivity and specificity for detecting early glaucoma in eyes with high myopia from normative database of macular ganglion cell complex thickness obtained from normal non-myopic or highly myopic Asian eyes. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 1143-1152.	1.0	36
26	Thyroid function: a new road to understanding age-related macular degeneration?. BMC Medicine, 2015, 13, 95.	2.3	5
27	Cataract. Nature Reviews Disease Primers, 2015, 1, 15014.	18.1	90
28	The Sustainable Development Goals and Implications for Eye Health Research. Ophthalmic Epidemiology, 2015, 22, 359-360.	0.8	2
29	Vision Impairment and Chronic Health Conditions. JAMA Ophthalmology, 2015, 133, 1275.	1.4	1
30	Projected changes in erythemal and vitamin D effective irradiance over northern-hemisphere high latitudes. Photochemical and Photobiological Sciences, 2015, 14, 1251-1264.	1.6	7
31	A Proposed Minimum Standard Set of Outcome Measures for Cataract Surgery. JAMA Ophthalmology, 2015, 133, 1247.	1.4	77
32	Restoration of vision in blind individuals using bionic devices: A review with a focus on cortical visual prostheses. Brain Research, 2015, 1595, 51-73.	1.1	192
33	Subfoveal Choroidal Thickness and Cataract: The Beijing Eye Study 2011. Investigative Ophthalmology and Visual Science, 2015, 56, 810-815.	3.3	8
34	Nutritional Supplements for Age-Related Macular Degeneration. Current Ophthalmology Reports, 2015, 3, 34-39.	0.5	3
35	Prevalence of Myopia in Schoolchildren in Ejina: The Gobi Desert Children Eye Study. Investigative Ophthalmology and Visual Science, 2015, 56, 1769-1774.	3.3	63
36	The consequences for human health of stratospheric ozone depletion in association with other environmental factors. Photochemical and Photobiological Sciences, 2014, 14, 53-87.	1.6	122
37	Direct Effects of Bevacizumab on Rat Conjunctival Fibroblast. Cell Biochemistry and Biophysics, 2015, 73, 45-50.	0.9	6

#	Article	IF	CITATIONS
38	Mutations of P4HA2 encoding prolyl 4-hydroxylase 2 are associated with nonsyndromic high myopia. Genetics in Medicine, 2015, 17, 300-306.	1.1	63
39	The Royal College of Ophthalmologists' National Ophthalmology Database study of cataract surgery: report 1, visual outcomes and complications. Eye, 2015, 29, 552-560.	1.1	241
40	Routine versus As-Needed Bevacizumab withÂ12-Weekly Assessment Intervals forÂNeovascular Age-Related Macular Degeneration. Ophthalmology, 2015, 122, 1348-1355.	2.5	11
41	The Barrie Jones Lecture—Eye care for the neglected population: challenges and solutions. Eye, 2015, 29, 30-45.	1.1	41
42	Predictors of visual and anatomical outcomes for neovascular age-related macular degeneration treated with bevacizumab. Biomedical Reports, 2015, 3, 503-508.	0.9	5
43	Increasing Prevalence of Myopia in Europe and the Impact of Education. Ophthalmology, 2015, 122, 1489-1497.	2.5	329
44	Prevalence of refractive error in Europe: the European Eye Epidemiology (E3) Consortium. European Journal of Epidemiology, 2015, 30, 305-315.	2.5	306
45	Self-reported Calcium Supplementation and Age-Related Macular Degeneration. JAMA Ophthalmology, 2015, 133, 746.	1.4	22
46	Gene therapy for age-related macular degeneration. Lancet, The, 2015, 386, 2369-2370.	6.3	4
48	Novel Therapies in Development for Diabetic Macular Edema. Current Diabetes Reports, 2015, 15, 75.	1.7	30
49	Prevalence of Diabetic Retinopathy and Vision Loss in the Beijing Eye Study: the Potential Role of the Cerebrospinal Fluid Pressure. Current Diabetes Reports, 2015, 15, 71.	1.7	7
50	Ancestry, Socioeconomic Status, and Age-Related Cataract in Asians. Ophthalmology, 2015, 122, 2169-2178.	2.5	65
51	Randomised, single-masked non-inferiority trial of femtosecond laser-assisted versus manual phacoemulsification cataract surgery for adults with visually significant cataract: the FACT trial protocol. BMJ Open, 2015, 5, e010381.	0.8	15
52	Trachoma Control: 14 Years Later. Ophthalmic Epidemiology, 2015, 22, 145-147.	0.8	3
53	Oxidative and Anti-Oxidative Stress Markers in Chronic Glaucoma: A Systematic Review and Meta-Analysis. PLoS ONE, 2016, 11, e0166915.	1.1	124
54	Harrowing Blindness and Ocular Morbidity in a Himalayan Village. Journal of College of Medical Sciences-Nepal, 2016, 6, 582-583.	0.2	2
55	Somatic Variants in the Human Lens Epithelium: A Preliminary Assessment. , 2016, 57, 4063.		6
56	Social Accountability: Introducing a new dimension in optometric education. South African Journal of Higher Education, 2016, 30, .	0.2	3

#	Article	IF	CITATIONS
57	While We Waited: Incidence and Predictors of Falls in Older Adults With Cataract. , 2016, 57, 6003.		28
58	Increased Ocular Levels of MicroRNA-148a in Cases of Retinal Detachment Promote Epithelial–Mesenchymal Transition. , 2016, 57, 2699.		23
59	Diabetic Macular Edema Pathophysiology: Vasogenic versus Inflammatory. Journal of Diabetes Research, 2016, 2016, 1-17.	1.0	238
60	Global Patterns in Health Burden of Uncorrected Refractive Error. , 2016, 57, 6271.		56
61	Association between the Angiotensin-Converting Enzyme (ACE) Genetic Polymorphism and Diabetic Retinopathy—A Meta-Analysis Comprising 10,168 Subjects. International Journal of Environmental Research and Public Health, 2016, 13, 1142.	1.2	14
62	†Îf an Eye Is Washed Properly, It Means It Would See Clearly': A Mixed Methods Study of Face Washing Knowledge, Attitudes, and Behaviors in Rural Ethiopia. PLoS Neglected Tropical Diseases, 2016, 10, e0005099.	1.3	9
63	Number of People Blind or Visually Impaired by Glaucoma Worldwide and in World Regions 1990 – 2010: A Meta-Analysis. PLoS ONE, 2016, 11, e0162229.	1.1	159
64	Age-Specific Prevalence of Visual Impairment and Refractive Error in Children Aged 3–10 Years in Shanghai, China. , 2016, 57, 6188.		115
65	Novel Identity and Functional Markers for Human Corneal Endothelial Cells. , 2016, 57, 2749.		38
66	A nursing home staff tool for the indoor visual environment: The content validity. Journal of Nursing Education and Practice, 2016, 6, .	0.1	0
67	Translamina Cribrosa Pressure Difference as Potential Element in the Pathogenesis of Glaucomatous Optic Neuropathy. Asia-Pacific Journal of Ophthalmology, 2016, 5, 5-10.	1.3	25
68	Rapid assessment of refractive error in the eThekwini Municipality of KwaZuluâ€Natal, Durban, South Africa. Australasian journal of optometry, The, 2016, 99, 360-365.	0.6	11
69	Dynein, kinesin and morphological changes in optic nerve axons in a rat model with cerebrospinal fluid pressure reduction: the Beijing Intracranial and Intraocular Pressure (iCOP) study. Acta Ophthalmologica, 2016, 94, 266-275.	0.6	18
70	Myopia and/or longer axial length are protective against diabetic retinopathy: a metaâ€analysis. Acta Ophthalmologica, 2016, 94, 346-352.	0.6	38
71	RISK OF AGE-RELATED MACULAR DEGENERATION IN END-STAGE RENAL DISEASE PATIENTS RECEIVING LONG-TERM DIALYSIS. Retina, 2016, 36, 1866-1873.	1.0	12
72	Population-Based Trachoma Mapping in Six Evaluation Units of Papua New Guinea. Ophthalmic Epidemiology, 2016, 23, 22-31.	0.8	21
73	The Epidemiology of Trachoma in Darfur States and Khartoum State, Sudan: Results of 32 Population-Based Prevalence Surveys. Ophthalmic Epidemiology, 2016, 23, 381-391.	0.8	33
74	Collaborative care of nonâ€urgent macular disease: a study of interâ€optometric referrals. Ophthalmic and Physiological Optics, 2016, 36, 632-642.	1.0	19

#	Article	IF	CITATIONS
75	Efficacy of automated computer-aided diagnosis of retinal nerve fibre layer defects in healthcare screening. British Journal of Ophthalmology, 2017, 101, bjophthalmol-2015-307527.	2.1	1
76	Glycaemic control during cataract surgery under loco-regional anaesthesia: a growing problem and we are none the wiser. British Journal of Anaesthesia, 2016, 117, 687-691.	1.5	13
77	The Incidence of Senile Cataract and Glaucoma is Increased in Patients with Plasma Cell Dyscrasias: Etiologic Implications. Scientific Reports, 2016, 6, 28500.	1.6	14
78	Clinical outcomes of a new diffractive trifocal intraocular lens with Enhanced Depth of Focus (EDOF). BMC Ophthalmology, 2016, 16, 208.	0.6	20
79	Myopia Genetics—The Asia-Pacific Perspective. Asia-Pacific Journal of Ophthalmology, 2016, 5, 236-244.	1.3	22
80	Arclight: a pocket ophthalmoscope for the 21st century. BMJ, The, 2016, 355, i6637.	3.0	16
81	Quality of Life in Glaucoma: A Review of the Literature. Advances in Therapy, 2016, 33, 959-981.	1.3	167
82	Global Vision Impairment and Blindness Due to Uncorrected Refractive Error, 1990–2010. Optometry and Vision Science, 2016, 93, 227-234.	0.6	153
83	A Sustainable Model For Delivering High-Quality, Efficient Cataract Surgery In Southern India. Health Affairs, 2016, 35, 1783-1790.	2.5	37
84	Association of monocyte chemoattractant protein-1 gene 2518A/G polymorphism with diabetic retinopathy in type 2 diabetes mellitus: A meta-analysis. Diabetes Research and Clinical Practice, 2016, 120, 40-46.	1.1	10
85	Cadmium and lead exposure and risk of cataract surgery in U.S. adults. International Journal of Hygiene and Environmental Health, 2016, 219, 850-856.	2.1	31
86	Infrared reflectance imaging in ageâ€related macular degeneration. Ophthalmic and Physiological Optics, 2016, 36, 303-316.	1.0	37
87	Interventions to Promote Follow-up After Trabeculectomy Surgery in Rural Southern China. JAMA Ophthalmology, 2016, 134, 1135.	1.4	11
88	lridotomy to slow progression of angle-closure glaucoma. The Cochrane Library, 2016, 2016, .	1.5	2
89	Global Estimates on the Number of People Blind or Visually Impaired by Diabetic Retinopathy: A Meta-analysis From 1990 to 2010. Diabetes Care, 2016, 39, 1643-1649.	4.3	435
90	Cone Integrity in Claucoma: An Adaptive-Optics Scanning Laser Ophthalmoscopy Study. American Journal of Ophthalmology, 2016, 171, 53-66.	1.7	17
91	High-refractive quinolinone-based polymers for ophthalmic devices. Journal of Polymer Research, 2016, 23, 1.	1.2	5
92	Influence of high myopia on outcomes of trabeculectomy with mitomycin C in patients with primary open-angle glaucoma, lapanese lournal of Ophthalmology, 2016, 60, 446-453.	0.9	17

#	Article	IF	CITATIONS
93	Prevalence of Trachoma in Bauchi State, Nigeria: Results of 20 Local Government Area-Level Surveys. Ophthalmic Epidemiology, 2016, 23, 39-45.	0.8	19
94	Availability of evidence on cataract in low/middle-income settings: a review of reviews using evidence gap maps approach. British Journal of Ophthalmology, 2016, 100, 1455-1460.	2.1	5
95	Visual impairment and the risk of mortality: addressing complex associations. Journal of Epidemiology and Community Health, 2016, 70, 746-747.	2.0	3
96	Visual Augmentation Glasses for People with Impaired Vision. , 2016, , .		4
97	Prevalence of Trachoma in Gambella Region, Ethiopia: Results of Three Population-Based Prevalence Surveys Conducted with the Global Trachoma Mapping Project. Ophthalmic Epidemiology, 2016, 23, 77-83.	0.8	14
98	Prevalence of and Risk Factors for Trachoma in Southern Nations, Nationalities, and Peoples' Region, Ethiopia: Results of 40 Population-Based Prevalence Surveys Carried Out with the Global Trachoma Mapping Project. Ophthalmic Epidemiology, 2016, 23, 84-93.	0.8	43
99	Prevalence of Trachoma in Benishangul Gumuz Region, Ethiopia: Results of Seven Population-Based Surveys from the Global Trachoma Mapping Project. Ophthalmic Epidemiology, 2016, 23, 70-76.	0.8	17
100	Mapping Trachoma in Kaduna State, Nigeria: Results of 23 Local Government Area-Level, Population-Based Prevalence Surveys. Ophthalmic Epidemiology, 2016, 23, 46-54.	0.8	13
101	Targeting glucose metabolism for healthy aging. Nutrition and Healthy Aging, 2016, 4, 31-46.	0.5	55
102	Colored lenses suppress blue light-emitting diode light-induced damage in photoreceptor-derived cells. Journal of Biomedical Optics, 2016, 21, 035004.	1.4	14
103	Combined phacoemulsification and XEN45 surgery from a temporal approach and 2 incisions. Archivos De La Sociedad Espanola De Oftalmologia, 2016, 91, 415-421.	0.1	53
104	Visual impairment screening at the Geriatric Frailty Clinic for Assessment of Frailty and Prevention of Disability at the GérontopÃ1e. Journal of Nutrition, Health and Aging, 2016, 20, 870-877.	1.5	22
105	Addressing ethical challenges in the Genetics Substudy of the National Eye Survey of Trinidad and Tobago (CSNESTT). Applied & Translational Genomics, 2016, 9, 6-14.	2.1	6
106	Setting targets for human resources for eye health in sub-Saharan Africa: what evidence should be used?. Human Resources for Health, 2016, 14, 11.	1.1	28
107	Higher Cognitive Function in Elderly Individuals with Previous Cataract Surgery: Cross-Sectional Association Independent of Visual Acuity in the HEIJO-KYO Cohort. Rejuvenation Research, 2016, 19, 239-243.	0.9	11
108	PTGFR and SLCO2A1 Gene Polymorphisms Determine Intraocular Pressure Response to Latanoprost in Han Chinese Patients with Glaucoma. Current Eye Research, 2016, 41, 1561-1565.	0.7	19
109	Prevalence of Refractive Errors in the INK Area, Durban, South Africa. Optometry and Vision Science, 2016, 93, 243-250.	0.6	17
110	Visually significant cataract: a global challenge. Clinical and Experimental Ophthalmology, 2016, 44, 85-86.	1.3	Ο

#	Article	IF	CITATIONS
111	The role of pharmacogenetics and advances in gene therapy in the treatment of diabetic retinopathy. Pharmacogenomics, 2016, 17, 309-320.	0.6	10
112	The Royal College of Ophthalmologists' Cataract Surgery Commissioning Guidance: executive summary. Eye, 2016, 30, 498-502.	1.1	8
113	Effect of subconjunctival glucose on retinal ganglion cell survival in experimental retinal ischaemia and contrast sensitivity in human glaucoma. Clinical and Experimental Ophthalmology, 2016, 44, 24-32.	1.3	13
114	CirugÃa combinada mediante facoemulsificación e implante XEN45 con acceso temporal y 2 únicas incisiones. Archivos De La Sociedad Espanola De Oftalmologia, 2016, 91, 415-421.	0.1	101
115	Pathology of Mouse Models of Accelerated Aging. Veterinary Pathology, 2016, 53, 366-389.	0.8	79
116	Global Prevalence of Myopia and High Myopia and Temporal Trends from 2000 through 2050. Ophthalmology, 2016, 123, 1036-1042.	2.5	2,684
117	Retinal Imaging Techniques for Diabetic Retinopathy Screening. Journal of Diabetes Science and Technology, 2016, 10, 282-294.	1.3	111
118	Tools to fight the cataract epidemic: A review of experimental animal models that mimic age related nuclear cataract. Experimental Eye Research, 2016, 145, 432-443.	1.2	36
119	Glaucoma in Asia: regional prevalence variations and future projections. British Journal of Ophthalmology, 2016, 100, 78-85.	2.1	160
120	La vision dans l'exploration de la fragilité chez le sujet âgé. NPG Neurologie - Psychiatrie - Geriatrie, 2017, 17, 51-57.	0.1	0
121	The Age-Related Eye Disease 2 Study: Micronutrients in the Treatment of Macular Degeneration. Advances in Nutrition, 2017, 8, 40-53.	2.9	86
122	Caffeine Prevents Blood Retinal Barrier Damage in a Model, In Vitro, of Diabetic Macular Edema. Journal of Cellular Biochemistry, 2017, 118, 2371-2379.	1.2	28
123	The National Eye Survey of Trinidad and Tobago (NESTT): Rationale, Objectives and Methodology. Ophthalmic Epidemiology, 2017, 24, 116-129.	0.8	6
124	Gene therapy for diabetic retinopathy: Are we ready to make the leap from bench to bedside?. , 2017, 173, 1-18.		34
125	Recent advances in molecular biomarkers for diabetes mellitus: a systematic review. Biomarkers, 2017, 22, 1-13.	0.9	17
126	Inequality in cataract blindness and services: moving beyond unidimensional analyses of social position. British Journal of Ophthalmology, 2017, 101, 395-400.	2.1	23
127	Visual Loss and Subsequent Activity Limitations in the Elderly: The French Three-City Cohort. American Journal of Public Health, 2017, 107, 564-569.	1.5	41
128	High-refractive index polyacrylates based on quinolinone-structures for intraocular lenses. , 2017, , .		0

ARTICLE IF CITATIONS Partial duplication of the CRYBB1-CRYBA4 locus is associated with autosomal dominant congenital 130 12 1.4 cataract. European Journal of Human Genetics, 2017, 25, 711-718. Association between OCT-based microangiography perfusion indices and diabetic retinopathy severity. British Journal of Ophthalmology, 2017, 101, 960-964. 2.1 23 Genome-wide mRNA analysis reveals a TUBD1 isoform profile as a potential biomarker for diabetic 132 1.2 10 retinopathy development. Experimental Eye Research, 2017, 155, 99-106. Impact of intravitreal pharmacotherapies including antivascular endothelial growth factor and 1.3 34 corticosteroid agents on diabetic retinopathy. Current Opinion in Ophthalmology, 2017, 28, 213-218. Microaneurysm Candidate Extraction Methodology in Retinal Images for the Integration into 134 1.0 2 Classification-Based Detection Systems. Lecture Notes in Computer Science, 2017, , 376-384. Prevalence of Diabetic Retinopathy in Urban Slums: The Aditya Jyot Diabetic Retinopathy in Urban 0.8 Mumbai Slums Studyâ€"Report 2. Ophthalmic Epidemiology, 2017, 24, 303-310. The Diabetic Retinopathy Barometer Study: Global perspectives on access to and experiences of 136 1.1 71 diabetic retinopathy screening and treatment. Diabetes Research and Clinical Practice, 2017, 129, 16-24. Reduced-cost Chlamydia trachomatis -specific multiplex real-time PCR diagnostic assay evaluated for ocular swabs and use by trachoma research programmes. Journal of Microbiological Methods, 2017, 139, 95-102 Socioeconomic Disparity in Global Burden of Cataract: An Analysis for 2013 With Time Trends Since 138 1.7 41 1990. American Journal of Ophthalmology, 2017, 180, 91-96. CHOROIDAL VASCULARITY INDEX. Retina, 2017, 37, 1120-1125. 1.0 Comparison of Corneal Biomechanical Properties between Indian and Chinese Adults. Ophthalmology, 140 2.5 11 2017, 124, 1271-1279. Preeclampsia and the risk of cataract extraction in life. American Journal of Obstetrics and Gynecology, 2017, 216, 417.e1-417.e8. Resource Utilization Among Glaucoma Patients in the UK Treated with Beta-Blocker and 142 Non-Beta-Blocker Adjunctive Therapy: A Retrospective Cohort Analysis. Advances in Therapy, 2017, 34, 1.3 4 1695-1706. Blindness., 2017, , 239-246. 143 The incidence of diabetes mellitus and diabetic retinopathy in a population-based cohort study of 144 0.9 27 people age 50Âyears and over in Nakuru, Kenya. BMC Endocrine Disorders, 2017, 17, 19. Retinal Prostheses. Journal of Vitreoretinal Diseases, 2017, 1, 204-213. 145 Genome-Wide Association Study of Age-Related Eye Diseases in Chinese Population. Essentials in 146 0.00 Ophthalmology, 2017, , 209-229. Human Embryonic Stem Cell-Derived Retinal Pigment Epithelial Cell Transplantation for Retinal Degeneration., 2017, , 3-17.

#	Article	IF	CITATIONS
148	Autologous Bone Marrow-Derived Cell Therapies for Retinal Disease. , 2017, , 79-94.		0
149	HIGH MYOPIA AND DIABETIC RETINOPATHY. Retina, 2017, 37, 1270-1276.	1.0	32
150	The global state of cataract blindness. Current Opinion in Ophthalmology, 2017, 28, 98-103.	1.3	233
151	Selective Serotonin Reuptake Inhibitors and Cataract Risk. Ophthalmology, 2017, 124, 1635-1639.	2.5	10
152	Glaucoma. Lancet, The, 2017, 390, 2183-2193.	6.3	890
153	Trio-based exome sequencing arrests de novo mutations in early-onset high myopia. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4219-4224.	3.3	77
154	The Effects of Phacoemulsification on Intraocular Pressure and Topical Medication Use in Patients With Glaucoma: A Systematic Review and Meta-analysis of 3-Year Data. Journal of Glaucoma, 2017, 26, 511-522.	0.8	72
155	Progression of Near Vision Loss and Incidence of Near Vision Impairment in an Adult Chinese Population. Ophthalmology, 2017, 124, 734-742.	2.5	16
156	Impact of refractive error on quality of life: a qualitative study. Clinical and Experimental Ophthalmology, 2017, 45, 677-688.	1.3	77
157	Modulation of microglia in the retina: new insights into diabetic retinopathy. Acta Diabetologica, 2017, 54, 527-533.	1.2	72
158	Type 2 Diabetes Genetic Variants and Risk of Diabetic Retinopathy. Ophthalmology, 2017, 124, 336-342.	2.5	21
159	Cost and Expected Visual Effect of Interventions to Improve Follow-up After Cataract Surgery. JAMA Ophthalmology, 2017, 135, 85.	1.4	16
160	THE EFFECT OF DIABETES ON CARDIOVASCULAR SYSTEM. Journal of Mechanics in Medicine and Biology, 2017, 17, 1740008.	0.3	2
161	Refractive error, through the lens of the patient. Clinical and Experimental Ophthalmology, 2017, 45, 673-674.	1.3	1
162	High-density lipoprotein mutant eye drops for the treatment of posterior eye diseases. Journal of Controlled Release, 2017, 266, 301-309.	4.8	34
163	Hepatitis virus infection and age-related cataract. Scientific Reports, 2017, 7, 13089.	1.6	7
164	Global causes of blindness and distance vision impairment 1990–2020: a systematic review and meta-analysis. The Lancet Global Health, 2017, 5, e1221-e1234.	2.9	2,053
165	Global causes of vision loss in 2015: are we on track to achieve the Vision 2020 target?. The Lancet Global Health, 2017, 5, e1164-e1165.	2.9	21

# 166	ARTICLE Association of Socioeconomics With Prevalence of Visual Impairment and Blindness. JAMA Ophthalmology, 2017, 135, 1295.	IF 1.4	CITATIONS
167	International Vision Care: Issues and Approaches. Annual Review of Vision Science, 2017, 3, 53-68.	2.3	16
168	Discerning the composition of penetratin for safe penetration from cornea to retina. Acta Biomaterialia, 2017, 63, 123-134.	4.1	22
169	Risk factors of diabetic retinopathy and sight-threatening diabetic retinopathy: a cross-sectional study of 13 473 patients with type 2 diabetes mellitus in mainland China. BMJ Open, 2017, 7, e016280.	0.8	75
170	Myopia. Advances in Ophthalmology and Optometry, 2017, 2, 63-74.	0.3	1
171	Eficacia del SENSIMED Triggerfish ® para el seguimiento postoperatorio de la cirugÃa combinada FACO-ExPRESS. Archivos De La Sociedad Espanola De Oftalmologia, 2017, 92, 372-378.	0.1	5
172	Efficacy of the SENSIMED Triggerfish ® in the postoperative follow-up of PHACO-ExPRESS combined surgery. Archivos De La Sociedad Espanola De Oftalmologia, 2017, 92, 372-378.	0.1	1
173	Magnitude, temporal trends, and projections of the global prevalence of blindness and distance and near vision impairment: a systematic review and meta-analysis. The Lancet Global Health, 2017, 5, e888-e897.	2.9	1,443
174	ARMS2 and HTRA1 gene polymorphisms in association with age-related macular degeneration in an Egyptian cohort. Middle East Journal of Medical Genetics, 2017, 6, 22-28.	0.0	1
175	REGRESSION OF TYPE 2 NEOVASCULARIZATION INTO A TYPE 1 PATTERN AFTER INTRAVITREAL ANTI-VASCULAR ENDOTHELIAL GROWTH FACTOR THERAPY FOR NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. Retina, 2017, 37, 222-233.	1.0	29
176	Optical Coherence Tomography Angiography of the Peripapillary Retina in Primary Angle-Closure Glaucoma. American Journal of Ophthalmology, 2017, 182, 194-200.	1.7	69
177	Ganglion cell layer segmentation and the two-flash multifocal electroretinogram improve structure function analysis in early glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 1991-2000.	1.0	4
178	Geographic and Demographic Variation in Use of Ranibizumab Versus Bevacizumab for Neovascular Age-related Macular Degeneration in the United States. American Journal of Ophthalmology, 2017, 184, 157-166.	1.7	15
179	Patient-reported Outcomes for Assessment of Quality of Life in Refractive Error: A Systematic Review. Optometry and Vision Science, 2017, 94, 1102-1119.	0.6	32
180	Timing of first childbirth and age-related cataract. Menopause, 2017, 24, 996-1002.	0.8	5
181	Latest developments and advances in the prevention of blindness, a global perspective. Journal of Current Ophthalmology, 2017, 29, 73-75.	0.3	1
182	Diabetes in sub-Saharan Africa: from clinical care to health policy. Lancet Diabetes and Endocrinology,the, 2017, 5, 622-667.	5.5	328
183	Sensor fusion for ecologically valid obstacle identification: Building a comprehensive assistive technology platform for the visually impaired. , 2017, , .		20

#	Article	IF	CITATIONS
184	Retinal vascular injuries and intravitreal human embryonic stem cellâ€derived haemangioblasts. Acta Ophthalmologica, 2017, 95, e468-e476.	0.6	2
185	Progress of stem/progenitor cell-based therapy for retinal degeneration. Journal of Translational Medicine, 2017, 15, 99.	1.8	50
186	Association of Vascular Versus Avascular Subretinal Hyperreflective Material With Aflibercept Response in Age-related Macular Degeneration. American Journal of Ophthalmology, 2017, 181, 61-70.	1.7	21
187	Corneal topographic alterations after selective laser trabeculoplasty. International Ophthalmology, 2017, 37, 905-910.	0.6	10
188	The association of geographic atrophy and decreased renal function in patients with age-related macular degeneration. Eye, 2017, 31, 62-67.	1.1	7
189	Human bone marrow mesenchymal stem cells for retinal vascular injury. Acta Ophthalmologica, 2017, 95, e453-e461.	0.6	21
190	The global diabetes epidemic: what does it mean for infectious diseases in tropical countries?. Lancet Diabetes and Endocrinology,the, 2017, 5, 457-468.	5.5	118
191	The physiological optics of the lens. Progress in Retinal and Eye Research, 2017, 56, e1-e24.	7.3	102
192	Serology reflects a decline in the prevalence of trachoma in two regions of The Gambia. Scientific Reports, 2017, 7, 15040.	1.6	28
193	Cataract surgery and environmental sustainability: Waste and lifecycle assessment of phacoemulsification at a private healthcare facility. Journal of Cataract and Refractive Surgery, 2017, 43, 1391-1398.	0.7	145
194	Epigenetic Treatment of Neurodegenerative Ophthalmic Disorders: An Eye Toward the Future. BioResearch Open Access, 2017, 6, 169-181.	2.6	13
195	Weakly-supervised localization of diabetic retinopathy lesions in retinal fundus images. , 2017, , .		95
196	Augmented and virtual reality approaches to help with peripheral vision loss. , 2017, , .		9
197	Symptoms detection in eye retina image. , 2017, , .		0
198	Updates on the Epidemiology of Age-Related Macular Degeneration. Asia-Pacific Journal of Ophthalmology, 2017, 6, 493-497.	1.3	139
199	Amorpha fruticosa – A Noxious Invasive Alien Plant in Europe or a Medicinal Plant against Metabolic Disease?. Frontiers in Pharmacology, 2017, 8, 333.	1.6	31
200	Simulation and analysis of light scattering by multilamellar bodies present in the human eye. Biomedical Optics Express, 2017, 8, 3029.	1.5	4
201	Cataract surgery in patients with pseudoexfoliation syndrome: current updates. Clinical Ophthalmology, 2017, Volume 11, 1377-1383.	0.9	36

		CITATION RI	EPORT	
#	Article		IF	CITATIONS
202	Association Between Serum Complement C3 Levels and Age-Related Cataract. , 2017,	58, 4934.		4
203	Vitamin D and Age-Related Macular Degeneration. Nutrients, 2017, 9, 1120.		1.7	43
204	Immunofibrogenic Gene Expression Patterns in Tanzanian Children with Ocular Chlamy trachomatis Infection, Active Trachoma and Scarring: Baseline Results of a 4-Year Long Frontiers in Cellular and Infection Microbiology, 2017, 7, 406.		1.8	19
205	Revisiting Vision Rehabilitation. Frontiers in Systems Neuroscience, 2017, 11, 82.		1.2	17
206	Public Health Eye Care: Modeling Techniques to Translate Evidence Into Effective Actio Statistics, 2017, , 317-345.	n. Handbook of	0.4	0
207	Correlation between miR-148 Expression in Vitreous and Severity of Rhegmatogenous Detachment. BioMed Research International, 2017, 2017, 1-8.	Retinal	0.9	10
208	The Epidemiology of Cataractâ [~] †. , 2017, , .			0
209	Variations and Trends in Health Burden of Visual Impairment Due to Cataract: A Global 58, 4299.	Analysis. , 2017,		39
210	Prevalence, Risk Factors, and Impact of Undiagnosed Visually Significant Cataract: The Epidemiology of Eye Diseases Study. PLoS ONE, 2017, 12, e0170804.	Singapore	1.1	34
211	Glaucoma in high myopia and parapapillary delta zone. PLoS ONE, 2017, 12, e0175120).	1.1	51
212	Defining Seropositivity Thresholds for Use in Trachoma Elimination Studies. PLoS Negle Diseases, 2017, 11, e0005230.	ected Tropical	1.3	62
213	Integration of eye health into primary care services in Tanzania: a qualitative investigat experiences in two districts. BMC Health Services Research, 2017, 17, 823.	ion of	0.9	8
214	Ocular lubricant use in medically and surgically treated glaucoma: a retrospective longi analysis. Clinical Ophthalmology, 2017, Volume 11, 1191-1196.	tudinal	0.9	10
215	Patient Awareness of Cataract and Age-related Macular Degeneration among the Korea Population-based Study. Korean Journal of Ophthalmology: KJO, 2017, 31, 557.	an Elderly: A	0.5	5
216	Animal Models in Cataract Research. , 2017, , 103-116.			0
217	Pattern Visual Evoked Potential Changes in Diabetic Patients without Retinopathy. Jour Ophthalmology, 2017, 2017, 1-6.	mal of	0.6	6
218	Microperimetry $\hat{a} \in A$ New Tool for Assessing Retinal Sensitivity in Macular Diseases. Jo and Diagnostic Research JCDR, 2017, 11, NC08-NC11.	urnal of Clinical	0.8	26
219	Surgical efficiency in femtosecond laser cataract surgery compared with phacoemulsifi cataract surgery: a case–control study. BMJ Open, 2018, 8, e018478.	cation	0.8	6

#	Article	IF	CITATIONS
220	Design and validation of a foldable and photovoltaic wide-field epiretinal prosthesis. Nature Communications, 2018, 9, 992.	5.8	128
221	Efficacy of a Deep Learning System for Detecting Glaucomatous Optic Neuropathy Based on Color Fundus Photographs. Ophthalmology, 2018, 125, 1199-1206.	2.5	538
222	Antiâ€vascular endothelial growth factors treatment of wet ageâ€related macular degeneration: from neurophysiology to costâ€effectiveness. Acta Ophthalmologica, 2018, 96, 1-46.	0.6	2
223	Orthostatic hypertension as a risk factor for age-related macular degeneration: Evidence from the Irish longitudinal study on ageing. Experimental Gerontology, 2018, 106, 80-87.	1.2	13
224	The area of fixation covaries with shortâ€ŧerm changes in visual acuity after antiâ€vascular endothelial growth factor treatment in patients with diabetic macular oedema. Acta Ophthalmologica, 2018, 96, 744-748.	0.6	1
225	Branched chain amino acids attenuate major pathologies in mouse models of retinal degeneration and glaucoma. Heliyon, 2018, 4, e00544.	1.4	19
226	Association between serum lipids concentration and patients with age-related cataract in China: a cross-sectional, case–control study. BMJ Open, 2018, 8, e021496.	0.8	15
227	Improved retinal and visual function following panmacular subthreshold diode micropulse laser for retinitis pigmentosa. Eye, 2018, 32, 1099-1110.	1.1	18
228	Diabetic retinopathy screening programme utilising nonâ€mydriatic fundus imaging in slum populations of New Delhi, India. Tropical Medicine and International Health, 2018, 23, 405-414.	1.0	16
229	Overestimation of hyperopia with autorefraction compared with retinoscopy under cycloplegia in school-age children. British Journal of Ophthalmology, 2018, 102, 1717-1722.	2.1	18
230	Prevalence and Causes of Unilateral Vision Impairment and Unilateral Blindness in Australia. JAMA Ophthalmology, 2018, 136, 240.	1.4	21
231	Phacoemulsification outcomes in Boston terriers as compared to nonâ€Boston terriers: a retrospective study (2002–2015). Veterinary Ophthalmology, 2018, 21, 353-361.	0.6	14
232	Cataract in patients with diabetes mellitus—incidence rates in the UK and risk factors. Eye, 2018, 32, 1028-1035.	1.1	71
233	Microspheres as intraocular therapeutic tools in chronic diseases of the optic nerve and retina. Advanced Drug Delivery Reviews, 2018, 126, 127-144.	6.6	28
234	Vision loss in Indigenous peoples of the world: a systematic review protocol. JBI Database of Systematic Reviews and Implementation Reports, 2018, 16, 260-268.	1.7	1
235	Near Visual Impairment Incidence in Relation to Diabetes in Older People: The Three ities Study. Journal of the American Geriatrics Society, 2018, 66, 699-705.	1.3	5
236	Health system dynamics analysis of eyecare services in Trinidad and Tobago and progress towards Vision 2020 Goals. Health Policy and Planning, 2018, 33, 70-84.	1.0	10
237	Opinions on corrective refractive surgery. Canadian Journal of Ophthalmology, 2018, 53, 278-283.	0.4	2

ARTICLE IF CITATIONS Shared Cared for Stable Glaucoma Patients. Journal of Glaucoma, 2018, 27, 170-175. 238 0.8 3 Association of Sex With the Global Burden of Cataract. JAMA Ophthalmology, 2018, 136, 116. 1.4 Variations in Choroidal and Macular Thickness Maps after Uneventful Phacoemulsification. Seminars 240 0.8 8 in Ophthalmology, 2018, 33, 719-725. Novel Image-Based Analysis for Reduction of Clinician-Dependent Variability in Measurement of the 241 0.9 Corneal Ulcer Size. Cornea, 2018, 37, 331-339. Real-world outcomes in patients with neovascular age-related macular degeneration treated with intravitreal vascular endothelial growth factor inhibitors. Progress in Retinal and Eye Research, 242 7.3 205 2018, 65, 127-146. Prevalence and causes of low vision and blindness in an elderly population in Nepal: the Bhaktapur retina study. BMC Ophthalmology, 2018, 18, 42. Regional differences in the prevalence of diabetic retinopathy: a multi center study in Brazil. 244 1.2 5 Diabetology and Metabolic Syndrome, 2018, 10, 17. A new perspective on lipid research in age-related macular degeneration. Progress in Retinal and Eye 7.3 Research, 2018, 67, 56-86. Rethinking Management Strategies for Proliferative Diabetic Retinopathy. Ophthalmic Surgery Lasers 246 0.4 1 and Imaging Retina, 2018, 49, 224-227. Pharmacology study of a chimeric decoy receptor trap fusion protein on retina neovascularization by 247 1.9 dual blockage of VEGF and FGF-2. European Journal of Pharmaceutical Sciences, 2018, 121, 251-259. Global prevalence of visual impairment associated with myopic macular degeneration and temporal trends from 2000 through 2050: systematic review, meta-analysis and modelling. British Journal of 248 198 2.1 Ophthalmology, 2018, 102, 855-862. Laminins in an in \tilde{A}_{i} , \hat{A}_{2} vitro anterior lens capsule model established using HLE B-3 cells. Molecular 1.1 Medicine Reports, 2018, 17, 5726-5733. Glaucoma Features in an East African Population: A 6-Year Cohort Study of Older Adults in Nakuru, 250 0.8 14 Kenya. Journal of Glaucoma, 2018, 27, 455-463. The Berlin Declaration: A call to action to improve early actions related to type 2 diabetes. How can 1.1 specialist care help?. Diabetes Research and Clinical Practice, 2018, 139, 392-399. Incidence of and Risk Factors Associated With Age-Related Macular Degeneration. JAMA 252 1.4 60 Ophthalmology, 2018, 136, 473. Prevalence and Causes of Visual Loss Among the Indigenous Peoples of the World. JAMA 1.4 24 Ophthalmology, 2018, 136, 567. A case of drug induced lung injury caused by levofloxacin eye drops. Respiratory Medicine Case 254 0.2 2 Reports, 2018, 24, 12-15. The Decreasing Prevalence of Nonrefractive Visual Impairment in Older Europeans. Ophthalmology, 2018, 125, 1149-1159.

#	Article	IF	CITATIONS
256	Prevalence and causes of vision loss in high-income countries and in Eastern and Central Europe in 2015: magnitude, temporal trends and projections. British Journal of Ophthalmology, 2018, 102, 575-585.	2.1	211
257	Impact of vision impairment and self-reported barriers to vision care: The views of elders in Nuwara Eliya district, Sri Lanka. Global Public Health, 2018, 13, 642-655.	1.0	3
258	Systematic Review of Knowledge Assessments for Glaucoma Patients. Seminars in Ophthalmology, 2018, 33, 377-388.	0.8	13
259	ANGIOPOIETIN-LIKE 4 CORRELATES WITH RESPONSE TO INTRAVITREAL RANIBIZUMAB INJECTIONS IN NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. Retina, 2018, 38, 523-530.	1.0	14
260	Multi-layered silk film coculture system for human corneal epithelial and stromal stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 285-295.	1.3	32
261	An epidemiological investigation of age-related macular degeneration in aged population in China: the Hainan study. International Ophthalmology, 2018, 38, 1659-1667.	0.6	7
262	What are the priorities for improving cataract surgical outcomes in Africa? Results of a Delphi exercise. International Ophthalmology, 2018, 38, 1409-1414.	0.6	16
263	Impact of age at first childbirth on primary open-angle glaucoma. Menopause, 2018, 25, 82-88.	0.8	3
264	Physical activity and myopia in Danish children—The <scp>CHAMPS</scp> Eye Study. Acta Ophthalmologica, 2018, 96, 134-141.	0.6	38
265	Excimer laser refractive surgery rate in Iran: 2010–2014. Journal of Current Ophthalmology, 2018, 30, 311-314.	0.3	2
266	Effective Interventions for Diabetes Patients by Community Pharmacists: A Meta-analysis of Pharmaceutical Care Components. Annals of Pharmacotherapy, 2018, 52, 198-211.	0.9	34
267	Learning ensemble classifiers for diabetic retinopathy assessment. Artificial Intelligence in Medicine, 2018, 85, 50-63.	3.8	65
268	Prevention of macular edema after cataract surgery. Current Opinion in Ophthalmology, 2018, 29, 48-53.	1.3	32
269	Design and methodology of the Shanghai child and adolescent largeâ€scale eye study (SCALE). Clinical and Experimental Ophthalmology, 2018, 46, 329-338.	1.3	16
270	A comprehensive approach to evaluating and classifying sun-protective clothing. British Journal of Dermatology, 2018, 178, 958-964.	1.4	26
271	The prevalence and causes of visual impairment in sevenâ€yearâ€old children. Australasian journal of optometry, The, 2018, 101, 380-385.	0.6	13
272	Thioredoxin-interacting protein deficiency ameliorates diabetic retinal angiogenesis. International Journal of Biochemistry and Cell Biology, 2018, 94, 61-70.	1.2	23
273	Circulating levels of Hsp27 in microvascular complications of diabetes: Prospects as a biomarker of diabetic nephropathy. Journal of Diabetes and Its Complications, 2018, 32, 221-225.	1.2	21

#	Article	IF	CITATIONS
274	Cataract Surgery in Patients with Diabetes: Management Strategies. Seminars in Ophthalmology, 2018, 33, 75-82.	0.8	67
275	Burden of vision loss in the Eastern Mediterranean region, 1990–2015: findings from the Global Burden of Disease 2015 study. International Journal of Public Health, 2018, 63, 199-210.	1.0	17
276	Multimodal imaging of diabetic retinopathy. Current Opinion in Ophthalmology, 2018, 29, 566-575.	1.3	17
277	Systematic Assessment of Clinical Methods to Diagnose and Monitor Diabetic Retinal Neuropathy. Journal of Ophthalmology, 2018, 2018, 1-9.	0.6	3
278	Explorative investigation of the anti-glycative effect of a rapeseed by-product extract. Food and Function, 2018, 9, 5674-5681.	2.1	6
280	Migraine as a risk factor for primary open angle glaucoma. Medicine (United States), 2018, 97, e11377.	0.4	27
281	Applicants' Interest in International Ophthalmology during Residency Training: Influence in Selecting U.S. Residency Programs. Journal of Academic Ophthalmology (2017), 2018, 10, e48-e54.	0.2	2
282	Detection of exudates in fundus photographs with imbalanced learning using conditional generative adversarial network. Biomedical Optics Express, 2018, 9, 4863.	1.5	45
283	Blindness and Visual Impairment Profile and Rapid Assessment of Avoidable Blindness in South East Asia: Analysis of New Data. 2017 APAO Holmes Lecture. Asia-Pacific Journal of Ophthalmology, 2018, 7, 312-315.	1.3	12
284	Phacoemulsification Cataract Surgery without Viscoelastic Substance: Bianchiâ \in Ms Method. , 2018, , .		2
285	Circadian dysrhythmia-linked diabetes mellitus: Examining melatonin's roles in prophylaxis and management. World Journal of Diabetes, 2018, 9, 99-114.	1.3	24
286	Longitudinal refractive changes in adults: evidence from populationâ€based studies. Clinical and Experimental Ophthalmology, 2018, 46, 849-850.	1.3	0
287	The high prevalence of myopia in Korean children with influence of parental refractive errors: The 2008-2012 Korean National Health and Nutrition Examination Survey. PLoS ONE, 2018, 13, e0207690.	1.1	41
288	Single herbal medicine for diabetic retinopathy. The Cochrane Library, 2018, 2018, CD007939.	1.5	32
289	Prevalence of trachoma in the area councils of the Federal Capital Territory, Nigeria: results of six population-based surveys. Ophthalmic Epidemiology, 2018, 25, 11-17.	0.8	0
290	Epidemiology of trachoma and its implications for implementing the "SAFE―strategy in Somali Region, Ethiopia: results of 14 population-based prevalence surveys. Ophthalmic Epidemiology, 2018, 25, 25-32.	0.8	8
291	Prevalence of Trachoma in Kogi State, Nigeria: Results of four Local Government Area-Level Surveys from the Global Trachoma Mapping Project. Ophthalmic Epidemiology, 2018, 25, 33-40.	0.8	9
292	Prevalence of Trachoma in Senegal: Results of Baseline Surveys in 17 Districts. Ophthalmic Epidemiology, 2018, 25, 41-52.	0.8	4

щ			CITATIONS
#	ARTICLE Prevalence of and risk factors for trachoma in Kwara state, Nigeria: Results of eight population-based	IF	CITATIONS
293	surveys from the Global Trachoma Mapping Project. Ophthalmic Epidemiology, 2018, 25, 53-61.	0.8	3
294	Prevalence of Trachoma and Access to Water and Sanitation in Benue State, Nigeria: Results of 23 Population-Based Prevalence Surveys. Ophthalmic Epidemiology, 2018, 25, 79-85.	0.8	4
295	Prevalence of Trachoma in Four Local Government Areas of Jigawa State, Nigeria. Ophthalmic Epidemiology, 2018, 25, 86-92.	0.8	0
296	The Power of Ensembles for Active Learning in Image Classification. , 2018, , .		276
297	Prevalence Refractive Errors among Medical Students of Qassim University, Saudi Arabia: Cross-Sectional Descriptive Study. Open Access Macedonian Journal of Medical Sciences, 2018, 6, 940-943.	0.1	16
298	Genetic Inactivation of Chlamydia trachomatis Inclusion Membrane Protein CT228 Alters MYPT1 Recruitment, Extrusion Production, and Longevity of Infection. Frontiers in Cellular and Infection Microbiology, 2018, 8, 415.	1.8	28
299	Age-related macular degeneration. Lancet, The, 2018, 392, 1147-1159.	6.3	958
300	Investigating the Fractal Dimension of the Foveal Microvasculature in Relation to the Morphology of the Foveal Avascular Zone and to the Macular Circulation in Patients With Type 2 Diabetes Mellitus. Frontiers in Physiology, 2018, 9, 1233.	1.3	17
301	Remodeling of Retinal Architecture in Diabetic Retinopathy: Disruption of Ocular Physiology and Visual Functions by Inflammatory Gene Products and Pyroptosis. Frontiers in Physiology, 2018, 9, 1268.	1.3	45
302	Decreased Serum Levels of Complement C3 Reflect Complement System Dysregulation in Patients With Primary Open-angle Glaucoma: Results From a Pilot Study. Journal of Glaucoma, 2018, 27, 761-768.	0.8	15
303	The impact of GJA8 SNPs on susceptibility to age-related cataract. Human Genetics, 2018, 137, 897-904.	1.8	6
304	Cataract surgery and age-related cognitive decline: A 13-year follow-up of the English Longitudinal Study of Ageing. PLoS ONE, 2018, 13, e0204833.	1.1	35
305	Myopia prevalence and risk factors in children. Clinical Ophthalmology, 2018, Volume 12, 1581-1587.	0.9	67
306	Patterns of posterior ocular complications in myopic eyes of Indian population. Scientific Reports, 2018, 8, 13700.	1.6	19
307	Multispectral Pattern Recognition Reveals a Diversity of Clinical Signs in Intermediate Age-Related Macular Degeneration. , 2018, 59, 1790.		7
308	Breastfeeding and Maternal Age-related Cataract. American Journal of Ophthalmology, 2018, 192, 124-130.	1.7	3
309	Association of Anticholinergic Drug Use With Risk for Late Age-Related Macular Degeneration. JAMA Ophthalmology, 2018, 136, 770.	1.4	4
310	Ocular Distribution and Pharmacodynamics of SF0166, a Topically Administered <i>α</i> _v <i>β</i> ₃ Integrin Antagonist, for the Treatment of Retinal Diseases. Journal of Pharmacology and Experimental Therapeutics, 2018, 366, 244-250.	1.3	20

#	Article	IF	CITATIONS
311	Clobal Prevalence of Presbyopia and Vision Impairment from Uncorrected Presbyopia. Ophthalmology, 2018, 125, 1492-1499.	2.5	302
312	Evaluating Eye Drop Instillation Technique and Its Determinants in Glaucoma Patients. Journal of Ophthalmology, 2018, 2018, 1-7.	0.6	14
313	Incidence of and Factors Associated With Myopia and High Myopia in Chinese Children, Based on Refraction Without Cycloplegia. JAMA Ophthalmology, 2018, 136, 1017.	1.4	118
314	Women are less likely than men to achieve optimal glycemic control after 1 year of treatment: A multi-level analysis of a Korean primary care cohort. PLoS ONE, 2018, 13, e0196719.	1.1	24
315	An Overview of Diabetic Retinopathy. , 2018, , 139-154.		0
316	Association of Cataract Surgery With Traffic Crashes. JAMA Ophthalmology, 2018, 136, 998.	1.4	25
317	Uncorrected and corrected refractive error experiences of Nepalese adults: a qualitative study. Ophthalmic Epidemiology, 2018, 25, 147-161.	0.8	26
318	A CCR2/5 Inhibitor, PF-04634817, Is Inferior to Monthly Ranibizumab in the Treatment of Diabetic Macular Edema. , 2018, 59, 2659.		18
319	Directed Differentiation of Human Corneal Endothelial Cells From Human Embryonic Stem Cells by Using Cell-Conditioned Culture Media. , 2018, 59, 3028.		20
320	COGEVIS: A New Scale to Evaluate Cognition in Patients with Visual Deficiency. Behavioural Neurology, 2018, 2018, 1-7.	1.1	2
321	The development of human visual cortex and clinical implications. Eye and Brain, 2018, Volume 10, 25-36.	3.8	88
322	Effect of Long-Term Xanthophyll and Anthocyanin Supplementation on Lutein and Zeaxanthin Serum Concentrations and Macular Pigment Optical Density in Postmenopausal Women. Nutrients, 2018, 10, 959.	1.7	12
323	A Cell Culture Approach to Optimized Human Corneal Endothelial Cell Function. , 2018, 59, 1617.		35
324	Effect of Community Screening on the Demographic Makeup and Clinical Severity of Glaucoma Patients Receiving Care in Urban China. American Journal of Ophthalmology, 2018, 195, 1-7.	1.7	29
325	A pharmacoepidemiologic study of ranibizumab and aflibercept use 2013–2016. The Fight Retinal Blindness! Project. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1839-1846.	1.0	13
326	Task sharing: Development of evidenceâ€based coâ€management strategy model for screening, detection, and management of diabetic retinopathy. International Journal of Health Planning and Management, 2018, 33, e1088-e1099.	0.7	4
327	Impact of virtual reality simulation on learning barriers of phacoemulsification perceived by residents. Clinical Ophthalmology, 2018, Volume 12, 885-893.	0.9	17
328	Family-Based Genome-Wide Association Study of South Indian Pedigrees Supports <i>WNT7B</i> as a Central Corneal Thickness Locus. , 2018, 59, 2495.		11

#	Article	IF	CITATIONS
329	Incidence of diabetes retinopathy and determinants of time to diabetes retinopathy among diabetes patients at Tikur Anbessa Hospital, Ethiopia: a retrospective follow up study. BMC Research Notes, 2018, 11, 542.	0.6	15
330	Active Trachoma Cases in the Solomon Islands Have Varied Polymicrobial Community Structures but Do Not Associate with Individual Non-Chlamydial Pathogens of the Eye. Frontiers in Medicine, 2017, 4, 251.	1.2	20
331	Development of a store-and-forward telescreening system of diabetic retinopathy: lessons learned from Iran. Journal of Diabetes and Metabolic Disorders, 2018, 17, 31-36.	0.8	7
332	Incidence and Characteristics of Cataract Surgery in Poland, during 2010–2015. International Journal of Environmental Research and Public Health, 2018, 15, 435.	1.2	14
333	The Role of Microglia in Diabetic Retinopathy: Inflammation, Microvasculature Defects and Neurodegeneration. International Journal of Molecular Sciences, 2018, 19, 110.	1.8	249
334	Indian Diabetic Retinopathy Image Dataset (IDRiD): A Database for Diabetic Retinopathy Screening Research. Data, 2018, 3, 25.	1.2	430
335	Clobal perspectives on the provision of diabetic retinopathy screening and treatment: Survey of health care professionals in 41 countries. Diabetes Research and Clinical Practice, 2018, 143, 170-178.	1.1	21
336	Antagonising Wnt/β-catenin signalling ameliorates lens-capsulotomy-induced retinal degeneration in a mouse model of diabetes. Diabetologia, 2018, 61, 2433-2446.	2.9	11
337	Conjunctival transcriptome profiling of Solomon Islanders with active trachoma in the absence of Chlamydia trachomatis infection. Parasites and Vectors, 2018, 11, 104.	1.0	5
338	Antidepressants use and risk of cataract development: a systematic review and meta-analysis. BMC Ophthalmology, 2018, 18, 31.	0.6	13
339	Evaluation of a Chlamydia trachomatis-specific, commercial, real-time PCR for use with ocular swabs. Parasites and Vectors, 2018, 11, 102.	1.0	10
340	Novel Gonioscopy Score and Predictive Factors for Intraocular Pressure Lowering After Phacoemulsification. Journal of Glaucoma, 2018, 27, 622-626.	0.8	12
341	Development of diabetic retinopathy after cataract surgery. PLoS ONE, 2018, 13, e0202347.	1.1	27
342	Ultraviolet radiation and incidence of cataracts in a nationwide US cohort. Ophthalmic Epidemiology, 2018, 25, 403-411.	0.8	14
343	ADL SoS-based Platform: Using Technology to Enhance the Quality of Life of the Aging Population. , 2018, , .		1
344	The geospatial relationship of pterygium and senile cataract with ambient solar ultraviolet in tropical Ecuador. Photochemical and Photobiological Sciences, 2018, 17, 1075-1083.	1.6	11
345	Prevalence of reduced visual acuity among preschool children in eastern China and comparison at a 5â€year interval. Clinical and Experimental Ophthalmology, 2018, 46, 994-1001.	1.3	14
346	Müller glia-derived PRSS56 is required to sustain ocular axial growth and prevent refractive error. PLoS Genetics, 2018, 14, e1007244.	1.5	35

#	Article	IF	CITATIONS
347	Iridotomy to slow progression of visual field loss in angle-closure glaucoma. The Cochrane Library, 2018, 2018, CD012270.	1.5	11
348	Visual wayfinding for partially sighted pedestrians – The use of luminance contrast in outdoor pavings. Lighting Research and Technology, 2019, 51, 937-955.	1.2	3
349	Capacitive-like photovoltaic epiretinal stimulation enhances and narrows the network-mediated activity of retinal ganglion cells by recruiting the lateral inhibitory network. Journal of Neural Engineering, 2019, 16, 066009.	1.8	23
350	Deep Learning for Weak Supervision of Diabetic Retinopathy Abnormalities. , 2019, , .		13
351	Dietary Patterns and Age-Related Macular Degeneration. , 2019, , 107-126.		0
352	Sub-threshold micropulse laser treatment reduces inflammatory biomarkers in aqueous humour of diabetic patients with macular edema. Scientific Reports, 2019, 9, 10034.	1.6	33
353	A non-enzymatic electrochemical sensor based on ZrO2: Cu(I) nanosphere modified carbon paste electrode for electro-catalytic oxidative detection of glucose in raw Citrus aurantium var. sinensis. Food Chemistry, 2019, 300, 125178.	4.2	46
354	<p>360° ab-interno Schlemm's canal viscodilation in primary open-angle glaucoma</p> . Clinical Ophthalmology, 2019, Volume 13, 1235-1246.	0.9	28
355	The impact of GJA3 SNPs on susceptibility to age-related cataract. International Journal of Ophthalmology, 2019, 12, 1008-1011.	0.5	2
356	Identification and characterization of an octameric PEG-protein conjugate system for intravitreal long-acting delivery to the back of the eye. PLoS ONE, 2019, 14, e0218613.	1.1	20
357	Discovery of BR102375, a new class of non-TZD PPARÎ ³ full agonist for the treatment of type 2 diabetes. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2275-2282.	1.0	3
358	A genome-wide association study implicates that the <i>TTC39C</i> gene is associated with diabetic maculopathy with decreased visual acuity. Ophthalmic Genetics, 2019, 40, 252-258.	0.5	7
359	New Lipid Mediators in Retinal Angiogenesis and Retinopathy. Frontiers in Pharmacology, 2019, 10, 739.	1.6	10
360	Ophthalmic Disease in Diabetes. , 2019, , 765-775.		0
361	Cataract Services are Leaving Widows Behind: Examples from National Cross-Sectional Surveys in Nigeria and Sri Lanka. International Journal of Environmental Research and Public Health, 2019, 16, 3854.	1.2	19
362	Prevalence, Causes, and Factors Associated with Visual Impairment and Blindness among Registered Pensioners in Ghana. Journal of Ophthalmology, 2019, 2019, 1-10.	0.6	17
363	Cataracts and statins. A disproportionality analysis using data from VigiBase. Regulatory Toxicology and Pharmacology, 2019, 109, 104509.	1.3	4
364	Unimproved water sources and open defecation are associated with active trachoma in children in internally displaced persons camps in the Darfur States of Sudan. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2019, 113, 599-609.	0.7	8

		15	0
#		IF	CITATIONS
365	PFN1 and integrinâ€Î²1/mTOR axis involvement in cornea differentiation of fibroblast limbal stem cells. Journal of Cellular and Molecular Medicine, 2019, 23, 7210-7221.	1.6	6
366	Intraocular pressure fluctuations in patients implanted with an implantable collamer lens (ICL V4c). Three-month follow-up. Archivos De La Sociedad Espanola De Oftalmologia, 2019, 94, 367-376.	0.1	6
367	Molecular Mechanism of Aggregation of the Cataract-Related γD-Crystallin W42R Variant from Multiscale Atomistic Simulations. Biochemistry, 2019, 58, 3691-3699.	1.2	16
368	eHealth tools for the self-testing of visual acuity: a scoping review. Npj Digital Medicine, 2019, 2, 82.	5.7	33
369	Frequency and distribution of corneal astigmatism and keratometry features in adult life: Methodology and findings of the UK Biobank study. PLoS ONE, 2019, 14, e0218144.	1.1	9
370	Effect of Visibility of the Ciliary Body Processes on Ocular Biometric Parameters in Patients with Primary Angle Closure. Japanese Journal of Ophthalmology, 2019, 63, 467-473.	0.9	3
371	Evidence-based preschool-age vision screening: health policy considerations. Israel Journal of Health Policy Research, 2019, 8, 70.	1.4	7
372	Expanding the Phenotypic and Genotypic Landscape of Nonsyndromic High Myopia: A Cross-Sectional Study in 731 Chinese Patients. , 2019, 60, 4052.		24
373	Potential for dementia prevention in Latin America and Africa based on population-attributable fraction estimates. The Lancet Global Health, 2019, 7, e1323.	2.9	1
374	N-Palmitoylethanolamide-Oxazoline Protects against Middle Cerebral Artery Occlusion Injury in Diabetic Rats by Regulating the SIRT1 Pathway. International Journal of Molecular Sciences, 2019, 20, 4845.	1.8	56
375	Optimising age adjustment of trichiasis prevalence estimates using data from 162 standardised surveys from seven regions of Ethiopia. Ophthalmic Epidemiology, 2019, 26, 161-168.	0.8	5
376	Earliest Evidence of Preclinical Diabetic Retinopathy Revealed Using Optical Coherence Tomography Angiography Perfused Capillary Density. American Journal of Ophthalmology, 2019, 203, 103-115.	1.7	112
377	Molecular Classification and Comparative Taxonomics of Foveal and Peripheral Cells in Primate Retina. Cell, 2019, 176, 1222-1237.e22.	13.5	347
378	An educational intervention on foot selfâ€care behaviour among diabetic retinopathy patients with visual disability and their primary caregivers. Journal of Clinical Nursing, 2019, 28, 2506-2516.	1.4	12
379	Tanshinone IIA protects lens epithelial cells from H ₂ O ₂ â€induced injury by upregulation of IncRNA ANRIL. Journal of Cellular Physiology, 2019, 234, 15420-15428.	2.0	16
380	Disparities in the Global Burden of Age-Related Macular Degeneration: An Analysis of Trends from 1990 to 2015. Current Eye Research, 2019, 44, 657-663.	0.7	13
381	Awareness of ocular diagnosis, transportation means, and barriers to ophthalmology follow-up in the Philadelphia Telemedicine Glaucoma Detection and Follow-up Study. Social Work in Health Care, 2019, 58, 651-664.	0.8	17
382	Neuroprotective effect of levetiracetam in mouse diabetic retinopathy: Effect on glucose transporter-1 and GAP43 expression. Life Sciences, 2019, 232, 116588.	2.0	29

#	Article	IF	CITATIONS
383	The Role of Lipids and Lipid Metabolism in Age-Related Macular Degeneration. , 2019, , 47-71.		0
384	Statins and Age-Related Macular Degeneration: Implications for Dietary Intake. , 2019, , 569-583.		0
385	The role of inflammation in diabetic eye disease. Seminars in Immunopathology, 2019, 41, 427-445.	2.8	89
386	Nutritional Strategies to Prevent Lens Cataract: Current Status and Future Strategies. Nutrients, 2019, 11, 1186.	1.7	59
387	Visual Acuity Outcomes after Cataract Surgery. Ophthalmology, 2019, 126, 1480-1489.	2.5	22
388	Forecasting future Humphrey Visual Fields using deep learning. PLoS ONE, 2019, 14, e0214875.	1.1	102
389	Tensor decomposition of hyperspectral images to study autofluorescence in age-related macular degeneration. Medical Image Analysis, 2019, 56, 96-109.	7.0	9
390	"For Mass Eye and Ear Special Issue―Adaptive Optics in the Evaluation of Diabetic Retinopathy. Seminars in Ophthalmology, 2019, 34, 189-197.	0.8	1
391	Orthogonal Drug Pooling Enhances Phenotype-Based Discovery of Ocular Antiangiogenic Drugs in Zebrafish Larvae. Frontiers in Pharmacology, 2019, 10, 508.	1.6	9
392	The profile of sight-threatening diabetic retinopathy in patients attending a specialist eye clinic in Hangzhou, China. BMJ Open Ophthalmology, 2019, 4, e000236.	0.8	16
393	Disorganization of retinal inner layers correlates with ellipsoid zone disruption and retinal nerve fiber layer thinning in diabetic retinopathy. Journal of Diabetes and Its Complications, 2019, 33, 550-553.	1.2	28
394	Intravitreal AAV2.COMP-Ang1 Attenuates Deep Capillary Plexus Expansion in the Aged Diabetic Mouse Retina. , 2019, 60, 2494.		6
395	Recent Advances of Computerized Graphical Methods for the Detection and Progress Assessment of Visual Distortion Caused by Macular Disorders. Vision (Switzerland), 2019, 3, 25.	0.5	2
396	Impact of Diabetic Retinopathy on Sleep, Mood, and Quality of Life. , 2019, 60, 2304.		17
397	Caffeic acid phenethyl ester attenuates nuclear factorâ€ÎºBâ€ʿmediated inflammatory responses in M�ller cells and protects against retinal ganglion cell death. Molecular Medicine Reports, 2019, 19, 4863-4871.	1.1	17
398	Current and emerging pharmaceutical interventions for myopia. British Journal of Ophthalmology, 2019, 103, 1539-1548.	2.1	15
399	Patterns and Risk Factor Profiles of Visual Loss in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. American Journal of Ophthalmology, 2019, 206, 48-73.	1.7	22
400	Prevalence of active trachoma and associated risk factors among children of the pastoralist population in Madda Walabu rural district, Southeast Ethiopia: a community-based cross-sectional study. BMC Infectious Diseases, 2019, 19, 353.	1.3	13

#	Article	IF	CITATIONS
401	Analog Derivatization of Cannabidiol for Improved Ocular Permeation. Journal of Ocular Pharmacology and Therapeutics, 2019, 35, 301-310.	0.6	9
402	Using Healthcare Databases to Refine Understanding of Exploratory Associations Between Drugs and Progression of Openâ€Angle Glaucoma. Clinical Pharmacology and Therapeutics, 2019, 106, 874-883.	2.3	13
403	Combination of Enhanced Depth Imaging Optical Coherence Tomography and Fundus Images for Glaucoma Screening. Journal of Medical Systems, 2019, 43, 163.	2.2	8
404	Impact of mass drug administration of azithromycin for trachoma elimination on prevalence and azithromycin resistance of genital Mycoplasma genitalium infection. Sexually Transmitted Infections, 2019, 95, 522-528.	0.8	10
405	Impact of systemic vascular risk factors on the choriocapillaris using optical coherence tomography angiography in patients with systemic hypertension. Scientific Reports, 2019, 9, 5819.	1.6	47
406	Hyperlipidemia, Blood Lipid Level, and the Risk of Glaucoma: A Meta-Analysis. , 2019, 60, 1028.		64
407	Saffron (Crocus sativus L.) in Ocular Diseases: A Narrative Review of the Existing Evidence from Clinical Studies. Nutrients, 2019, 11, 649.	1.7	42
408	Macular OCT-angiography parameters to predict the clinical stage of nonproliferative diabetic retinopathy: an exploratory analysis. Eye, 2019, 33, 1240-1247.	1.1	30
409	IMI – Interventions for Controlling Myopia Onset and Progression Report. , 2019, 60, M106.		230
410	Refractive errors among Saudi college students and associated risk factors. Clinical Ophthalmology, 2019, Volume 13, 437-443.	0.9	14
411	High glucose levels affect retinal patterning during zebrafish embryogenesis. Scientific Reports, 2019, 9, 4121.	1.6	31
412	The reduction of horizontal inequity in unmet refractive error: TheÂShahroudÂEye Cohort Study, 2009–2014. Journal of Current Ophthalmology, 2019, 31, 188-194.	0.3	2
413	Why does the zebrafish cloche mutant develop lens cataract?. PLoS ONE, 2019, 14, e0211399.	1.1	8
414	Socio-economic status, visual impairment and the mediating role of lifestyles in developed rural areas of China. PLoS ONE, 2019, 14, e0215329.	1.1	13
415	PERIPAPILLARY NEUROVASCULAR COUPLING IN THE EARLY STAGES OF DIABETIC RETINOPATHY. Retina, 2019, 39, 2292-2302.	1.0	22
416	Comparison of Endothelial Keratoplasty Techniques in Patients With Prior Glaucoma Surgery: A Case-Matched Study. American Journal of Ophthalmology, 2019, 206, 94-101.	1.7	21
417	Determination of trypan blue efficacy in the mitigation of ex vivo canine PCO formation. Veterinary Ophthalmology, 2019, 22, 902-909.	0.6	1
418	ACE inhibitor use and risk of cataract: a case–control analysis. British Journal of Ophthalmology, 2019, 103, 1561-1565.	2.1	3

# 419	ARTICLE Predictors of Spectacle Wear and Reasons for Nonwear in Students Randomized to Ready-made or Custom-made Spectacles. JAMA Ophthalmology, 2019, 137, 408.	IF 1.4	Citations
420	Retinal Neurodegeneration as an Early Manifestation of Diabetic Eye Disease and Potential Neuroprotective Therapies. Current Diabetes Reports, 2019, 19, 17.	1.7	48
421	Anti-VEGF Therapy for Persistent Neovascularization after Complete Panretinal Photocoagulation in Proliferative Diabetic Retinopathy. Ophthalmology Retina, 2019, 3, 473-477.	1.2	9
422	Risk of cataract in smokers: A meta-analysis of observational studies. Archivos De La Sociedad Espanola De Oftalmologia, 2019, 94, 60-74.	0.1	5
423	Innovative Diagnostic Tools for Ophthalmology in Low-Income Countries. , 0, , .		5
424	Mortality and potential years of life lost attributable to non-optimal glycaemic control in men and women with diabetes in the United Arab Emirates: a population-based retrospective cohort study. BMJ Open, 2019, 9, e032654.	0.8	0
425	Retinal Image Multimodal and Multitemporal Registration for a Multispot Laser Photocoagulation Device. , 2019, , .		0
426	Interaction analysis of systolic blood pressure and glycosylated hemoglobin in diabetic retinopathy: A Chinese sample. Traditional Medicine and Modern Medicine, 2019, 02, 119-125.	0.2	1
427	Novel Surface Modified Polymer Microneedle based Biosensors for Interstitial Fluid Glucose Detection. , 2019, , .		3
428	Benefits and harms of intensive glycemic control in patients with type 2 diabetes. BMJ: British Medical Journal, 2019, 367, I5887.	2.4	84
429	Diabetes care in the dispersed population of Greenland. A new model based on continued monitoring, analysis and adjustment of initiatives taken. International Journal of Circumpolar Health, 2019, 78, 1709257.	0.5	21
430	Optic-Net: A Novel Convolutional Neural Network for Diagnosis of Retinal Diseases from Optical Tomography Images. , 2019, , .		26
431	International experiences during United States ophthalmology residency training: Current structure of international experiences and perspectives of faculty mentors at United States training institutions. PLoS ONE, 2019, 14, e0225627.	1.1	5
432	Microvascular contributions to age-related macular degeneration (AMD): from mechanisms of choriocapillaris aging to novel interventions. GeroScience, 2019, 41, 813-845.	2.1	49
433	Prevalence of Refractive Error, Presbyopia, and Spectacle Coverage in Bogotá, Colombia: A Rapid Assessment of Refractive Error. Optometry and Vision Science, 2019, 96, 579-586.	0.6	11
434	Total Protein Concentration and Tumor Necrosis Factor $\hat{I}\pm$ in Tears of Nonproliferative Diabetic Retinopathy. Optometry and Vision Science, 2019, 96, 934-939.	0.6	11
435	Are Elderly Patients Optimally Corrected with Spectacles in the Longer Term after Cataract Surgery?. Optometry and Vision Science, 2019, 96, 362-366.	0.6	1
436	Stem Cells from Human Exfoliated Deciduous Teeth Ameliorate Diabetic Nephropathy In Vivo and In Vitro by Inhibiting Advanced Glycation End Product-Activated Epithelial-Mesenchymal Transition. Stem Cells International, 2019, 2019, 1-15.	1.2	14

#	Article	IF	Citations
437	The CD40-ATP-P2X7 Receptor Pathway: Cell to Cell Cross-Talk to Promote Inflammation and Programmed Cell Death of Endothelial Cells. Frontiers in Immunology, 2019, 10, 2958.	2.2	25
438	Posterior Scleral Reinforcement to Prevent Progression of High Myopia. Asia-Pacific Journal of Ophthalmology, 2019, 8, 366-370.	1.3	28
439	Bilateral asymmetry improved accuracy when assessing glaucomatous vision-related quality of life impairment. Medicine (United States), 2019, 98, e17924.	0.4	1
440	Diabetic Retinopathy in the Asia-Pacific. Asia-Pacific Journal of Ophthalmology, 2019, 7, 3-16.	1.3	47
441	Can Artificial Intelligence Make Screening Faster, More Accurate, and More Accessible?. Asia-Pacific Journal of Ophthalmology, 2019, 7, 436-441.	1.3	15
442	Decreased expression of gap junction delta-2 (GJD2) messenger RNA and connexin 36 protein in form-deprivation myopia of guinea pigs. Chinese Medical Journal, 2019, 132, 1700-1705.	0.9	9
443	Six-Year Incidence and Risk Factors for Age-Related Macular Degeneration in a Rural Chinese Population: The Handan Eye Study. , 2019, 60, 4966.		12
444	Association Between Hearing and Vision Impairment and Risk of Dementia: Results of a Case-Control Study Based on Secondary Data. Frontiers in Aging Neuroscience, 2019, 11, 363.	1.7	32
445	Teleophthalmology For Anterior Segment Disease. International Ophthalmology Clinics, 2019, 59, 55-67.	0.3	6
446	Prevalence and causes of vision loss in Latin America and the Caribbean in 2015: magnitude, temporal trends and projections. British Journal of Ophthalmology, 2019, 103, 885-893.	2.1	16
447	Prevalence and causes of visionÂloss in South-east Asia and Oceania in 2015: magnitude, temporal trends and projections. British Journal of Ophthalmology, 2019, 103, 878-884.	2.1	23
448	Prevalence and causes of vision loss in North Africa and MiddleÂEast in 2015: magnitude, temporal trends and projections. British Journal of Ophthalmology, 2019, 103, 863-870.	2.1	23
449	Quality of life in subjects with type 2 diabetes mellitus with diabetic retinopathy: A case–control study. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 947-952.	1.8	9
450	Multicolour imaging for the detection of polypoidal choroidal vasculopathy and ageâ€related macular degeneration. Clinical and Experimental Ophthalmology, 2019, 47, 621-630.	1.3	8
451	Incidence and Risk Factors for Blindness in Adults With Diabetes: The Israeli National Diabetes Registry (INDR). American Journal of Ophthalmology, 2019, 200, 57-64.	1.7	5
452	Identification of BR101549 as a lead candidate of non-TZD PPARÎ ³ agonist for the treatment of type 2 diabetes: Proof-of-concept evaluation and SAR. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 631-637.	1.0	2
453	Mussel-inspired injectable hydrogel and its counterpart for actuating proliferation and neuronal differentiation of retinal progenitor cells. Biomaterials, 2019, 194, 57-72.	5.7	68
454	Potential Lost Productivity Resulting from the Global Burden of Myopia. Ophthalmology, 2019, 126, 338-346.	2.5	231

#	Article	IF	CITATIONS
455	Riesgo de catarata en fumadores: metaanálisis de estudios observacionales. Archivos De La Sociedad Espanola De Oftalmologia, 2019, 94, 60-74.	0.1	4
456	Prevalence and causes of blindness and vision impairment: magnitude, temporal trends and projections in South and Central Asia. British Journal of Ophthalmology, 2019, 103, 871-877.	2.1	44
457	Absorption of blue light by cigarette smoke components is highly toxic for retinal pigmented epithelial cells. Archives of Toxicology, 2019, 93, 453-465.	1.9	13
458	The potent small molecule integrin antagonist THR-687 is a promising next-generation therapy for retinal vascular disorders. Experimental Eye Research, 2019, 180, 43-52.	1.2	27
459	Nanofluidic microsystem for sustained intraocular delivery of therapeutics. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 16, 1-9.	1.7	29
460	Genetic Research on Ocular Health and Disease in a Population from Nepal. Essentials in Ophthalmology, 2019, , 75-84.	0.0	3
461	Optical Coherence Tomography Angiography of Optic Disc and Macula Vessel Density in Glaucoma and Healthy Eyes. Journal of Glaucoma, 2019, 28, 80-87.	0.8	55
462	Proactive diabetes management. , 2019, , .		4
463	Vision loss and 12-year risk of dementia in older adults: the 3C cohort study. European Journal of Epidemiology, 2019, 34, 141-152.	2.5	53
464	The Burden of Macular Diseases in Central and Eastern Europe—Implications for Healthcare Systems. Value in Health Regional Issues, 2019, 19, 1-6.	0.5	22
465	Co-evolutionary and systemic study on the evolution of emerging stem cell-based therapies. Technological Forecasting and Social Change, 2019, 138, 324-339.	6.2	6
466	Current Advances in the Design of Retinal and Cortical Visual Prostheses. , 2019, , 355-403.		0
467	Retinopathy and RAAS Activation: Results From the Canadian Study of Longevity in Type 1 Diabetes. Diabetes Care, 2019, 42, 273-280.	4.3	16
468	Management of diabetic macular edema patients in clinical practice in Spain. European Journal of Ophthalmology, 2019, 29, 664-672.	0.7	3
469	Magnetic Resonance Spectroscopy Features of the Visual Pathways in Patients with Glaucoma. Clinical Neuroradiology, 2019, 29, 615-621.	1.0	8
470	Prevalence and Associated Factors of Uncorrected Refractive Error in Older Adults in a Population-Based Study in France. JAMA Ophthalmology, 2019, 137, 3.	1.4	16
471	Gender Inequality in Global Burden of Uncorrected Refractive Error. American Journal of Ophthalmology, 2019, 198, 1-7.	1.7	10
472	A quantitative map of glutathione in the aging human lens. International Journal of Mass Spectrometry, 2019, 437, 58-68.	0.7	18

#	ARTICLE	IF	CITATIONS
474	COMPARISON OF 3 MM × 3 MM VERSUS 6 MM × 6 MM OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY SCAN SIZES IN THE EVALUATION OF NON–PROLIFERATIVE DIABETIC RETINOPATHY. Retina, 2019, 39, 259-264.	1.0	26
475	A study of eye care service utilization among diabetic patients visiting a tertiary care hospital in Coastal Karnataka, southern India. International Journal of Diabetes in Developing Countries, 2019, 39, 24-28.	0.3	2
477	CHANGES OF AQUEOUS HUMOR MÜLLER CELLS' BIOMARKERS IN HUMAN PATIENTS AFFECTED BY DIABETIC MACULAR EDEMA AFTER SUBTHRESHOLD MICROPULSE LASER TREATMENT. Retina, 2020, 40, 126-134.	1.0	42
478	Prevalence of diabetes and diabetic macular edema in patients undergoing senile cataract surgery in Italy: The Dlabetes and CATaract study. European Journal of Ophthalmology, 2020, 30, 315-320.	0.7	16
479	IDRiD: Diabetic Retinopathy – Segmentation and Grading Challenge. Medical Image Analysis, 2020, 59, 101561.	7.0	162
480	A Randomized Noninferiority Trial of Wearing Adjustable Glasses versus Standard and Ready-made Spectacles among Chinese Schoolchildren. Ophthalmology, 2020, 127, 27-37.	2.5	6
481	Effectiveness of a primary care nurse delivered educational intervention for patients with type 2 diabetes mellitus in promoting metabolic control and compliance with long-term therapeutic targets: Randomised controlled trial. International Journal of Nursing Studies, 2020, 101, 103417.	2.5	27
482	Prevalence and causes of vision loss in East Asia in 2015: magnitude, temporal trends and projections. British Journal of Ophthalmology, 2020, 104, 616-622.	2.1	36
483	Spatially selective activation of the visual cortex via intraneural stimulation of the optic nerve. Nature Biomedical Engineering, 2020, 4, 181-194.	11.6	53
484	Conjunctiva. , 2020, , 234-271.e5.		1
485	Ophthalmologic Diseases. , 2020, , 78-85.		0
486	A Large-Scale Database and a CNN Model for Attention-Based Glaucoma Detection. IEEE Transactions on Medical Imaging, 2020, 39, 413-424.	5.4	153
487	Association of the Affordable Care Act Medicaid Expansion with Dilated Eye Examinations among the United States Population with Diabetes. Ophthalmology, 2020, 127, 920-928.	2.5	18
488	Long noncoding RNA MALAT1 participates in the pathological angiogenesis of diabetic retinopathy in an oxygen-induced retinopathy mouse model by sponging miR-203a-3p. Canadian Journal of Physiology and Pharmacology, 2020, 98, 219-227.	0.7	30
489	Auricular acupressure for myopia in children and adolescents: A systematic review. Complementary Therapies in Clinical Practice, 2020, 38, 101067.	0.7	14
490	Improved visual acuity using a retinal implant and an optimized stimulation strategy. Journal of Neural Engineering, 2020, 17, 016018.	1.8	23
491	Beyond intraocular pressure: Optimizing patient-reported outcomes in glaucoma. Progress in Retinal and Eye Research, 2020, 76, 100801.	7.3	28
492	Inequity in Access: Cataract Surgery Throughput of Chinese Ophthalmologists from the China National Eye Care Capacity and Resource Survey. Ophthalmic Epidemiology, 2020, 27, 29-38.	0.8	10

#	Article	lF	CITATIONS
493	The trend of myopia rate in 61Â350 children and adolescents: a crossâ€sectional research in Ningbo, Zhejiang. Acta Ophthalmologica, 2020, 98, e525-e526.	0.6	7
494	Diabetes and diabetic retinopathy in patients undergoing cataract surgery: a prevalence study—DiCat study report #2. Acta Diabetologica, 2020, 57, 645-650.	1.2	4
495	Relationship between refractive correction, visual symptoms, and optical device selection for low-vision patients in Taiwan. Journal of Optometry, 2020, 13, 249-256.	0.7	3
496	Impact of referral refinement on management of glaucoma suspects in Australia. Australasian journal of optometry, The, 2020, 103, 675-683.	0.6	14
497	Socioeconomic disparities in the global burden of glaucoma: an analysis of trends from 1990 to 2016. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 587-594.	1.0	10
498	Reduced NGF Level Promotes Epithelial–Mesenchymal Transition in Human Lens Epithelial Cells Exposed to High Dexamethasone Concentrations. Current Eye Research, 2020, 45, 686-695.	0.7	1
499	Comparison of four different orthokeratology lenses in controlling myopia progression. Contact Lens and Anterior Eye, 2020, 43, 78-83.	0.8	9
500	An Analysis of YouTube Videos as Educational Resources for Patients About Refractive Surgery. Cornea, 2020, 39, 491-494.	0.9	39
501	Role of cytochrome P450-derived, polyunsaturated fatty acid mediators in diabetes and the metabolic syndrome. Prostaglandins and Other Lipid Mediators, 2020, 148, 106407.	1.0	27
502	Biological Mechanisms of Atropine Control of Myopia. Eye and Contact Lens, 2020, 46, 129-135.	0.8	71
503	TGF-β1 signaling protects retinal ganglion cells from oxidative stress via modulation of the HO-1/Nrf2 pathway. Chemico-Biological Interactions, 2020, 331, 109249.	1.7	19
504	Dysregulation of the NLRP3 Inflammasome in Diabetic Retinopathy and Potential Therapeutic Targets. Ocular Immunology and Inflammation, 2022, 30, 470-478.	1.0	29
505	A Multi-Omics Approach Identifies Key Regulatory Pathways Induced by Long-Term Zinc Supplementation in Human Primary Retinal Pigment Epithelium. Nutrients, 2020, 12, 3051.	1.7	15
506	A descriptive framework for the field of deep learning applications in medical images. Knowledge-Based Systems, 2020, 210, 106445.	4.0	23
507	Retinal biomarkers for Alzheimer's disease and vascular cognitive impairment and dementia (VCID): implication for early diagnosis and prognosis. GeroScience, 2020, 42, 1499-1525.	2.1	64
508	The Impact of the Support, Educate, Empower Personalized Glaucoma Coaching Pilot Study on Glaucoma Medication Adherence. Ophthalmology Glaucoma, 2020, 3, 228-237.	0.9	26
509	Clinical study protocol for a low-interventional study in intermediate age-related macular degeneration developing novel clinical endpoints for interventional clinical trials with a regulatory and patient access intention—MACUSTAR. Trials, 2020, 21, 659.	0.7	21
510	Effects of Neonatal Hyperglycemia on Retinopathy of Prematurity and Visual Outcomes at 7ÂYears of Age: A Matched Cohort Study. Journal of Pediatrics, 2020, 223, 42-50.e2.	0.9	3

#	Article	IF	CITATIONS
512	An exhaustive perspective on structural insights of SGLT2 inhibitors: A novel class of antidiabetic agent. European Journal of Medicinal Chemistry, 2020, 204, 112523.	2.6	25
513	<p>Ocular Surface Changes After Switching from Other Prostaglandins to Tafluprost and Preservative-Free Tafluprost in Glaucoma Patients</p> . Clinical Ophthalmology, 2020, Volume 14, 3109-3119.	0.9	14
514	Associations between Poor Vision, Vision-Related Behaviors and Mathematics Achievement in Chinese Students from the CNAEQ-PEH 2015. International Journal of Environmental Research and Public Health, 2020, 17, 8561.	1.2	17
515	Transient effect of suction on the retinal neurovasculature in myopic patients after small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2020, 46, 250-259.	0.7	3
516	The Utility of Routine Fundus Photography Screening for Posterior Segment Disease. Ophthalmology, 2021, 128, 1060-1069.	2.5	4
517	Current Perspective on Age-Related Macular Degeneration. JAMA - Journal of the American Medical Association, 2020, 324, 794.	3.8	37
518	Big Data in Ophthalmology. Asia-Pacific Journal of Ophthalmology, 2020, 9, 291-298.	1.3	33
519	Levels of self-reported and objective physical activity in individuals with age-related macular degeneration. BMC Public Health, 2020, 20, 1144.	1.2	6
520	Diabetic retinopathy detection through deep learning techniques: A review. Informatics in Medicine Unlocked, 2020, 20, 100377.	1.9	196
521	Characterization of the Three Distinct Retinal Capillary Plexuses Using Optical Coherence Tomography Angiography in Myopic Eyes. Translational Vision Science and Technology, 2020, 9, 8.	1.1	10
522	Associations of Ganglion Cell-Inner Plexiform Layer and Optic Nerve Head Parameters with Visual Field Sensitivity in Advanced Glaucoma. Ophthalmic Research, 2021, 64, 310-320.	1.0	7
523	Validation and Use of Quality of life Impact of Refractive Correction Questionnaire in Spectacle Wearers in Malawi: A clinic-based study. Malawi Medical Journal, 2020, 32, 54-63.	0.2	3
524	New developments in angiography for the diagnosis and management of diabetic retinopathy. Diabetes Research and Clinical Practice, 2020, 167, 108361.	1.1	11
525	CNTF Prevents Development of Outer Retinal Neovascularization Through Upregulation of CxCl10. , 2020, 61, 20.		12
526	Clinical study on acupuncture acupoints around the eyes in treating myopia in children and adolescents. Medicine (United States), 2020, 99, e22659.	0.4	3
527	Comparison of Key Performance Metrics of Ensemble Learning Algorithms for Diagnosis of Diabetic Retinopathy. , 2020, , .		0
528	Assessment of optometrists' knowledge, skills and practice on cataract: a cross-sectional study from Kisumu County, Western Kenya. BMC Ophthalmology, 2020, 20, 401.	0.6	1
529	<p>Trends in Real-World Neovascular AMD Treatment Outcomes in the UK</p> . Clinical Ophthalmology, 2020, Volume 14, 3331-3342.	0.9	29

#	Article	IF	CITATIONS
530	Global burden and gender disparity of vision loss associated with diabetes retinopathy. Acta Ophthalmologica, 2021, 99, 431-440.	0.6	20
531	Barriers and facilitators to successful management of type 2 diabetes mellitus in Latin America and the Caribbean: A systematic review. PLoS ONE, 2020, 15, e0237542.	1.1	21
532	A New Strategy for the Detection of Diabetic Retinopathy using a Smartphone App and Machine Learning Methods Embedded on Cloud Computer. , 2020, , .		9
533	Emerging corticosteroid delivery platforms for treatment of diabetic macular edema. Expert Opinion on Emerging Drugs, 2020, 25, 383-394.	1.0	2
534	Ab interno trabeculotomy combined with cataract extraction in eyes with primary open-angle glaucoma. Journal of International Medical Research, 2020, 48, 030006052095744.	0.4	2
535	Attaining functional levels of visual acuity after vitrectomy for retinal detachment secondary to proliferative diabetic retinopathy. Scientific Reports, 2020, 10, 15637.	1.6	9
536	Relationship Between Diabetic Retinopathy Stages and Risk of Major Lower-Extremity Arterial Disease in Patients With Type 2 Diabetes. Diabetes Care, 2020, 43, 2751-2759.	4.3	10
537	Improved Glaucoma Diagnosis Using Deep Learning. , 2020, , .		6
538	Salivary Fructosamine as a Noninvasive Glycemic Biomarker: A Systematic Review. JDR Clinical and Translational Research, 2021, 6, 382-389.	1.1	9
539	Conjunctival Scarring, Corneal Pannus, and Herbert's Pits in Adolescent Children in Trachoma-endemic Populations of the Solomon Islands and Vanuatu. Clinical Infectious Diseases, 2020, 73, e2773-e2780.	2.9	10
540	An Intelligent Optical Coherence Tomography-based System for Pathological Retinal Cases Identification and Urgent Referrals. Translational Vision Science and Technology, 2020, 9, 46.	1.1	9
541	Oxidative Stress and Vascular Dysfunction in the Retina: Therapeutic Strategies. Antioxidants, 2020, 9, 761.	2.2	53
542	Use of Composite End Points in Early and Intermediate Age-Related Macular Degeneration Clinical Trials: State-of-the-Art and Future Directions. Ophthalmologica, 2021, 244, 387-395.	1.0	5
543	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. Communications Biology, 2020, 3, 755.	2.0	10
544	<p>Visual Impairment and Mental Health: Unmet Needs and Treatment Options</p> . Clinical Ophthalmology, 2020, Volume 14, 4229-4251.	0.9	87
545	Optical Coherence Tomography Angiography in Intermediate and Late Age-Related Macular Degeneration: Review of Current Technical Aspects and Applications. Applied Sciences (Switzerland), 2020, 10, 8865.	1.3	17
546	A retrospective study of causes of visual impairment and use of low vision devices in the low vision clinic in Trinidad and Tobago. Journal of Optometry, 2020, 14, 335-341.	0.7	7
547	Predicting Adherence With the Glaucoma Treatment Compliance Assessment Tool. Journal of Glaucoma, 2020, 29, 1017-1024.	0.8	16

#	Article	IF	CITATIONS
548	Automatic Identification of Referral-Warranted Diabetic Retinopathy Using Deep Learning on Mobile Phone Images. Translational Vision Science and Technology, 2020, 9, 60.	1.1	18
549	<p>Five-Year Patterns of Diabetic Retinopathy Progression in US Clinical Practice</p> . Clinical Ophthalmology, 2020, Volume 14, 3651-3659.	0.9	14
550	Identification of Differential Gene Expression Pattern in Lens Epithelial Cells Derived from Cataractous and Noncataractous Lenses of Shumiya Cataract Rat. BioMed Research International, 2020, 2020, 1-9.	0.9	6
551	Visual contrast sensitivity could be an early marker of diabetic retinopathy. Heliyon, 2020, 6, e05336.	1.4	10
552	High Risk of Early Cataracts in Young Type 1 Diabetes Group: A Nationwide Cohort Study. International Journal of Endocrinology, 2020, 2020, 1-8.	0.6	9
553	Femtosecond laser induced nano-textured micropatterning to regulate cell functions on implanted biomaterials. Acta Biomaterialia, 2020, 116, 138-148.	4.1	16
554	Children's Health in the Digital Age. International Journal of Environmental Research and Public Health, 2020, 17, 3240.	1.2	25
555	Long Noncoding RNA MEG3 Inhibits Apoptosis of Retinal Pigment Epithelium Cells Induced by High Glucose via the miR-93/Nrf2 Axis. American Journal of Pathology, 2020, 190, 1813-1822.	1.9	31
556	Scleral Inflammation around Collector Channels in Eyes with Primary Open-Angle Glaucoma. Ocular Immunology and Inflammation, 2021, 29, 1338-1344.	1.0	4
557	Dense Correlation Network for Automated Multi-Label Ocular Disease Detection with Paired Color Fundus Photographs. , 2020, , .		15
558	Prevalence, causes and risk factors of reduced VA and persistent reduced VA among preschool children in Eastern China. Ophthalmic and Physiological Optics, 2020, 40, 452-462.	1.0	3
559	The potential application of artificial intelligence for diagnosis and management of glaucoma in adults. British Medical Bulletin, 2020, 134, 21-33.	2.7	6
560	The pattern and gender disparity in global burden of age-related macular degeneration. European Journal of Ophthalmology, 2021, 31, 1161-1170.	0.7	13
561	Lutein plus Water Chestnut (Trapa bispinosa Roxb.) Extract Inhibits the Development of Cataracts and Induces Antioxidant Gene Expression in Lens Epithelial Cells. BioMed Research International, 2020, 2020, 1-9.	0.9	3
562	miR-762 regulates the proliferation and differentiation of retinal progenitor cells by targeting NPDC1. Cell Cycle, 2020, 19, 1754-1767.	1.3	8
563	Analysis of factors associated with vision after cataract surgery in chronic renal failure patients on dialysis. BMC Ophthalmology, 2020, 20, 211.	0.6	1
564	Cataract Surgery and the 6-year Incidence of Age-Related Macular Degeneration in a Multiethnic Asian Cohort. Asia-Pacific Journal of Ophthalmology, 2020, 9, 130-136.	1.3	5
565	Association Between the Level of Reported Good Medication Adherence and the Geographic Location of a Patient's Residence and Presence of a Glucometer Among Adult Patients with Diabetes in Ethiopia: A Systematic and Meta-Analysis. Current Therapeutic Research, 2020, 92, 100585.	0.5	3

#	Article	IF	CITATIONS
566	Survey on prevalence of cataract in selected communities in Limpopo Province of South Africa. Scientific African, 2020, 8, e00352.	0.7	6
567	Joint Diabetic Macular Edema Segmentation and Characterization in OCT Images. Journal of Digital Imaging, 2020, 33, 1335-1351.	1.6	22
568	Cataract surgery and dry eye disease: A review. European Journal of Ophthalmology, 2020, 30, 840-855.	0.7	52
569	Lipoprotein(a) plasma levels are not associated with incident microvascular complications in type 2 diabetes mellitus. Diabetologia, 2020, 63, 1248-1257.	2.9	19
570	Effect of VCP modulators on gene expression profiles of retinal ganglion cells in an acute injury mouse model. Scientific Reports, 2020, 10, 4251.	1.6	4
571	Scanning and transmission electron microscopy study of anterior lens epithelium in presenile cataract. International Ophthalmology, 2020, 40, 1411-1418.	0.6	5
572	Integrated bioinformatics analysis of aberrantly-methylated differentially-expressed genes and pathways in age-related macular degeneration. BMC Ophthalmology, 2020, 20, 119.	0.6	5
573	Socioeconomic inequality in the global burden of refraction disorders: results from the Global Burden of Diseases Study 2017. Acta Ophthalmologica, 2020, 98, e864-e869.	0.6	1
574	Disability-related-distress in primary school learners with vision impairment due to uncorrected refractive error in KwaZulu-Natal Province, South Africa – a qualitative study. PLoS ONE, 2020, 15, e0229108.	1.1	13
575	Engineering a Porous Hydrogel-Based Device for Cell Transplantation. ACS Applied Bio Materials, 2020, 3, 1986-1994.	2.3	9
576	Phacoemulsification Induced Changes of Choroidal Thickness in Eyes with Age-Related Macular Degeneration. Medicina (Lithuania), 2020, 56, 252.	0.8	1
577	Designing 3-D Prints for Blind and Partially Sighted Audiences in Museums: Exploring the Needs of Those Living with Sight Loss. Visitor Studies, 2020, 23, 120-140.	0.6	12
578	Vision Loss Among Delaware Nursing Home Residents. Gerontology and Geriatric Medicine, 2020, 6, 233372142093424.	0.8	4
579	Automatic identification of myopia based on ocular appearance images using deep learning. Annals of Translational Medicine, 2020, 8, 705-705.	0.7	23
580	Hyperglycaemia and the risk of post-surgical adhesion. Archives of Physiology and Biochemistry, 2022, 128, 1467-1473.	1.0	5
581	Towards stem cell-based neuronal regeneration for glaucoma. Progress in Brain Research, 2020, 257, 99-118.	0.9	13
582	Comparison of the short-term effectiveness and safety profile of ab interno combined trabeculotomy using 2 types of trabecular hooks. Japanese Journal of Ophthalmology, 2020, 64, 407-413.	0.9	19
583	The myopia movement. Australasian journal of optometry, The, 2020, 103, 129-130.	0.6	0

#	Article	IF	CITATIONS
584	<p>Artificial Intelligence to Identify Retinal Fundus Images, Quality Validation, Laterality Evaluation, Macular Degeneration, and Suspected Glaucoma</p> . Clinical Ophthalmology, 2020, Volume 14, 419-429.	0.9	51
585	Visual Outcomes in the Management of Diabetic Maculopathy in Central Australia. Ophthalmic Epidemiology, 2020, 27, 265-271.	0.8	2
586	Temporal Wedge Defects in Glaucoma: Structure/Function Correlation With Threshold Automated Perimetry of the Full Visual Field. Journal of Glaucoma, 2020, 29, 191-197.	0.8	10
587	A Population-based Study on the Prevalence and Associated Factors of Age-related Macular Degeneration in Northern Iran <i>the Gilan Eye Study</i> . Ophthalmic Epidemiology, 2020, 27, 209-218.	0.8	5
588	Higher-Order Aberrations and Axial Elongation in Myopic Children Treated With Orthokeratology. , 2020, 61, 22.		51
589	The prevalence of refractive errors in the Middle East: a systematic review and meta-analysis. International Ophthalmology, 2020, 40, 1571-1586.	0.6	20
590	The genetic and clinical landscape of nanophthalmos and posterior microphthalmos in an Australian cohort. Clinical Genetics, 2020, 97, 764-769.	1.0	17
591	CPSF1 mediates retinal vascular dysfunction in diabetes mellitus via the MAPK/ERK pathway. Archives of Physiology and Biochemistry, 2020, , 1-8.	1.0	7
592	Prevalence of Trachoma in Pakistan: Results of 42 Population-Based Prevalence Surveys from the Global Trachoma Mapping Project. Ophthalmic Epidemiology, 2020, 27, 155-164.	0.8	6
593	Femtosecond laser-assisted versus phacoemulsification cataract surgery (FEMCAT): a multicentre participant-masked randomised superiority and cost-effectiveness trial. Lancet, The, 2020, 395, 212-224.	6.3	75
594	An Instinctive Application of Spatially Weighted Possibilistic Clustering Methods for the Detection of Lesions in Diabetic Retinopathy Images in Multi-dimensional Kernel Space. Wireless Personal Communications, 2020, 113, 223-240.	1.8	0
595	Outcomes of phacoemulsification combined with two iStent inject trabecular microbypass stents with or without endocyclophotocoagulation. British Journal of Ophthalmology, 2020, 104, 1378-1383.	2.1	20
596	Sensory Impairment and All-Cause Mortality Among the Oldest-Old: Findings from the Chinese Longitudinal Healthy Longevity Survey (CLHLS). Journal of Nutrition, Health and Aging, 2020, 24, 132-137.	1.5	28
597	Ocular Chlamydia trachomatis infection, anti-Pgp3 antibodies and conjunctival scarring in Vanuatu and Tarawa, Kiribati before antibiotic treatment for trachoma. Journal of Infection, 2020, 80, 454-461.	1.7	19
598	Medication Adherence and Liquid Level Tracking System for Healthcare Provider Feedback. Sensors, 2020, 20, 2435.	2.1	6
599	Exercise and Type 1 Diabetes. Advances in Experimental Medicine and Biology, 2020, 1228, 107-121.	0.8	23
600	Determining Significant Classification Factors for Senior Learning: A Case Study of Thai Seniors and Social Media Skill Learning. Wireless Personal Communications, 2020, 115, 2951-2970.	1.8	3
601	Stimulation Strategies for Improving the Resolution of Retinal Prostheses. Frontiers in Neuroscience, 2020, 14, 262.	1.4	38

		CITATION REPORT		
#	Article		IF	Citations
602	High-Density Lipoprotein Cholesterol in Age-Related Ocular Diseases. Biomolecules, 20)20, 10, 645.	1.8	16
603	Normal tension glaucoma in obstructive sleep apnea syndrome. Medicine (United Stat e19468.	es), 2020, 99,	0.4	14
604	Prevalence and causes of vision loss in sub-Saharan Africa in 2015: magnitude, tempor projections. British Journal of Ophthalmology, 2020, 104, 1658-1668.	al trends and	2.1	32
605	A novel ophthalmic viscosurgical device-free phakic intraocular lens implantation make surgery safer. Eye and Vision (London, England), 2020, 7, 18.	es myopic	1.4	12
606	<p>Combined iStent[®] Inject Trab and Phacoemulsification in Australian Patients with Open-Angle Glaucoma</p> . C Ophthalmology, 2020, Volume 14, 985-993.	ecular Micro-Bypass Clinical	0.9	7
607	Evaluation and Care of Patients with Diabetic Retinopathy. New England Journal of Me 1629-1637.	dicine, 2020, 382,	13.9	118
608	Retinal diseases diagnosis based on optical coherence tomography angiography. , 202	0, , 159-190.		0
609	Screening and detection of diabetic retinopathy by using engineering concepts. , 2020), , 285-319.		1
610	Efficacy for Differentiating Nonglaucomatous Versus Glaucomatous Optic Neuropathy Learning Systems. American Journal of Ophthalmology, 2020, 216, 140-146.	' Using Deep	1.7	35
611	Prevalence and associated factors of active trachoma among 1–9 years old chil Tigray, Ethiopia, 2018: community cross-sectional study. BMC Ophthalmology, 2020,	dren in Deguatemben, 20, 144.	0.6	5
612	Accuracy of a deep convolutional neural network in the detection of myopic macular d swept-source optical coherence tomography. PLoS ONE, 2020, 15, e0227240.	iseases using	1.1	32
613	<p>Factors Affecting Compliance to Anti-Vascular Endothelial Growth Factor Trea Diabetic Macular Edema in a Cohort of Jordanian Patients</p> . Clinical Ophthalm Volume 14, 921-929.		0.9	7
614	The Hub-and-Spoke Management of Glaucoma. Frontiers in Neuroscience, 2020, 14, 1	80.	1.4	7
615	Transfer Learning with Convolutional Neural Networks for Diabetic Retinopathy Image A Review. Applied Sciences (Switzerland), 2020, 10, 2021.	Classification.	1.3	89
616	Open-Source Automatic Segmentation of Ocular Structures and Biomarkers of Microb Slit-Lamp Photography Images Using Deep Learning. IEEE Journal of Biomedical and He 2021, 25, 88-99.	ial Keratitis on alth Informatics,	3.9	17
617	The number of optometrists is inversely correlated with blindness in OECD countries. OPhysiological Optics, 2021, 41, 198-201.	Dphthalmic and	1.0	5
618	Role of small interfering RNA (siRNA) in targeting ocular neovascularization: A review. Eye Research, 2021, 202, 108329.	Experimental	1.2	13
619	PPARÎ ³ modulates refractive development and form deprivation myopia in Guinea pigs Research, 2021, 202, 108332.	. Experimental Eye	1.2	10

#	Article	IF	CITATIONS
620	Remote screening of retinal and optic disc diseases using handheld nonmydriatic cameras in programmed routine occupational health checkups onsite at work centers. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 575-583.	1.0	4
621	Low vision evaluation training in Nigeria: Time to improve human resource in developing countries. British Journal of Visual Impairment, 2021, 39, 147-160.	0.5	2
622	Myopia prevalence in Denmark – a review of 140 years of myopia research. Acta Ophthalmologica, 2021, 99, 118-127.	0.6	14
623	Different retinopathy phenotypes in type 2 diabetes predict retinopathy progression. Acta Diabetologica, 2021, 58, 197-205.	1.2	14
624	A primer on metabolic memory: why existing diabesity treatments fail. CKJ: Clinical Kidney Journal, 2021, 14, 756-767.	1.4	2
625	Digital technology, tele-medicine and artificial intelligence in ophthalmology: A global perspective. Progress in Retinal and Eye Research, 2021, 82, 100900.	7.3	261
626	Predicting Progression to Advanced Age-Related Macular Degeneration from Clinical, Genetic, and Lifestyle Factors UsingÂMachine Learning. Ophthalmology, 2021, 128, 587-597.	2.5	34
627	Progression of Diabetic Retinopathy and Predictors of Its Development and Progression During Pregnancy in Patients With Type 1 Diabetes: A Report of 499 Pregnancies. Diabetes Care, 2021, 44, 181-187.	4.3	18
628	A decision aid to facilitate informed choices among cataract patients: A randomized controlled trial. Patient Education and Counseling, 2021, 104, 1295-1303.	1.0	6
629	The Lancet Global Health Commission on Global Eye Health: vision beyond 2020. The Lancet Global Health, 2021, 9, e489-e551.	2.9	549
630	The Effect of Momordica charantia in the Treatment of Diabetes Mellitus: A Review. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-14.	0.5	18
631	Carotenoid status in type 2 diabetes patients with and without retinopathy. Food and Function, 2021, 12, 4402-4410.	2.1	7
632	Crystalline Lens Vitamin C Levels in Cataract Surgical Patients. Open Journal of Ophthalmology, 2021, 11, 134-142.	0.1	0
633	Referral for disease-related visual impairment using retinal photograph-based deep learning: a proof-of-concept, model development study. The Lancet Digital Health, 2021, 3, e29-e40.	5.9	20
634	Risk of Blindness Among Patients With Diabetes and Newly Diagnosed Diabetic Retinopathy. Diabetes Care, 2021, 44, 748-756.	4.3	59
635	Analysis of Tear Ferning Patterns in Young Female Subjects with Refractive Errors. Journal of Ophthalmology, 2021, 2021, 1-7.	0.6	9
636	Screening of Diabetic Retinopathy in Patients with Type 2 Diabetes in a Community of the Paraíba Semi-Arid Using Original Score. Open Journal of Ophthalmology, 2021, 11, 1-17.	0.1	0
637	Rapamycin relieves the cataract caused by ablation of Gja8b through stimulating autophagy in zebrafish. Autophagy, 2021, 17, 3323-3337.	4.3	38

		EPORT	
#	Article	IF	CITATIONS
638	Genetic pre-screening for glaucoma in population-based epidemiology: protocol for a double-blind prospective screening study within Lifelines (EyeLife). BMC Ophthalmology, 2021, 21, 18.	0.6	9
639	The Role of Back Optic Zone Diameter in Myopia Control with Orthokeratology Lenses. Journal of Clinical Medicine, 2021, 10, 336.	1.0	44
640	Frequency and source of prescription eyewear insurance coverage in Ontario: a repeated population-based cross-sectional study using survey data. CMAJ Open, 2021, 9, E224-E232.	1.1	1
641	EVALUATION OF OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY IN DIABETIC RETINOPATHY. Al Azhar Medical Journal = Majallat Al-Tibb Al-Azhar, 2021, 50, 453-468.	0.0	0
642	Comparative evaluation of qualitative performance of technical human resource in school eye health program. Indian Journal of Ophthalmology, 2021, 69, 123.	0.5	5
643	Efficacy of 0.05% cyclosporine A on the lipid layer and meibomian glands after cataract surgery: A randomized, double-masked study. PLoS ONE, 2021, 16, e0245329.	1.1	7
644	Detection of retinal abnormalities in fundus image using CNN deep learning networks. , 2021, , 19-61.		11
645	Low Vision, Vision Disability, and Blindness. , 2021, , 1-13.		0
646	Analysis of Diabetes Apps to Assess Privacy-Related Permissions: Systematic Search of Apps. JMIR Diabetes, 2021, 6, e16146.	0.9	7
647	The Patient Experience: Symptoms and Impact of Dry Age-Related Macular Degeneration. Ophthalmology and Therapy, 2021, 10, 151-164.	1.0	8
648	Effect of slow tempo music on markers of anxiety during cataract surgery: Randomized control trial. Taiwan Journal of Ophthalmology, 2022, 12, 74.	0.3	1
649	The Burden of Non-communicable Diseases and Diabetic Retinopathy. , 2021, , 197-228.		0
650	The severity of visual field defect and the defective angles of localized retinal nerve fiber layer using a novel approach. Journal of the Formosan Medical Association, 2021, 120, 2153-2159.	0.8	2
651	Eye Health and Illuminated Screen Usage in the Arab World. , 2021, , 2399-2416.		0
652	Multi-label ocular disease classification with a dense correlation deep neural network. Biomedical Signal Processing and Control, 2021, 63, 102167.	3.5	32
653	Psychometric validation techniques applied to the IND-VFQ-33 visual function questionnaire: the Hyderabad ocular morbidity in the elderly study (HOMES). BMC Medical Research Methodology, 2021, 21, 26.	1.4	2
654	Associations Between Regional Environment and Cornea-Related Morphology of the Eye in Young Adults: A Large-Scale Multicenter Cross-Sectional Study. , 2021, 62, 35.		6
655	Association Between Serum Lipid Levels and Patients With Primary Angle-Closure Glaucoma in China: A Cross Sectional, Case–Control Study. Frontiers in Medicine, 2021, 8, 618970.	1.2	2

#	Article	IF	CITATIONS
656	Underdiagnosis of glaucoma in patients with exudative age-related macular degeneration. Eye, 2021, 35, 3350-3357.	1.1	3
657	Recomendaciones «no hacer» para retinopatÃas: estudio mixto de consenso. Archivos De La Sociedad Espanola De Oftalmologia, 2021, , .	0.1	0
658	A CLINICAL STUDY SHOWING ASSOCIATION OF SERUM LIPIDS WITH PRIMARY OPEN ANGLE GLAUCOMA. , 2021, , 63-64.		0
659	Global patterns in vision loss burden due to vitamin A deficiency from 1990 to 2017. Public Health Nutrition, 2021, 24, 5786-5794.	1.1	18
660	Study of awareness of diabetic retinopathy and its implications among diabetic patients visiting at a tertiary eye care center. Indian Journal of Clinical and Experimental Ophthalmology, 2021, 7, 199-204.	0.1	0
661	Visual, hearing, and dual sensory impairment are associated with higher depression and anxiety in women. International Journal of Geriatric Psychiatry, 2021, 36, 1378-1385.	1.3	11
662	Clinical Characteristics of Presenile Cataract: Change over 10 Years in Southern Taiwan. BioMed Research International, 2021, 2021, 1-5.	0.9	1
663	Wide Field Swept Source Optical Coherence Tomography Angiography for the Evaluation of Proliferative Diabetic Retinopathy and Associated Lesions: A Review. Seminars in Ophthalmology, 2021, 36, 162-167.	0.8	13
664	Hypertension affects the treatment of wet ageâ€related macular degeneration. Acta Ophthalmologica, 2021, 99, 871-876.	0.6	3
665	Progression from Type 2 Macular Neovascularization to Fibrovascular Pigment Epithelial Detachment. Vision (Switzerland), 2021, 5, 16.	O.5	1
666	Evidence-Based Practice and Trends in Visual Rehabilitation for Patients with Age-Related Macular Degeneration. , 0, , .		0
667	Challenges, facilitators and barriers to screening study participants in early disease stages-experience from the MACUSTAR study. BMC Medical Research Methodology, 2021, 21, 54.	1.4	4
668	Dry eye and inflammation of the ocular surface after cataract surgery: effectiveness of a tear film substitute based on trehalose/hyaluronic acid vs hyaluronic acid to resolve signs and symptoms. Journal of Cataract and Refractive Surgery, 2021, 47, 1430-1435.	0.7	14
669	A Review of Statistical and Machine Learning Techniques for Microvascular Complications in Type 2 Diabetes. Current Diabetes Reviews, 2021, 17, 143-155.	0.6	9
670	Diagnostic Accuracy of Detecting Diabetic Retinopathy by Using Digital Fundus Photographs in the Peripheral Health Facilities of Bangladesh: Validation Study. JMIR Public Health and Surveillance, 2021, 7, e23538.	1.2	10
672	Incidence of Diabetic Retinopathy and Its Predictors Among Newly Diagnosed Type 1 and Type 2 Diabetic Patients: A Retrospective Follow-up Study at Tertiary Health-care Setting of Ethiopia. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 1305-1313.	1.1	5
673	Imaging Features by Machine Learning for Quantification of Optic Disc Changes and Impact on Choroidal Thickness in Young Myopic Patients. Frontiers in Medicine, 2021, 8, 657566.	1.2	5
674	Coadministration With Carbidopa Enhances the Antimyopic Effects of Levodopa in Chickens. , 2021, 62, 25.		6

		CITATION REPORT		
#	Article		IF	CITATIONS
675	Application of big-data for epidemiological studies of refractive error. PLoS ONE, 2021,	, 16, e0250468.	1.1	9
676	Suppression of choroidal neovascularization by silencing of long non-coding RNA IPW. 10584-10602.	Aging, 2021, 13,	1.4	8
677	Association of Systemic Inflammatory Factors with Progression to Advanced Age-relate Degeneration. Ophthalmic Epidemiology, 2022, 29, 139-148.	ed Macular	0.8	12
678	Influence of serum lipids on clinically significant macular edema in type 2 diabetic retin IP International Journal of Ocular Oncology and Oculoplasty, 2021, 7, 82-88.	opathy cases.	0.0	1
680	What Is New in Glaucoma: From Treatment to Biological Perspectives. Journal of Ophth 2021, 1-10.	1almology, 2021,	0.6	8
681	Trends in research related to high myopia from 2010 to 2019: a bibliometric and know analysis. International Journal of Ophthalmology, 2021, 14, 589-599.	ledge mapping	0.5	14
682	A machine-learning algorithm correctly classifies cortical evoked potentials from both v stimulation and electrical stimulation of the optic nerve. Journal of Neural Engineering, 046031.		1.8	8
683	Discriminative Learning Approach Based on Flexible Mixture Model for Medical Data Ca and Recognition. Sensors, 2021, 21, 2450.	ategorization	2.1	14
684	The Mental Status in Patients with Diabetes Mellitus Admitted to a Diabetes Clinic After the Emergency Room: The Application of the SCL-90 Scale. Diabetes, Metabolic Syndro Targets and Therapy, 2021, Volume 14, 1833-1840.	er Presenting in ome and Obesity:	1.1	4
685	SWATH Based Quantitative Proteomics Reveals Significant Lipid Metabolism in Early M Retina. International Journal of Molecular Sciences, 2021, 22, 4721.	lyopic Guinea Pig	1.8	17
687	Prevalence of Macular Abnormalities Identified Only on Optical Coherence Tomograph Patients Scheduled for Cataract Surgery. Korean Journal of Ophthalmology: KJO, 2021,	y in Korean , 35, 153-158.	0.5	1
688	Transneuronal Degeneration in the Brain During Glaucoma. Frontiers in Aging Neurosc 643685.	ience, 2021, 13,	1.7	29
689	The effect of COVID-19 pandemic restrictions on neovascular AMD patients treated wi treat-and-extend protocol. International Ophthalmology, 2021, 41, 2951-2961.	th	0.6	21
690	Role of Oral Antioxidant Supplementation in the Current Management of Diabetic Reti International Journal of Molecular Sciences, 2021, 22, 4020.	nopathy.	1.8	15
691	Pharmacological reflection of plants traditionally used to manage diabetes mellitus in T Journal of Ethnopharmacology, 2021, 269, 113715.	Fanzania.	2.0	4
692	Applications of deep learning in fundus images: A review. Medical Image Analysis, 202	1, 69, 101971.	7.0	175
693	Comparing School-Aged Refraction Measurements Using the 2WIN-S Portable Refractor Cycloplegic Retinoscopy: A Cross-Sectional Study. Journal of Ophthalmology, 2021, 20	or in Relation to 121, 1-8.	0.6	2
694	Diabetic Retinopathy Fundus Image Classification and Lesions Localization System Usi Sensors, 2021, 21, 3704.	ng Deep Learning.	2.1	120

#	Article	IF	CITATIONS
695	Impact and Challenges of Integrating Artificial Intelligence and Telemedicine into Clinical Ophthalmology. Asia-Pacific Journal of Ophthalmology, 2021, 10, 317-327.	1.3	14
696	Differences in anterior peripheral pathologic myopia and macular pathologic myopia by age and gender. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 3511-3513.	1.0	2
697	A Comprehensive Review of Retinal Vascular and Optical Nerve Diseases Based on Optical Coherence Tomography Angiography. Applied Sciences (Switzerland), 2021, 11, 4158.	1.3	2
698	Effectiveness of matching human leukocyte antigens (HLA) in corneal transplantation: a systematic review protocol. Systematic Reviews, 2021, 10, 150.	2.5	3
699	Circular RNA circZNF292 regulates H ₂ O ₂ â€induced injury in human lens epithelial HLEâ€B3 cells depending on the regulation of the miRâ€222â€3p/E2F3 axis. Cell Biology International, 2021, 45, 1757-1767.	1.4	13
700	Interpreting Deep Learning Studies in Glaucoma: Unresolved Challenges. Asia-Pacific Journal of Ophthalmology, 2021, 10, 261-267.	1.3	14
701	A Baseline Score to Predict Response to Ranibizumab Treatment in Neovascular Age-Related Macular Degeneration. Translational Vision Science and Technology, 2021, 10, 11.	1.1	7
702	Ultra-wide field swept-source optical coherence tomography angiography in patients with diabetes without clinically detectable retinopathy. BMC Ophthalmology, 2021, 21, 192.	0.6	18
703	Understanding inherent image features in CNN-based assessment of diabetic retinopathy. Scientific Reports, 2021, 11, 9704.	1.6	25
704	Do You See What Eye See? Measurement, Correlates, and Functional Associations of Objective and Self-Reported Vision Impairment in Aging South Africans. Journal of Aging and Health, 2021, 33, 089826432110128.	0.9	1
705	Evaluation of Macular Function Tests with Diabetic Retinopathy. Journal of Evolution of Medical and Dental Sciences, 2021, 10, 1463-1468.	0.1	0
706	Optical Coherence Tomography Angiography Metrics Monitor Severity Progression of Diabetic Retinopathy—3-Year Longitudinal Study. Journal of Clinical Medicine, 2021, 10, 2296.	1.0	12
707	Pandemic of Childhood Myopia. Could New Indoor LED Lighting Be Part of the Solution?. Energies, 2021, 14, 3827.	1.6	7
708	Physician and patient concordance in reporting of appropriateness and prioritization for cataract surgery. PLoS ONE, 2021, 16, e0253210.	1.1	1
709	Atypical Corneal Phenotype in Patients With Trachoma and Secondary Amyloidosis. Cornea, 2021, Publish Ahead of Print, .	0.9	0
710	Study on visual function comparison between ametropes and emmetropes after visual correction. Indian Journal of Clinical and Experimental Ophthalmology, 2021, 7, 428-432.	0.1	0
711	Pre-Emptive Topical Ketorolac Tromethamine 0.5% for Panretinal Photocoagulation. Journal of Ocular Pharmacology and Therapeutics, 2021, 37, 313-317.	0.6	1
712	Live-cell ATR-FTIR spectroscopy as a novel bioanalytical tool for cell glucose metabolism research. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119024.	1.9	14

#	Article	IF	CITATIONS
713	Cardiovascular Adverse Events With Intravitreal Anti–Vascular Endothelial Growth Factor Drugs. JAMA Ophthalmology, 2021, 139, 610.	1.4	23
714	Awareness and knowledge about glaucoma among patients visiting the screening clinic in Jeddah Eye Hospital, Saudi Arabia. International Journal of Ophthalmology, 2021, 14, 887-895.	0.5	7
715	Causes of Blindness in Adults in Southern Turkey According to Health Committee Reports. Türk Oftalmoloji Dergisi, 2021, 51, 146-150.	0.4	1
716	Demographic, Clinical, and Psychosocial Predictors of Change in Medication Adherence in the Support, Educate, Empower Program. Ophthalmology Glaucoma, 2022, 5, 47-57.	0.9	5
717	A novel regulatory network of linc00174/miR-150-5p/VEGFA modulates pathological angiogenesis in diabetic retinopathy. Canadian Journal of Physiology and Pharmacology, 2021, 99, 1175-1183.	0.7	10
719	Socioeconomic disparity in global vision loss burden due to diabetic retinopathy: an analysis on time trends from 1990 to 2017. Endocrine, 2021, 73, 316-324.	1.1	3
720	AWARENESS ABOUT DIABETIC RETINOPATHY AMONG THE PATIENTS (TYPE1 & TYPE2 DIABETES MELLITUS) ATTENDING A TERTIARY EYE CENTRE IN WEST BENGAL. , 2021, , 40-42.		0
721	Interactions between Apolipoprotein E Metabolism and Retinal Inflammation in Age-Related Macular Degeneration. Life, 2021, 11, 635.	1.1	14
722	Recent progress of continuous intraocular pressure monitoring. Nano Select, 2022, 3, 1-19.	1.9	4
723	Whole-Exome Sequencing in a Cohort of High Myopia Patients in Northwest China. Frontiers in Cell and Developmental Biology, 2021, 9, 645501.	1.8	7
724	Prospective evaluation of the comorbidity of obstructive sleep apnea in patients with glaucoma. Journal of Clinical Sleep Medicine, 2022, 18, 47-56.	1.4	2
725	Associations of near work time, watching TV, outdoors time, and parents' myopia with myopia among school children based on 38â€yearâ€old historical data. Acta Ophthalmologica, 2022, 100, .	0.6	18
726	Clinical outcomes and complications between FLACS and conventional phacoemulsification cataract surgery: a PRISMA-compliant Meta-analysis of 25 randomized controlled trials. International Journal of Ophthalmology, 2021, 14, 1081-1091.	0.5	13
727	Foldable Glistening-Free Acrylic Intraocular Lens Biomaterials with Dual-Side Heterogeneous Surface Modification for Postoperative Endophthalmitis and Posterior Capsule Opacification Prophylaxis. Biomacromolecules, 2021, 22, 3510-3521.	2.6	12
728	Systemic exposure following intravitreal administration of therapeutic agents: an integrated pharmacokinetic approach. 2. THR-687. Journal of Pharmacokinetics and Pharmacodynamics, 2021, 48, 837-849.	0.8	0
729	Role of interferons in diabetic retinopathy. World Journal of Diabetes, 2021, 12, 939-953.	1.3	9
730	Transscleral cyclophotocoagulation in the treatment of glaucoma: patient selection and perspectives. Expert Review of Ophthalmology, 2021, 16, 357-375.	0.3	0
731	Intraocular fluid biomarkers (liquid biopsy) in human diabetic retinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 3549-3560.	1.0	26

#	Article	IF	CITATIONS
732	Multimodal Machine Learning Using Visual Fields and Peripapillary Circular OCT Scans in Detection of Glaucomatous Optic Neuropathy. Ophthalmology, 2022, 129, 171-180.	2.5	33
733	Insights into the mechanism by which atropine inhibits myopia: evidence against cholinergic hyperactivity and modulation of dopamine release. British Journal of Pharmacology, 2021, 178, 4501-4517.	2.7	13
734	Factors affecting guardians' decision making on clinic-based purchase of children's spectacles in Nigeria. PLoS ONE, 2021, 16, e0254517.	1.1	4
735	Causes and Five-Year Proportion of New Irreversible Visual Impairment in Jinshan District, Shanghai, from 2009–2018. Journal of Ophthalmology, 2021, 2021, 1-6.	0.6	3
736	Agreement Between Spectral-Domain and Swept-Source Optical Coherence Tomography Retinal Thickness Measurements in Macular and Retinal Disease. Ophthalmology and Therapy, 2021, 10, 913-922.	1.0	6
737	Transcriptomeâ€based insights into gene networks controlling myopia prevention. FASEB Journal, 2021, 35, e21846.	0.2	9
738	Nedd8-Activating Enzyme Is a Druggable Host Dependency Factor of Human and Mouse Cytomegalovirus. Viruses, 2021, 13, 1610.	1.5	5
739	MicroRNA and diabetic retinopathy—biomarkers and novel therapeutics. Annals of Translational Medicine, 2021, 9, 1280-1280.	0.7	27
740	Trachoma Prevalence in Four Localities of Darfur Region, Sudan, following One Round of Antibiotic Mass Drug Administration. Ophthalmic Epidemiology, 2023, 30, 571-579.	0.8	2
741	Ocular Disease Detection Using Advanced Neural Network Based Classification Algorithms. Asian Journal of Convergence in Technology, 2021, 7, 91-99.	0.2	5
742	Surgical Outcomes of Combined 2nd-Generation Trabecular Microbypass (iStent Inject) and Cataract Surgery for the Treatment of Primary Open-Angle Glaucoma in the Saudi Population. Ophthalmology and Therapy, 2021, 10, 923-933.	1.0	4
744	Gait characteristics during crossing over obstacle in patients with glaucoma using insole foot pressure. Medicine (United States), 2021, 100, e26938.	0.4	1
745	Long-term outcomes of intravitreal anti-VEGF therapies in patients affected by neovascular age-related macular degeneration: a real-life study. BMC Ophthalmology, 2021, 21, 300.	0.6	13
746	Functional integration of eye tissues and refractive eye development: Mechanisms and pathways. Experimental Eye Research, 2021, 209, 108693.	1.2	21
747	Evaluation of the initial implementation of a nationwide diabetic retinopathy screening programme in primary care: a multimethod study. BMJ Open, 2021, 11, e044805.	0.8	4
748	Visual impairment among children in Sweden with foreignâ€born parents and natives: a national Swedish study. Acta Paediatrica, International Journal of Paediatrics, 2021, , .	0.7	1
749	Declined incidence of patients treated for vision-threatening diabetic retinopathy in South Korea: a 12-year nationwide population-based study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 101-111.	1.0	2
750	DeepUWF: An Automated Ultra-Wide-Field Fundus Screening System via Deep Learning. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2988-2996.	3.9	13

#	Article	IF	CITATIONS
751	Comparison of the rabbit and human corneal endothelial proteomes regarding proliferative capacity. Experimental Eye Research, 2021, 209, 108629.	1.2	4
752	OCULAR SURFACE TEMPERATURE DIFFERENCES IN RETINAL VASCULAR DISEASES. Retina, 2022, 42, 152-158.	1.0	10
753	Utility of photography for trachoma surveys: A systematic review. Survey of Ophthalmology, 2022, 67, 842-857.	1.7	9
755	Who needs myopia control?. International Journal of Ophthalmology, 2021, 14, 1297-1301.	0.5	15
756	CD40 Expressed in Endothelial Cells Promotes Upregulation of ICAM-1 But Not Pro-Inflammatory Cytokines, NOS2 and P2X ₇ in the Diabetic Retina. , 2021, 62, 22.		3
757	Global Burden of Dry Age-Related Macular Degeneration: A Targeted Literature Review. Clinical Therapeutics, 2021, 43, 1792-1818.	1.1	38
758	The Importance of Close Follow-Up in Patients with Early-Grade Diabetic Retinopathy: A Taiwan Population-Based Study Grading via Deep Learning Model. International Journal of Environmental Research and Public Health, 2021, 18, 9768.	1.2	4
759	HSP90 acts as a senomorphic target in senescent retinal pigmental epithelial cells. Aging, 2021, 13, 21547-21570.	1.4	12
760	The Impact of COVID-19 on Diabetic Retinopathy Monitoring and Treatment. Current Diabetes Reports, 2021, 21, 40.	1.7	17
761	Deep learning-based signal-independent assessment of macular avascular area on 6×6 mm optical coherence tomography angiogram in diabetic retinopathy: a comparison to instrument-embedded software. British Journal of Ophthalmology, 2023, 107, 84-89.	2.1	4
762	The impact of optic disk morphological characteristics on peripapillary retinal nerve fiber layer thickness in non-glaucomatous subjects with high myopia. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102355.	1.3	2
763	Low prevalence of diabetic retinopathy in patients with long-term type 1 diabetes and current good glycemic control - one-center retrospective assessment. Endocrine, 2022, 75, 427-436.	1.1	3
764	Digital device overuse during the COVID-19 pandemic and visual impairment among children: Is there a risk for long-term effects?. Sanamed, 2021, 16, 161-166.	0.1	0
765	Angiopoietins as Potential Targets in Management of Retinal Disease. Clinical Ophthalmology, 2021, Volume 15, 3747-3755.	0.9	21
766	Importance of medication adherence in treatment needed diabetic retinopathy. Scientific Reports, 2021, 11, 19100.	1.6	11
767	Prevalence of Refractive Error and Visual Acuity Among School Children in the Plateau Region of Qinghai, China. International Journal of General Medicine, 2021, Volume 14, 5795-5805.	0.8	7
768	Baseline Prevalence of Trachoma in Refugee Settlements in Uganda: Results of 11 Population-based Surveys. Ophthalmic Epidemiology, 2021, , 1-11.	0.8	2
769	Ocular Neurodegenerative Diseases: Interconnection between Retina and Cortical Areas. Cells, 2021, 10, 2394.	1.8	55

#	Article	IF	CITATIONS
770	Phase 1 Study of THR-687, a Novel, Highly Potent Integrin Antagonist for the Treatment of Diabetic Macular Edema. Ophthalmology Science, 2021, 1, 100040.	1.0	12
771	Time trends and heterogeneity in the disease burden of trachoma, 1990–2019: a global analysis. British Journal of Ophthalmology, 2023, 107, 337-341.	2.1	3
772	BIOCHEMICAL STUDY OF SERUM MDAAND VITAMIN E IN PATIENTS OF SENILE CATARACT. , 2021, , 13-14.		0
773	Clinical characteristics, rates of blindness, and geographic features of PACD in China. Canadian Journal of Ophthalmology, 2021, 56, 299-306.	0.4	3
774	TRk-CNN: Transferable Ranking-CNN for image classification of glaucoma, glaucoma suspect, and normal eyes. Expert Systems With Applications, 2021, 182, 115211.	4.4	19
775	Overview and definition of age-related macular degeneration. , 2022, , 1-16.		2
776	Epidemiology of age-related macular degeneration. , 2022, , 17-29.		2
777	Subunit-based vaccines. , 2022, , 79-135.		2
778	Clinical and predictive significance of Plasma Fibrinogen Concentrations combined Monocyte-lymphocyte ratio in patients with Diabetic Retinopathy. International Journal of Medical Sciences, 2021, 18, 1390-1398.	1.1	9
779	Comparison of autorefractor with focometer in patients with refractive errors attending Lagos University Teaching Hospital, Lagos, Nigeria - A cross sectional survey. Journal of Clinical Sciences, 2021, 18, 24.	0.0	0
780	Drug-Eluting Hydrophilic Coating Modification of Intraocular Lens via Facile Dopamine Self-Polymerization for Posterior Capsular Opacification Prevention. ACS Biomaterials Science and Engineering, 2021, 7, 1065-1073.	2.6	28
781	What Do Cataract Patients Want?. , 2021, , 1-12.		1
782	Analysis of Microcirculation Changes in the Macular Area and Optic Disc of Primary Open-Angle Glaucoma Using Optical Coherence Tomograph Angiography. Hans Journal of Ophthalmology, 2021, 10, 94-102.	0.0	1
783	Metabolism and Functions of Amino Acids in Sense Organs. Advances in Experimental Medicine and Biology, 2020, 1265, 201-217.	0.8	11
784	Prevalence and Causes of Vision Impairment and Blindness: The Global Burden of Disease. Essentials in Ophthalmology, 2019, , 7-20.	0.0	4
785	The Economic and Societal Impact of Myopia and High Myopia. , 2020, , 53-63.		12
786	Epidemiology of Myopic and Vitreomaculopathies. , 2020, , 285-295.		1
787	Towards multi-center glaucoma OCT image screening with semi-supervised joint structure and function multi-task learning. Medical Image Analysis, 2020, 63, 101695.	7.0	47

ARTICLE IF CITATIONS # Deep learning frameworks for diabetic retinopathy detection with smartphone-based retinal imaging 788 2.6 81 systems. Pattern Recognition Letters, 2020, 135, 409-417. Inhibition of soluble epoxide hydrolase prevents diabetic retinopathy. Nature, 2017, 552, 248-252. 13.7 Automated segmentation of hyperreflective foci in spectral domain optical coherence tomography 792 0.8 16 with diabetic retinopathy. Journal of Medical Imaging, 2018, 5, 1. Swept-source OCTA quantification of capillary closure predicts ETDRS severity staging of NPDR. 793 British Journal of Ophthalmology, 2022, 106, 712-718. Development of a system based on artificial intelligence to identify visual problems in children: study 794 0.8 11 protocol of the TrackAl project. BMJ Open, 2020, 10, e033139. A Global View on Output and Outcomes of Cataract Surgery With National Indices of Socioeconomic Development. , 2017, 58, 3669-3676. 795 Clinical signs of trachoma are prevalent among Solomon Islanders who have no persistent markers 797 0.9 3 of prior infection with Chlamydia trachomatis. Wellcome Open Research, 0, 3, 14. Clinical signs of trachoma are prevalent among Solomon Islanders who have no persistent markers of prior infection with Chlamydia trachomatis. Wellcome Open Research, 2018, 3, 14. 798 29 Eyelash Epilation in the Absence of Trichiasis: Results of a Population-Based Prevalence Survey in the 799 1.3 11 Western Division of Fiji. PLoS Neglected Tropical Diseases, 2017, 11, e0005277. Prevalence of signs of trachoma, ocular Chlamydia trachomatis infection and antibodies to Pgp3 in 1.3 residents of Kiritimati Island, Kiribati. PLoS Neglected Tropical Diseases, 2017, 11, e0005863 The cost of mapping trachoma: Data from the Global Trachoma Mapping Project. PLoS Neglected 801 21 1.3 Tropical Diseases, 2017, 11, e0006023. Sanitation and water supply coverage thresholds associated with active trachoma: Modeling cross-sectional data from 13 countries. PLoS Neglected Tropical Diseases, 2018, 12, e0006110. 1.3 64 Ten-Year Cumulative Incidence of Diabetic Retinopathy. The Beijing Eye Study 2001/2011. PLoS ONE, 2014, 803 1.1 56 9, e111320. Differential Effects of C1qa Ablation on Glaucomatous Damage in Two Sexes in DBA/2NNia Mice. PLoS 804 1.1 ONE, 2015, 10, e0142199 Olive Oil Consumption and Age-Related Macular Degeneration: The Alienor Study. PLoS ONE, 2016, 11, 805 29 1.1 e0160240. Effective cataract surgical coverage: An indicator for measuring quality-of-care in the context of 806 70 Universal Health Coverage. PLoS ONE, 2017, 12, e0172342. Treatment coverage rates for refractive error in the National Eye Health survey. PLoS ONE, 2017, 12, 807 1.1 17 e0175353. Six-year changes in refraction and related ocular biometric factors in an adult Chinese population. 808 1.1 PLoS ONE, 2017, 12, e0183364.

#	Article	IF	CITATIONS
809	Comparison of Goto-Kakizaki rats and high fat diet-induced obese rats: Are they reliable models to study Type 2 Diabetes mellitus?. PLoS ONE, 2017, 12, e0189622.	1.1	51
810	Germ-line and somatic EPHA2 coding variants in lens aging and cataract. PLoS ONE, 2017, 12, e0189881.	1.1	8
811	Validity of the Titmus Vision Screener: A Comparison with the Snellen Chart. Journal of Ophthalmic Science, 2018, 2, 35-43.	0.3	3
812	Hospital Choice for Cataract Treatments: The Winner Takes Most. International Journal of Health Policy and Management, 2018, 7, 1120-1129.	0.5	3
813	Association of n-6 PUFAs with the risk of diabetic retinopathy in diabetic patients. Endocrine Connections, 2020, 9, 1191-1201.	0.8	10
814	Local and systemic production of 45 cytokines in complicated proliferative diabetic retinopaty. Medical Immunology (Russia), 2020, 22, 301-310.	0.1	7
816	Interplay between reactive oxygen species and autophagy in the course of age-related macular degeneration. EXCLI Journal, 2020, 19, 1353-1371.	0.5	7
817	Zonular instability in patients with pseudoexfoliative syndrome: the analysis of 1000 consecutive phacoemulsifications. Ophthalmology Journal, 2018, 11, 41-46.	0.1	11
818	Cataract surgery in pseudoexfoliation syndrome. Ophthalmology Journal, 2020, 13, 37-42.	0.1	7
819	Resveratrol for the Management of Diabetes and its Downstream Pathologies. European Endocrinology, 2010, 10, 31.	0.8	14
820	Micronutrients and Benefits of Supplementation for Reducing the Risk of Progression of Age-related Macular Degeneration – An Update. European Ophthalmic Review, 2018, 12, 39.	0.3	2
821	Recent Advances in Topical Therapeutics for Vitreoretinal Diseases. US Ophthalmic Review, 2015, 8, 60.	0.2	1
822	Refractive errors among children, adolescents and adults attending eye clinics in Mexico. International Journal of Ophthalmology, 2017, 10, 796-802.	0.5	21
823	Bibliometric analysis of glaucoma-related literature based on SCIE database: a 10-year literature analysis from 2009 to 2018. International Journal of Ophthalmology, 2020, 13, 1998-2006.	0.5	3
824	Pathway activation profiling reveals new insights into Age-related Macular Degeneration and provides avenues for therapeutic interventions. Aging, 2014, 6, 1064-1075.	1.4	43
825	<i>IGF1</i> gene polymorphisms associated with diabetic retinopathy risk in Chinese Han population. Oncotarget, 2017, 8, 88034-88042.	0.8	11
826	Improved cell metabolism prolongs photoreceptor survival upon retinal-pigmented epithelium loss in the sodium iodate induced model of geographic atrophy. Oncotarget, 2016, 7, 9620-9633.	0.8	25
827	In Silico Computations of Selective Phytochemicals as Potential Inhibitors Against Major Biological Targets of Diabetes Mellitus. Current Computer-Aided Drug Design, 2019, 15, 401-408.	0.8	20

#	Article	IF	CITATIONS
828	Artificial Intelligence for the Detection of Diabetic Retinopathy in Primary Care: Protocol for Algorithm Development. JMIR Research Protocols, 2019, 8, e12539.	0.5	16
829	An overview of the influence and design of biomaterial of the intraocular implant of the posterior capsule opacification. Romanian Journal of Ophthalmology, 2018, 62, 188-193.	0.4	16
830	Towards better estimates of uncorrected presbyopia. Bulletin of the World Health Organization, 2015, 93, 667-667.	1.5	22
831	Implementation of a diabetic retinopathy referral network, Peru. Bulletin of the World Health Organization, 2018, 96, 674-681.	1.5	18
832	The simplified trachoma grading system, amended. Bulletin of the World Health Organization, 2020, 98, 698-705.	1.5	44
833	Elimination of trachoma from Morocco: a historical review. Eastern Mediterranean Health Journal, 2020, 26, 713-719.	0.3	1
834	The Prevalence of Visual Impairment in the Adult Population. Deutsches Ärzteblatt International, 2019, 116, 289-295.	0.6	20
835	Automated imaging technologies for the diagnosis of glaucoma: a comparative diagnostic study for the evaluation of the diagnostic accuracy, performance as triage tests and cost-effectiveness (GATE) Tj ETQq1 1	0.784314	rg & I /Overl
836	Novel Drug Delivery Systems Fighting Glaucoma: Formulation Obstacles and Solutions. Pharmaceutics, 2021, 13, 28.	2.0	30
837	Horizontal inequity in the utilization of cataract surgery in Iran: Shahroud Eye Cohort Study, 2009-2014. Medical Journal of the Islamic Republic of Iran, 2019, 33, 116.	0.9	1
838	Inhibition of the leucineâ€ʻrich repeat protein lingoâ€ʻ1 enhances RGC survival in optic nerve injury. Experimental and Therapeutic Medicine, 2020, 19, 619-629.	0.8	6
839	Questionnaires for Measuring Refractive Surgery Outcomes. Journal of Refractive Surgery, 2017, 33, 416-424.	1.1	32
840	Suprachoroidal Space Alterations Following Delivery of Triamcinolone Acetonide: Post-Hoc Analysis of the Phase 1/2 HULK Study of Patients With Diabetic Macular Edema. Ophthalmic Surgery Lasers and Imaging Retina, 2018, 49, 692-697.	0.4	28
841	Results of cataract surgery in renal transplantation and hemodialysis patients. International Journal of Ophthalmology, 2015, 8, 971-4.	0.5	4
842	Uncorrected refractive errors, presbyopia and spectacle coverage in Kamuli District, Uganda. African Vision and Eye Health, 2016, 75, .	0.1	6
843	A review of visual impairment. African Vision and Eye Health, 2018, 77, .	0.1	16
844	Vision-specific and psychosocial impacts of low vision among patients with low vision at the eastern regional Low Vision Centre. African Vision and Eye Health, 2018, 77, .	0.1	1
845	Are optometrists necessary in primary health care centres in Saudi Arabia?. African Vision and Eye Health, 2018, 77, .	0.1	2

#	Article	IF	CITATIONS
846	Prevalence of vision impairment and refractive error in school learners in Calabar, Nigeria. African Vision and Eye Health, 2019, 78, .	0.1	6
847	Diabetic care initiatives to prevent blindness from diabetic retinopathy in India. Indian Journal of Ophthalmology, 2016, 64, 50.	0.5	9
848	Cataract surgery audit at a private hospital in Saudi Arabia. Middle East African Journal of Ophthalmology, 2015, 22, 502.	0.5	4
849	Awareness and knowledge of diabetic retinopathy and associated factors in Goa: A hospital-based cross-sectional study. Indian Journal of Ophthalmology, 2020, 68, 383.	0.5	24
850	Spectacles use in a rural population in the state of Telangana in South India. Indian Journal of Ophthalmology, 2017, 65, 509.	0.5	10
851	Designing a screening program for prevention of avoidable blindness in Iran through a participatory action approach. Journal of Ophthalmic and Vision Research, 2019, 14, 52.	0.7	6
852	The muranga teleophthalmology study: A comparison of virtual (teleretina) assessment with in-person clinical examination to diagnose diabetic retinopathy and age-related macular degeneration in kenya. Middle East African Journal of Ophthalmology, 2020, 27, 91.	0.5	7
853	Prevalence and major causes of visual impairment in Iranian adults: A systematic review. Middle East African Journal of Ophthalmology, 2017, 24, 148.	0.5	10
854	Frequency of cataract in Iran: A meta-analysis and systematic review. Middle East African Journal of Ophthalmology, 2018, 25, 40.	0.5	11
855	Quality Assurance and Quality Control in the Global Trachoma Mapping Project. American Journal of Tropical Medicine and Hygiene, 2018, 99, 858-863.	0.6	56
856	The Top 100 Cited Articles on Ocular Trauma: A Bibliometric Analysis. European Journal of Therapeutics, 2020, 26, 322-331.	0.0	4
857	Monitoring of solar spectral ultraviolet irradiance in Aosta, Italy. Earth System Science Data, 2020, 12, 2787-2810.	3.7	13
858	Effect of lutein supplementation on visual function in nonproliferative diabetic retinopathy. Asia Pacific Journal of Clinical Nutrition, 2017, 26, 406-411.	0.3	25
859	Pattern of Refractive Errors in Primary School Children in Dehradun City of Uttrakhand State. Delhi Journal of Ophthalmology, 2016, 27, 106-110.	0.0	4
860	Awareness, knowledge, and practice regarding to diabetic retinopathy among KKU students besides medical students in Abha, Saudi Arabia. Journal of Family Medicine and Primary Care, 2021, 10, 3233.	0.3	6
861	Convolutional Neural Network for Classifying Retinal Diseases from OCT2017 Dataset. , 2021, , .		1
862	EFFECT OF STATIN USE ON STATUS OF DIABETIC ETINOPATHY/ DIABETIC MACULAR EDEMA IN PATIENTS OF TYPE 2 DIABETES MELLITUS. , 2021, , 48-51.		0
863	A comparison of clinical outcomes and optical performance between monofocal and new monofocal with enhanced intermediate function intraocular lenses: a case-control study. BMC Ophthalmology, 2021, 21, 365.	0.6	36

#	Article	IF	CITATIONS
864	«Do Not Do» recommendations for retinopathies: A mixed consensus study. Archivos De La Sociedad Espanola De Oftalmologia, 2021, 96, 578-586.	0.1	0
865	Two-field non-mydriatic fundus photography for diabetic retinopathy screening: a protocol for a systematic review and meta-analysis. BMJ Open, 2021, 11, e051761.	0.8	3
866	Predicting Post-Cataract Surgery Visual Acuity in Vitrectomized Eyes: The Efficacy and Accuracy of "Lambda―Retinometry. Ophthalmic Surgery Lasers and Imaging Retina, 2021, 52, 535-542.	0.4	0
867	Using transfer learning for diabetic retinopathy stage classification. Applied Computing and Informatics, 2021, ahead-of-print, .	3.7	9
868	Open-Source Automatic Biomarker Measurement on Slit-Lamp Photography to Estimate Visual Acuity in Microbial Keratitis. Translational Vision Science and Technology, 2021, 10, 2.	1.1	3
869	IN VITRO INVESTIGATION OF THE TRANSPLANTATION PROSPECTS OF MULTICELLULAR SPHEROID MICROAGGREGATES OF DONOR RETINAL PIGMENT EPITHELIUM. Vestnik Transplantologii I Iskusstvennykh Organov, 2015, 17, 58-64.	0.1	1
870	Optometric low vision rehabilitation practice in Norway - public health care. Scandinavian Journal of Optometry and Visual Science, 2015, 8, 11-15.	0.5	0
871	Epidemiology and Clinical Significance of Ocular Infection. , 2016, , 1-11.		1
873	TINKLAINÄ–S ATÅOKOS RIZIKOS VEIKSNIAI PO KATARAKTOS OPERACIJŲ. Medicinos Teorija Ir Praktika, 2016, 22, 164-168.	0.0	0
874	Trends in ophthalmology journals: a five-year bibliometric analysis (2009-2013). International Journal of Ophthalmology, 2016, 9, 1669-1675.	0.5	15
875	Patient satisfaction and acceptance of spherical equivalent spectacles correction wear in rural India. Indian Journal of Ophthalmology, 2017, 65, 729.	0.5	1
876	PREVALENCE AND CAUSES OF BLINDNESS AMONG MACEDONIAN ADULT POPULATION. Journal of Special Education and Rehabilitation, 2017, 18, .	0.5	0
879	INCIDENCE OF OCULAR TRAUMA IN A TERTIARY HOSPITAL IN VISAKHAPATNAM. Journal of Evidence Based Medicine and Healthcare, 2017, 4, 3480-3484.	0.0	0
880	Genetic testing for Mendelian myopia. The EuroBiotech Journal, 2017, 1, 74-76.	0.5	0
881	Longitudinal Study on the Change of Myopia according to the Replacement Cycle of Eyeglass Lens in Myopic Children. The Korean Journal of Vision Science, 2017, 19, 465-474.	0.1	2
882	Vision quality and its association with cardiovascular diseases and chronic noncommunicable diseases in the population elderly. Profilakticheskaya Meditsina, 2018, 21, 111.	0.2	0
884	Prevalence of trachoma in the Kayes region of Mali eight years after stopping mass drug administration. PLoS Neglected Tropical Diseases, 2018, 12, e0006289.	1.3	2
885	Therapeutic Implications of Gymnadenia Orchidis Lindl Root Salep Against Induced-Diabetes. American Journal of PharmTech Research, 2018, 8, 263-281.	0.2	1

#	Article	IF	CITATIONS
887	Re-engineering the Hong Kong Quality of Life Questionnaire to Assess Cataract Surgery Outcomes. Journal of Refractive Surgery, 2018, 34, 413-418.	1.1	3
889	Prevalence and visual outcomes of cataract surgery and cataract surgical coverage in Sri Lanka: findings from the National Blindness and Visual Impairment Survey. Ceylon Medical Journal, 2018, 63, 18.	0.1	2
891	Study of the pharmacological impact of polymeric membranes with antibacterial effect in traumatic lesions of cornea. Research Results in Pharmacology, 2018, 4, 89-96.	0.3	1
892	Innovative Approaches in the Delivery of Eye Care: Cataract. Essentials in Ophthalmology, 2019, , 107-125.	0.0	1
894	Innovative Approaches in the Delivery of Eye Care: Refractive Errors (Including Presbyopia). Essentials in Ophthalmology, 2019, , 163-179.	0.0	0
895	A Hybrid Closed-loop Insulin Delivery System for the Treatment of Type I Diabetes. Pondicherry Journal of Nursing, 2019, 12, 25-27.	0.0	0
896	Rapid assessment of avoidable blindness in Kurdistan, Iran. Journal of Ophthalmic and Vision Research, 2019, 14, 179.	0.7	1
898	Epidemiology of Diabetic Retinopathy at Eye Clinic Svjetlost Sarajevo: Two Years Retrospective Single Center Study. Materia Socio-medica, 2019, 31, 290.	0.3	3
901	ANTIGLYCATION AND DPP-4 INGIBITION ACTIVITY OF NOVEL AZOLEAZINE-DERIVED COMPOUNDS. , 2019, 69, 79-82.		2
902	Patient-, Caregiver-, and Eye Care Professional-reported Burden of Geographic Atrophy Secondary to Age-related Macular Degeneration. American Journal of Ophthalmic Clinical Trials, 0, 2, 1.	0.0	4
903	Pattern of electrolyte imbalance in Type 2 diabetes patients: Experience from a tertiary care hospital. Pakistan Journal of Medical Sciences, 2019, 35, 797-801.	0.3	9
906	Prevalence, Incidence and Ecological Determinants of Diabetic Retinopathy in Iran: Systematic Review and Meta-analysis. Journal of Ophthalmic and Vision Research, 2019, 14, 321-335.	0.7	4
907	Fluctuaciones de presión intraocular en pacientes operados con implante de implantable collamer lens (ICL V4c). Seguimiento a 3 meses. Archivos De La Sociedad Espanola De Oftalmologia, 2019, 94, 367-376.	0.1	6
908	Newer Techniques in Vision Restoration and Rehabilitation. Current Practices in Ophthalmology, 2020, , 133-151.	0.1	1
913	DeepGF: Glaucoma Forecast Using the Sequential Fundus Images. Lecture Notes in Computer Science, 2020, , 626-635.	1.0	6
914	Laser Trabeculoplasty Perceptions and Practice Patterns of Canadian Ophthalmologists. Journal of Current Glaucoma Practice, 2020, 14, 81-86.	0.1	4
915	Numerical Computational Study of Photoacoustic Signals from Eye Models to Detect Diabetic Retinopathy. Open Biomedical Engineering Journal, 2020, 14, 11-19.	0.7	3
918	Genes Expressed in Steroid-exposed Lens Epithelial Cells as Revealed by Polymerase Chain Reaction. Journal of Korean Ophthalmological Society, 2020, 61, 472-481.	0.0	0

#	Article	IF	CITATIONS
921	Animal Models of LED-Induced Phototoxicity. Short- and Long-Term In Vivo and Ex Vivo Retinal Alterations. Life, 2021, 11, 1137.	1.1	4
922	Population Prevalence of Trachoma in Nine Rural Non-Indigenous Evaluation Units of Brazil. Ophthalmic Epidemiology, 2023, 30, 561-570.	0.8	6
923	The influence of alcohol intake in myopia development or progression: The SUN cohort study. Drug and Alcohol Dependence, 2021, 229, 109149.	1.6	3
924	Eye Health and Illuminated Screen Usage in the Arab World. , 2020, , 1-18.		0
925	An Automatic Ocular Disease Detection Scheme from Enhanced Fundus Images Based on Ensembling Deep CNN Networks. , 2020, , .		8
926	Analysis of Disability due to Diabetes Mellitus in a Large City. Electronic Journal of General Medicine, 2020, 18, em271.	0.3	0
927	Altered Expression of GJD2 Messenger RNA and the Coded Protein Connexin 36 in Negative Lens–induced Myopia of Guinea Pigs. Optometry and Vision Science, 2020, 97, 1080-1088.	0.6	3
929	The Relationship Between Depression and Quality of Life in Elderly Patients with Glaucoma. Progress in Health Sciences, 2020, 10, 55-64.	0.1	0
930	<p>Mid-Term Evaluation of iStent Inject[®] Trabecular Micro-Bypass Stent Implantation with or without Phacoemulsification: A Retrospective Study</p> . Clinical Ophthalmology, 2020, Volume 14, 4403-4413.	0.9	6
931	PARENTS' AWARENESS AND PERCEPTION OF CHILDREN'S REFRACTIVE ERROR. A QUALITATIVE STUDY. Malaysian Journal of Public Health Medicine, 2020, 20, 85-91.	0.1	2
932	Age-Related Macular Degeneration and Visual and Physical Disability in a Nationally Representative Sample from the United States. Translational Vision Science and Technology, 2020, 9, 42.	1.1	9
933	Detection of diabetic blindness with Deep-Learning. , 2020, , .		1
935	Influence of visual acuity level on sexual function in patients with cataract. Indian Journal of Ophthalmology, 2020, 68, 1579.	0.5	0
937	Correlation of Risk Factors with Severity of Diabetic Retinopathy - A Retrospective Study. Journal of Evolution of Medical and Dental Sciences, 2020, 09, 101-104.	0.1	1
938	Relationship between Angiogenic and Inflammatory Biomarkers and Diabetic Retinopathy. Open Journal of Ophthalmology, 2020, 10, 44-54.	0.1	0
939	The RPE in Myopia Development. , 2020, , 117-138.		2
940	Canadian opinions on refractive surgery and approaches to presbyopia correction. Journal of Current Ophthalmology, 2020, 32, 99.	0.3	0
941	Active Crowd Analysis for Pandemic Risk Mitigation for Blind or Visually Impaired Persons. Lecture Notes in Computer Science, 2020, , 422-439.	1.0	5

#	Article	IF	CITATIONS
942	The prevalence and predictors of refractive error among school children in Riyadh, Saudi Arabia. Saudi Journal of Ophthalmology, 2020, 34, 273.	0.3	2
943	Association of IGF1R polymorphisms (rs1546713) with susceptibility to age-related cataract in a Han Chinese population. International Journal of Ophthalmology, 2020, 13, 374-381.	0.5	2
944	Burden of eye conditions at a specialised eye hospital in KwaZulu-Natal, South Africa. African Vision and Eye Health, 2020, 79, .	0.1	0
945	Pupil steering holographic display for pre-operative vision screening of cataracts. Biomedical Optics Express, 2021, 12, 7752.	1.5	7
946	Association between choriocapillaris flow deficit and choroidal neovascularization activity in eyes with myopic choroidal neovascularization. Scientific Reports, 2021, 11, 21947.	1.6	0
947	Axial Length Elongation in Japanese Youth With Myopia. Eye and Contact Lens, 2021, 47, 104-107.	0.8	1
948	A Comprehensive Set of Novel Residual Blocks for Deep Learning Architectures for Diagnosis of Retinal Diseases from Optical Coherence Tomography Images. Advances in Intelligent Systems and Computing, 2021, , 25-48.	0.5	2
949	<p>High Prevalence of Clinically Active Trachoma and Its Associated Risk Factors Among Preschool-Aged Children in Arba Minch Health and Demographic Surveillance Site, Southern Ethiopia</p> . Clinical Ophthalmology, 2020, Volume 14, 3709-3718.	0.9	5
950	Segmentation of exudates in fundus images applying color mathematical morphology. , 2020, , .		2
951	Scleral gene expression during recovery from myopia compared with expression during myopia development in tree shrew. Molecular Vision, 2014, 20, 1643-59.	1.1	43
952	The uncorrected refractive error challenge. Community Eye Health Journal, 2014, 27, 74-5.	0.4	5
953	Diabetic retinopathy: intravitreal vascular endothelial growth factor inhibitors for diabetic macular oedema. Clinical Evidence, 2016, 2016, .	0.2	2
954	Pattern of refractive errors in Buraydah. How serious is the problem?. International Journal of Health Sciences, 2018, 12, 39-41.	0.4	0
955	An overview of the influence and design of biomaterial of the intraocular implant of the posterior capsule opacification. Romanian Journal of Ophthalmology, 2018, 62, 188-193.	0.4	5
956	Autosomal dominant nanophthalmos and high hyperopia associated with a C-terminal frameshift variant in. Molecular Vision, 2019, 25, 527-534.	1.1	14
957	Mechanism of human γD-crystallin protein aggregation in UV-C light. Molecular Vision, 2021, 27, 415-428.	1.1	0
958	Retinal Degeneration: Short-Term Options and Long-Term Vision for Future Therapy. Missouri Medicine, 2021, 118, 466-472.	0.3	0
959	Knowledge, attitude, and practice patterns and the purported reasons for delayed presentation of patients with sight-threatening diabetic retinopathy at a tertiary eyecare facility in Central India: A questionnaire-based study. Indian Journal of Ophthalmology, 2021, 69, 3118.	0.5	6

# 960	ARTICLE Exploring Consensus on Preventive Measures and Identification of Patients at Risk of Age-Related Macular Degeneration Using the Delphi Process. Journal of Clinical Medicine, 2021, 10, 5432.	IF 1.0	CITATIONS 2
961	Status of active trachoma infection among school children who live in villages of open field defecation: a comparative cross-sectional study. BMC Public Health, 2021, 21, 2051.	1.2	3
962	Refractive errors and risk factors for myopia in infants aged 1–18 months in Tianjin, China. BMC Ophthalmology, 2021, 21, 403.	0.6	7
963	The Impact of Clinical Atropine Use in Taiwanese Schoolchildren: Changes in Physiological Characteristics and Visual Functions. Children, 2021, 8, 1054.	0.6	4
964	PHD2 attenuates high-glucose-induced blood retinal barrier breakdown in human retinal microvascular endothelial cells by regulating the Hif-1α/VEGF pathway. Inflammation Research, 2022, 71, 69-79.	1.6	6
965	Attending a Sports Club Can Help Prevent Visual Impairment Caused by Cram School in Elementary School Children in Japan. International Journal of Environmental Research and Public Health, 2021, 18, 12440.	1.2	4
966	The Prevalence of Myopia in Children in Spain: An Updated Study in 2020. International Journal of Environmental Research and Public Health, 2021, 18, 12375.	1.2	13
967	Impact of muscle mass on blood glucose level. Journal of Basic and Clinical Physiology and Pharmacology, 2022, 33, 779-787.	0.7	1
968	Hybrid CNN-SVD Based Prominent Feature Extraction and Selection for Grading Diabetic Retinopathy Using Extreme Learning Machine Algorithm. IEEE Access, 2021, 9, 152261-152274.	2.6	30
969	Profile of sight-threatening diabetic retinopathy and its awareness among patients with diabetes mellitus attending a tertiary care center in Kashmir, India. Indian Journal of Ophthalmology, 2021, 69, 3123.	0.5	10
970	Screen-printed Ga2O3 thin film derived from liquid metal employed in highly sensitive pH and non-enzymatic glucose recognition. Materials Chemistry and Physics, 2022, 278, 125652.	2.0	9
971	Diabetes und Augenerkrankungen: Verharmlosung oder Entwarnung?. , 0, , .		0
972	α-Glucosidase Inhibitory and Antiradical Properties of Acacia macrostachya. European Journal of Medical and Health Sciences, 2020, 2, .	0.1	3
973	Elderly Patient's Understanding on Self-management of Diabetes Mellitus in Bahrain. , 2020, , .		0
974	Coriander Classification System Using Machine Learning Techniques. , 2020, , .		0
975	Implementation of Data Augmentation to Improve Performance CNN Method for Detecting Diabetic Retinopathy. , 2020, , .		8
976	Possible Correlation between Severity of Retinopathy and Blood Levels of miRNAs (-146, -21 and 34a) in Type 2 Diabetic Patients Benha Medical Journal, 2020, .	0.0	0
977	The role of concomitant immunosuppressants in impeding the progression of diabetic retinopathy: A pilot study. Indian Journal of Ophthalmology, 2021, 69, 3321.	0.5	1

#	Article	IF	CITATIONS
978	Occupational Exposure and Health in the Informal Sector: Fish Smoking in Coastal Ghana. Environmental Health Perspectives, 2022, 130, 17701.	2.8	2
979	Prevalence of Trachomatous Trichiasis in Ten Evaluation Units of Embu and Kitui Counties, Kenya. Ophthalmic Epidemiology, 2023, 30, 591-598.	0.8	6
980	Selection of experimental models mimicking human pathophysiology for diabetic microvascular complications. , 2022, , 137-177.		2
981	Higher-order aberrations and their association with axial elongation in highly myopic children and adolescents. British Journal of Ophthalmology, 2023, 107, 862-868.	2.1	3
982	Characterisation of progression of macular oedema in the initial stages of diabetic retinopathy: a 3-year longitudinal study. Eye, 2023, 37, 313-319.	1.1	3
983	Blindness and visual impairment in Central Europe. PLoS ONE, 2022, 17, e0261897.	1.1	13
984	The Effect of Sodium-Dependent Glucose Cotransporter 2 Inhibitor Tofogliflozin on Neurovascular Coupling in the Retina in Type 2 Diabetic Mice. International Journal of Molecular Sciences, 2022, 23, 1362.	1.8	13
985	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
986	Practising refraction in ophthalmology: instructive or outdated? A prospective study and literature review. Australasian journal of optometry, The, 2022, , 1-6.	0.6	1
987	Development and characterisation of a rat model that exhibits both metabolic dysfunction and neurodegeneration seen in type 2 diabetes. Journal of Physiology, 2022, , .	1.3	1
988	Diagnostic Markers and Molecular Dysregulation Mechanisms in the Retinal Pigmented Epithelium and Retina of Age-Related Macular Degeneration. Journal of Healthcare Engineering, 2022, 2022, 1-9.	1.1	1
989	Association of vision impairment and blindness with socioeconomic status in adults 50 years and older from Alto Amazonas, Peru. Eye, 2022, , .	1.1	0
990	Automatic Classification of Diabetic Retinopathy Through Segmentation Using CNN. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 99-112.	0.2	1
991	Relationship between death anxiety and health-related quality of life among diabetic patients: The predictive roles of experiential avoidance. Global Journal of Obesity, Diabetes and Metabolic Syndrome, 2021, 9, 011-019.	0.2	1
992	Comparison between Retinal Ophthalmoscopy Vs Fundus Photography with ETDRS Field for Clinical Screening of Diabetic Retinopahty. Journal of Evolution of Medical and Dental Sciences, 2022, 11, 141-146.	0.1	0
993	Beneficial Effect of Long-Term Administration of Supplement With Trapa Bispinosa Roxb. and Lutein on Retinal Neurovascular Coupling in Type 2 Diabetic Mice. Frontiers in Physiology, 2022, 13, 788034.	1.3	4
994	Age-Related Macular Degeneration and Cardiovascular Diseases: Revisiting the Common Soil Theory. Asia-Pacific Journal of Ophthalmology, 2022, 11, 94-99.	1.3	11
996	Association between Neurodegeneration and Macular Perfusion in the Progression of Diabetic Retinopathy: A 3-Year Longitudinal Study. Ophthalmologica, 2022, 245, 335-341.	1.0	4

#	Article	IF	CITATIONS
997	miR-381-3p Cooperated With Hes1 to Regulate the Proliferation and Differentiation of Retinal Progenitor Cells. Frontiers in Cell and Developmental Biology, 2022, 10, 853215.	1.8	2
998	DİYABETİK RETİNOPATİ TESPİTİ İÇİN ATOM ARAMA OPTİMİZASYONU İLE ÖZELLİK SEÇİ	Mİ YÃ-N	ITEMİ., O,
999	Causal Associations of Thyroid Function and Age-Related Macular Degeneration: A Two-Sample Mendelian Randomization Study. American Journal of Ophthalmology, 2022, , .	1.7	6
1000	Predictive factors for postoperative visual acuity improvement with ICL-V4c for ultrahigh myopia above â~` 10 D. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 3107-3114.	1.0	2
1001	Incidence of myopic shift and related factors in young Chinese adults. Australasian journal of optometry, The, 2023, 106, 422-426.	0.6	2
1002	Coronavirus disease 2019 outbreak and associated public health measures increase the progression of myopia among children and adolescents: Evidence synthesis. Ophthalmic and Physiological Optics, 2022, 42, 744-752.	1.0	13
1003	Determining the role of SGLT2 inhibition with Empagliflozin in the development of diabetic retinopathy. Bioscience Reports, 2022, 42, .	1.1	20
1004	The effect of age-related macular degeneration on cognitive test performance. Scientific Reports, 2022, 12, 4033.	1.6	3
1005	Evaluation of knowledge, barriers, and attitudes in the management of type 2 diabetes in elderly patients: A Delphi study on primary and hospital care. Revista Clínica Espanõla, 2022, , .	0.3	0
1006	Gut microbiome and diabetic retinopathy. European Journal of Ophthalmology, 2022, 32, 2494-2497.	0.7	6
1007	Prevalence of Trachoma in 72 Districts of Afghanistan in 2018â^'2019: Results of 35 Population-based Prevalence Surveys. Ophthalmic Epidemiology, 2022, , 1-11.	0.8	2
1008	Association between Dietary Calcium and Potassium and Diabetic Retinopathy: A Cross-Sectional Retrospective Study. Nutrients, 2022, 14, 1086.	1.7	5
1009	The Effect of Diet and Lifestyle on the Course of Diabetic Retinopathy—A Review of the Literature. Nutrients, 2022, 14, 1252.	1.7	24
1010	Femtosecond laser-assisted cataract surgery after corneal refractive surgery. Scientific Reports, 2022, 12, 4263.	1.6	0
1011	Peripapillary vessel density correlates with visual field mean sensitivity in highly myopic eyes. Journal of Translational Medicine, 2022, 20, 119.	1.8	6
1012	Incident cases of vision impairment and blindness among adult foreign-born and Swedish-born individuals: A national Swedish study. European Journal of Ophthalmology, 2022, , 112067212210907.	0.7	0
1013	Female gender: A significant barrier to access cataract surgery in rural Gurugram, Haryana, India. British Journal of Visual Impairment, 2023, 41, 687-694.	0.5	0
1014	Evaluation of antioxidative enzymes levels and lipid peroxidation products levels in diabetic and non diabetic senile cataract patients. Journal of Diabetes and Metabolic Disorders, 2022, 21, 697-705.	0.8	0

#	Article	IF	CITATIONS
1015	<i>GLRA2</i> gene mutations cause high myopia in humans and mice. Journal of Medical Genetics, 2023, 60, 193-203.	1.5	5
1016	Automated detection of myopic maculopathy from color fundus photographs using deep convolutional neural networks. Eye and Vision (London, England), 2022, 9, 13.	1.4	14
1017	Early Neural Changes as Underlying Pathophysiological Mechanism in Diabetic Retinopathy. International Journal of Translational Medicine, 2022, 2, 1-16.	0.1	1
1018	Self-Management Nursing Intervention for Controlling Glucose among Diabetes: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 12750.	1.2	15
1019	Vitamin D Deficiency Is Significantly Associated with Retinopathy in Type 2 Diabetes Mellitus: A Case-Control Study. Nutrients, 2022, 14, 84.	1.7	8
1020	Therapeutic Potential of Resveratrol in Diabetic Nephropathy According to Molecular Signaling. Current Molecular Pharmacology, 2022, 15, 716-735.	0.7	12
1021	Are There Different Viewpoints About the Management of Type 2 Diabetes Mellitus and Comorbidities? A Multidisciplinary Spanish Qualitative Research. Diabetes Therapy, 2022, 13, 189-203.	1.2	2
1022	Progression of myopia in teenagers and adults: a nationwide longitudinal study of a prevalent cohort. British Journal of Ophthalmology, 2023, 107, 644-649.	2.1	5
1023	Optical Coherence Tomography Angiography in Type 1 Diabetes Mellitus—Report 2: Diabetic Kidney Disease. Journal of Clinical Medicine, 2022, 11, 197.	1.0	5
1024	Microvascular Complications, Peripheral Artery Disease and Mortality in Patients with Type 2 Diabetes Mellitus, in Two Counties of Southern Lithuania over 13 Years: Analysis Using a Cohort Database of the National Health Insurance. Medicina (Lithuania), 2021, 57, 1380.	0.8	3
1025	Efficacy and safety of non-penetrating glaucoma surgery with phacoemulsification versus non-penetrating glaucoma surgery: a Meta-analysis. International Journal of Ophthalmology, 2021, 14, 1970-1978.	0.5	3
1026	Health professionals' views of the first national GP payment scheme for structured type 2 diabetes care in Ireland: a qualitative study. HRB Open Research, 0, 4, 128.	0.3	0
1027	The Association of Sleep Duration With Vision Impairment in Middle-Aged and Elderly Adults: Evidence From the China Health and Retirement Longitudinal Study. Frontiers in Medicine, 2021, 8, 778117.	1.2	3
1028	The Many Faces of G Protein-Coupled Receptor 143, an Atypical Intracellular Receptor. Frontiers in Molecular Biosciences, 2022, 9, 873777.	1.6	3
1029	Retinal microglia: Functions and diseases. Immunology, 2022, 166, 268-286.	2.0	24
1030	A study to find out the effect of honey bee venom in treating newly developed diabetes. International Journal of Health Sciences, 0, , 2966-2971.	0.0	0
1031	Brain activities of streptozotocin-induced diabetic Wistar rats treated with gliclazide: Behavioural, biochemical and histomorphology studies. IBRO Neuroscience Reports, 2022, 12, 271-279.	0.7	0
1036	Diabetic retinopathy and its effect on quality of life: An original research. Journal of Pharmacy and Bioallied Sciences, 2021, 13, 1365.	0.2	3

ARTICLE IF CITATIONS Portable hardware & amp; software technologies for addressing ophthalmic health disparities: A 1037 0.9 3 systematic review. Digital Health, 2022, 8, 205520762210900. Low Vision, Vision Disability, and Blindness., 2022, , 4945-4957. 1040 Pathologic Myopia., 2022, , 3705-3717. 0 The associations between health-related physical fitness and fasting blood glucose in war veterans: a 1041 population-based study. Scientific Reports, 2022, 12, 6997. Nerve Growth Factor Promotes Retinal Neurovascular Unit Repair: A Review. Current Eye Research, 1042 0.7 5 2022, 47, 1095-1105. Prevalence and correlates of vision impairment and its association with cognitive impairment among 1043 0.8 older adults in India: a cross-sectional study. BMJ Open, 2022, 12, e054230. Vision-related quality of life in patients with glaucoma: the role of illness perceptions. Health and 1044 1.0 2 Quality of Life Outcomes, 2022, 20, 78. Angiotensinâ€converting enzyme inhibitors and risk of ageâ€related macular degeneration in individuals 1045 1.1 with hypertension. British Journal of Clinical Pharmacology, 2022, , . Osteopontin-induced vascular hyperpermeability through tight junction disruption in diabetic retina. 1046 7 1.2 Experimental Eye Research, 2022, 220, 109094. Applying supervised contrastive learning for the detection of diabetic retinopathy and its severity 1047 44 levels from fundus images. Computers in Biology and Medicine, 2022, 146, 105602. Associations of Children's Close Reading Distance and Time Spent Indoors with Myopia, Based on 1048 3 0.6 Parental Questionnaire. Children, 2022, 9, 632. Validation of an autonomous artificial intelligence–based diagnostic system for holistic maculopathy screening in a routine occupational health checkup context. Graefe's Archive for Clinical and 1049 1.0 Experimental Ophthalmology, 2022, 260, 3255-3265. Association of monocyte-lymphocyte ratio and proliferative diabetic retinopathy in the U.S. 1050 1.8 8 population with type 2 diabetes. Journal of Translational Medicine, 2022, 20, 219. The Effect of Hyperlipidemia on the Course of Diabetic Retinopathyâ€"Literature Review. Journal of 1.0 Clinical Medicine, 2022, 11, 2761. Diabetic Retinopathy Detection Using Machine Learning. Journal of Innovative Image Processing, 2022, 1052 29 2.6 4, 26-33. Texture Attention Network for Diabetic Retinopathy Classification. IEEE Access, 2022, 10, 55522-55532. The effects of vitamin E on non-proliferative diabetic retinopathy in type 2 diabetes mellitus: Are they 1054 0.7 5 sustainable with 12 months of therapy. SAGE Open Medicine, 2022, 10, 205031212210953. A Comprehensive Review of Deep Learning Strategies in Retinal Disease Diagnosis Using Fundus Images. 19 IEEE Access, 2022, 10, 57796-57823.

#	Article	IF	CITATIONS
1056	Long-term trends in incidence and prevalence of severe sight impairment due to diabetes in South East Scotland before and after implementation of diabetic retinopathy screening. British Journal of Visual Impairment, 2023, 41, 737-748.	0.5	0
1057	Comparison of the biometric parameters in patients with high myopia and anisometropia. BMC Ophthalmology, 2022, 22, .	0.6	1
1058	Three-Dimensional Multi-Task Deep Learning Model to Detect Glaucomatous Optic Neuropathy and Myopic Features From Optical Coherence Tomography Scans: A Retrospective Multi-Centre Study. Frontiers in Medicine, 0, 9, .	1.2	8
1059	Functional and Structural Ophthalmic Imaging using Photoacoustic Remote Sensing and Optical Coherence Tomography. , 2022, , .		0
1060	Investigation of the Role of Convolutional Neural Network Architectures in the Diagnosis of Glaucoma using Color Fundus Photography. Türk Oftalmoloji Dergisi, 2022, 52, 193-200.	0.4	5
1061	Transconjunctival XEN45 Implantation for Glaucoma Performed at the Slit Lamp: A Pilot Study. Journal of Glaucoma, 2022, 31, 675-681.	0.8	2
1062	Advances in visual prostheses: engineering and biological challenges. Progress in Biomedical Engineering, 2022, 4, 032003.	2.8	17
1064	Retrospective analysis of OCT parameters after intravitreal anti-VEGF inhibitors in neovascular AMD patients in a real-world setting. International Ophthalmology, 0, , .	0.6	1
1065	The prevalence and causes of pediatric uncorrected refractive error: Pooled data from population studies for Global Burden of Disease (GBD) sub-regions. PLoS ONE, 2022, 17, e0268800.	1.1	6
1066	Reduced brain subcortical volumes in patients with glaucoma: a pilot neuroimaging study using the region-of-interest-based approach. BMC Neurology, 2022, 22, .	0.8	2
1067	Effects of neferine on retinal tissue in experimental diabetic rat model. International Ophthalmology, 2023, 43, 249-260.	0.6	1
1068	Epidemiology of diabetes in Iran: A scoping review of studies published during 2015–2019. Journal of Diabetes and Metabolic Disorders, 0, , .	0.8	1
1069	Primary Open-Angle Glaucoma Diagnosis from Optic Disc Photographs Using a Siamese Network. Ophthalmology Science, 2022, 2, 100209.	1.0	4
1070	Within-Trial Cost-Effectiveness of an Adherence-Enhancing Educational Intervention for Glaucoma. American Journal of Ophthalmology, 2022, 244, 216-227.	1.7	3
1071	An investigation into the causes of abnormal waste of Ortho-K lenses. Frontiers in Public Health, 0, 10, .	1.3	0
1072	Effect of refractive status on retinal nerve fiber layer thickness in Chinese Population. Graefe's Archive for Clinical and Experimental Ophthalmology, 0, , .	1.0	0
1073	Automated diagnosing primary open-angle glaucoma from fundus image by simulating human's grading with deep learning. Scientific Reports, 2022, 12, .	1.6	15
1074	Glaucoma Medication Adherence One Year After the Support, Educate, Empower (SEE) Personalized Glaucoma Coaching Program. Ophthalmology Glaucoma, 2022, , .	0.9	0

#	Article	IF	CITATIONS
1076	Femtosecond laser-assisted arcuate keratotomy for the management of corneal astigmatism in patients undergoing cataract surgery: Comparison with conventional cataract surgery. Frontiers in Medicine, 0, 9, .	1.2	1
1077	Pharmacokinetic and pharmacodynamic similarity evaluation between an insulin glargine biosimilar product and Lantus® in healthy subjects: Pharmacokinetic parameters of both parent insulin glargine and M1 were used as endpoints. Frontiers in Pharmacology, 0, 13, .	1.6	2
1078	Understanding them to understand ourselves: The importance of NHP research for translational neuroscience. Current Research in Neurobiology, 2022, 3, 100049.	1.1	8
1079	An Ecologic Study of Trends in the Prevalence of Myopia in Chinese Adults in Singapore Born from the 1920s to 1980s. Annals of the Academy of Medicine, Singapore, 2017, 46, 229-236.	0.2	25
1080	Current concepts in the management of childhood myopia. Indian Journal of Ophthalmology, 2022, 70, 2800.	0.5	8
1081	A Cross-sectional survey on workplace-related difficulties among glaucomatous personnel in aviation maintenance tasks. Journal of Marine Medical Society, 2022, 24, 171.	0.0	0
1082	Effect of atropine 0.01% on progression of myopia. Indian Journal of Ophthalmology, 2022, 70, 3373.	0.5	2
1083	Red light irradiation as an intervention for myopia. Indian Journal of Ophthalmology, 2022, 70, 3198.	0.5	5
1084	Evaluation of Vision-Related Quality of Life After Unilateral Implantation of a New Trifocal Intraocular Lens. Beyoglu Eye Journal, 2022, , .	0.1	0
1085	Smart Healthcare System for Early Diabetic Retinopathy Detection. , 2022, , .		0
1086	Detection of Diabetic Retinopathy in Retinal Fundus Images Using CNN Classification Models. Electronics (Switzerland), 2022, 11, 2740.	1.8	14
1087	Hypothyroidism has a protective causal association with hepatocellular carcinoma: A two-sample Mendelian randomization study. Frontiers in Endocrinology, 0, 13, .	1.5	7
1088	Atm inhibition decreases lens opacity in a rat model of galactose-induced cataract. PLoS ONE, 2022, 17, e0274735.	1.1	3
1089	Correlation between higher-order aberration and photophobia after cataract surgery. PLoS ONE, 2022, 17, e0274705.	1.1	0
1090	Identify diabetic retinopathy-related clinical concepts and their attributes using transformer-based natural language processing methods. BMC Medical Informatics and Decision Making, 2022, 22, .	1.5	1
1092	Assessment of Executive Function in a rodent model of Type 1 Diabetes. Behavioural Brain Research, 2022, , 114130.	1.2	0
1093	Secular trends in the prevalence, incidence, and progression of diabetic retinopathy: the Hisayama Study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2023, 261, 641-649.	1.0	3
1095	WHO Vision 2020: Have We Done It?. Ophthalmic Epidemiology, 2023, 30, 331-339.	0.8	10

#	Article	IF	CITATIONS
1096	Health economics and manual small-incision cataract surgery: An illustrative mini review. Indian Journal of Ophthalmology, 2022, 70, 3765.	0.5	2
1097	Approaches for Detection of Diabetic Retinopathy: A Review. Lecture Notes on Data Engineering and Communications Technologies, 2023, , 201-212.	0.5	1
1098	Effective refractive error coverage in adults aged 50 years and older: estimates from population-based surveys in 61 countries. The Lancet Global Health, 2022, 10, e1754-e1763.	2.9	8
1099	Geospatial analysis of blindness within rural and urban counties. PLoS ONE, 2022, 17, e0275807.	1.1	0
1100	Patient and parent perceptions of myopia modalities. Contact Lens and Anterior Eye, 2022, , 101772.	0.8	0
1101	Prevalence of diabetic retinopathy in the Eastern Mediterranean Region: a systematic review and meta-analysis. Journal of International Medical Research, 2022, 50, 030006052211171.	0.4	4
1102	ROLE OF ATROPINE 0.01% DROPS FOR CONTROLLING PROGRESSION OF MYOPIA IN CHILDREN., 2022, , 11-13.		0
1103	Pharmacist-Managed Diabetic Retinopathy in Hispanic/LatinX Population. Journal of Pharmacy Practice, 2024, 37, 383-390.	0.5	0
1104	A multi-feature deep learning system to enhance glaucoma severity diagnosis with high accuracy and fast speed. Journal of Biomedical Informatics, 2022, 136, 104233.	2.5	6
1105	Addressing the myopia epidemic. The Optician, 2017, 2017, 166228-1.	0.0	0
1106	A Systematic Review of Transfer Learning-Based Approaches for Diabetic Retinopathy Detection. Gazi University Journal of Science, 2023, 36, 1140-1157.	0.6	3
1107	Lipid profile and future risk of exudative age-related macular degeneration development: a nationwide cohort study from South Korea. Scientific Reports, 2022, 12, .	1.6	2
1110	The number of examinations required for the accurate prediction of the progression of the central 10-degree visual field test in glaucoma. Scientific Reports, 2022, 12, .	1.6	2
1111	Epidemiology, health policy and public health implications of visual impairment and age-related eye diseases in mainland China. Frontiers in Public Health, 0, 10, .	1.3	4
1112	The relationship between myopia and near work, time outdoors and socioeconomic status in children and adolescents. BMC Public Health, 2022, 22, .	1.2	13
1113	Multi-scale Multi-structure Siamese Network (MMSNet) forÂPrimary Open-Angle Glaucoma Prediction. Lecture Notes in Computer Science, 2022, , 436-445.	1.0	1
1114	The Prevalence and Causes of Low Vision and Visual Impairment in School-Aged Children: The Shiraz Pediatric Eye Study. Journal of Current Ophthalmology, 2022, 34, 333.	0.3	0
1115	Protective effects of <i>Lycium barbarum</i> L. berry extracts against oxidative stress-induced damage of the retina of aging mouse and ARPE-19 cells. Food and Function, 2023, 14, 399-412.	2.1	6

#	Article	IF	CITATIONS
1117	DEF-Net: A Dual-Encoder Fusion Network for Fundus Retinal Vessel Segmentation. Electronics (Switzerland), 2022, 11, 3810.	1.8	4
1118	The role of artificial intelligence in analysis of biofluid markers for diagnosis and management of glaucoma: A systematic review. European Journal of Ophthalmology, 2023, 33, 1816-1833.	0.7	3
1119	Transfer Learning-Based Methodology for Diabetic Retinopathy Screening. Lecture Notes in Networks and Systems, 2023, , 65-75.	0.5	0
1120	Detection of trachoma using machine learning approaches. PLoS Neglected Tropical Diseases, 2022, 16, e0010943.	1.3	2
1121	Classification of diabetic retinopathy stages based on neural networks. Sistemnyj Analiz I Prikladnaâ Informatika, 2022, , 12-21.	0.1	0
1122	Effect of intravitreal dexamethasone implant in treatment-naive and previously-treated patients with diabetic macular edema. European Journal of Ophthalmology, 2023, 33, 1147-1155.	0.7	0
1125	Burden of Diabetes Mellitus in Nepal: An Analysis of Global Burden of Disease Study 2019. Journal of Diabetes Research, 2022, 2022, 1-15.	1.0	3
1126	Synergistic effects of defocus-incorporated multiple segments and atropine in slowing the progression of myopia. Scientific Reports, 2022, 12, .	1.6	7
1127	Molecular Genomics of Glaucoma: An Update. , 0, , .		0
1128	The Efficacy, Safety, and Satisfaction Associated with Switching from Brinzolamide or Brimonidine to Brinzolamide/Brimonidine in Open-Angle Glaucoma Patients. Journal of Personalized Medicine, 2022, 12, 2057.	1.1	2
1129	Iridotomy to slow progression of visual field loss in angle-closure glaucoma. The Cochrane Library, 2023, 2023, .	1.5	2
1130	STUDY OF THE EFFECT OF NEUROPROTECTIVE THERAPY ON THE FUNCTIONAL STATE OF EYES IN PATIENTS WITH LOW-PRESSURE GLAUCOMA. Bulletin of Problems Biology and Medicine, 2023, 1, 210.	0.0	0
1131	Myopia and Near Work: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2023, 20, 875.	1.2	15
1132	Analysis of Diabetic Retinopathy (DR) Based on the Deep Learning. Information (Switzerland), 2023, 14, 30.	1.7	12
1133	Effect of 0.02% and 0.01% atropine on ocular biometrics: A two-year clinical trial. Frontiers in Pediatrics, 0, 11, .	0.9	0
1134	Impact of clinico-biochemical variations on the etiopathogenesis of cataract: a case-control study. Journal of Circulating Biomarkers, 0, 12, 1-11.	0.8	0
1135	Rare variant analyses across multiethnic cohorts identify novel genes for refractive error. Communications Biology, 2023, 6, .	2.0	2
1136	Polymorphisms in TRIB2 and CAPRIN2 Genes Contribute to the Susceptibility to High Myopia-Induced Cataract in Han Chinese Population. Medical Science Monitor, 0, 29, .	0.5	0

#	Article	IF	Citations
1137	Improvement of Retinal Vessel Segmentation Method Based on U-Net. Electronics (Switzerland), 2023, 12, 262.	1.8	3
1138	The sirtuin family in health and disease. Signal Transduction and Targeted Therapy, 2022, 7, .	7.1	115
1139	Development and Testing of a Compact Autorefractor Based on Double-Pass Imaging. Sensors, 2023, 23, 362.	2.1	1
1140	Relationship Between Glycosylated Hemoglobin Levels and Contrast Sensitivity in People with Type 2 Diabetes Mellitus Without Diabetic Retinopathy. Türk Oftalmoloji Dergisi, 2022, 52, 394-399.	0.4	1
1141	A qualitative study on gender barriers to access cataract surgery in rural Gurugram, Haryana, India. British Journal of Visual Impairment, 2024, 42, 61-70.	0.5	0
1142	Trend of myopia through different interventions from 2010 to 2050: Findings from Eastern Chinese student surveillance study. Frontiers in Medicine, 0, 9, .	1.2	4
1143	The Role of Multifocal Intraocular Lens Implantation in Extreme Axial Myopia: A Case Report and Literature Review. Cureus, 2023, , .	0.2	0
1144	Training With Simulated Scotoma Leads to Behavioral Improvements Through at Least Two Distinct Mechanisms. , 2023, 64, 14.		1
1145	Quality of life in patients with glaucoma using the Glaucoma Quality of Life-15 Questionnaire. Journal of Clinical Ophthalmology and Research, 2023, 11, 3.	0.1	0
1146	RADIATION DOSE OF THE EYE LENS IN CT EXAMINATIONS OF THE BRAIN IN CLINICAL PRACTICEâ€"THE EFFECT OF RADIOGRAPHER TRAINING TO OPTIMISE GANTRY TILT AND SCAN LENGTH. Radiation Protection Dosimetry, 2023, 199, 391-398.	0.4	4
1147	VEGF Genotype and Allele Frequency of Diabetes Mellitus and Diabetic retinopathy in Lahore, Pakistan. , 0, , 11-14.		0
1148	Knowledge, attitude, and practice of childhood myopia among Indian optometrists: A questionnaire-based study. Indian Journal of Ophthalmology, 2023, 71, 951.	0.5	1
1149	A Fast and Efficient Methods for Eye Pre-processing and DR Level Detection. Lecture Notes in Networks and Systems, 2023, , 45-53.	0.5	0
1150	Application of Machine Learning Predictive Models for Early Detection of Glaucoma Using Real World Data. Applied Sciences (Switzerland), 2023, 13, 2445.	1.3	4
1151	miR-124-3p regulates the proliferation and differentiation of retinal progenitor cells through SEPT10. Cell and Tissue Research, 2023, 392, 689-704.	1.5	1
1152	The prevention and management of postoperative trachomatous trichiasis: A systematic review. Survey of Ophthalmology, 2024, 69, 93-102.	1.7	0
1153	Effects of Resveratrol on Vascular Function in Retinal Ischemia-Reperfusion Injury. Antioxidants, 2023, 12, 853.	2.2	5
1154	Re: Improving the patient decision making experience for cataract surgery during the COVID-19 era. Canadian Journal of Ophthalmology, 2023, 58, 505.	0.4	0

#	Article	IF	Citations
1155	Long-term variability of human health-related solar ultraviolet-B radiation doses from the 1980s to the end of the 21st century. Physiological Reviews, 2023, 103, 1789-1826.	13.1	3
1156	The Injection Practice Patterns of Retina Specialists in Managing Exudative Age-Related Macular Degeneration: A Retrospective Study. Clinical Ophthalmology, 0, Volume 17, 375-383.	0.9	0
1157	Deep Learning-Based System for Disease Screening and Pathologic Region Detection From Optical Coherence Tomography Images. Translational Vision Science and Technology, 2023, 12, 29.	1.1	2
1158	Visual acuity and causes of central visual loss in the adult Danish population 2020–2022. Results from the <scp>FORSYN</scp> study. Acta Ophthalmologica, 2023, 101, 504-513.	0.6	1
1159	Microvascular Alterations of Peripapillary Choriocapillaris in Young Adult High Myopia Detected by Optical Coherence Tomography Angiography. Journal of Personalized Medicine, 2023, 13, 289.	1.1	0
1160	Improving populationâ€level refractive error monitoring via mixture distributions. Ophthalmic and Physiological Optics, 2023, 43, 445-453.	1.0	0
1161	Exudate identification in retinal fundus images using precise textural verifications. Scientific Reports, 2023, 13, .	1.6	2
1162	Potential environmental effect of reducing the variation of disposable materials used for cataract surgery. Journal of Cataract and Refractive Surgery, 2023, 49, 628-634.	0.7	0
1163	Cataract services for all: Strategies for equitable access from a global modified Delphi process. PLOS Global Public Health, 2023, 3, e0000631.	0.5	2
1164	The Comparison of Soft HydroCone (Toris K) Silicone Hydrogel and Rigid Gas-Permeable Contact Lenses in Patients With Posterior Microphthalmos. Eye and Contact Lens, 2023, 49, 168-171.	0.8	0
1165	Central Corneal Thickness of Diabetic Patients in Yaoundé: Case Control Study. Open Journal of Ophthalmology, 2023, 13, 136-142.	0.1	0
1166	Myopia control and prevention: From lifestyle to lowâ€concentration atropine. The 2022 Josh Wallman Memorial Lecture. Ophthalmic and Physiological Optics, 2023, 43, 299-310.	1.0	3
1167	Using deep leaning models to detect ophthalmic diseases: A comparative study. Frontiers in Medicine, 0, 10, .	1.2	0
1168	The Support, Educate, Empower personalized glaucoma coaching trial design. Clinical Trials, 2023, 20, 192-200.	0.7	0
1169	Benchmarking State-of-the-Art Methodologies forÂOptic Disc Segmentation. Lecture Notes in Networks and Systems, 2023, , 1-12.	0.5	0
1170	Treat-and-extend dosing of intravitreal anti-VEGF agents in neovascular age-related macular degeneration: a meta-analysis. Eye, 2023, 37, 2855-2863.	1.1	1
1171	Are wearable electronic vision enhancement systems (wEVES) beneficial for people with ageâ€related macular degeneration? A scoping review. Ophthalmic and Physiological Optics, 0, , .	1.0	1
1172	Nationwide Rapid Assessment of Avoidable Blindness (RAAB) in Armenia. Ophthalmic Epidemiology, 2024, 31, 62-69.	0.8	2

#	Article	IF	CITATIONS
1173	A Smart Service System for Spatial Intelligence and Onboard Navigation for Individuals with Visual Impairment (VIS4ION Thailand): study protocol of a randomized controlled trial of visually impaired students at the Ratchasuda College, Thailand. Trials, 2023, 24, .	0.7	4
1174	Longitudinal Analysis of Eye Health Disparities Due to Trachoma Using Country-Level Data from the Global Burden of Disease Study 2019. Ophthalmic Epidemiology, 0, , 1-7.	0.8	0
1175	Using Patient Profiles for Sustained Diabetes Management Among People With Type 2 Diabetes. Preventing Chronic Disease, 0, 20, .	1.7	1
1176	Refractive errors among medical students in Jordan: prevalence, types and possible risk factors. Future Science OA, 2023, 9, .	0.9	1
1177	The use of Nicotinamide and Nicotinamide riboside as an adjunct therapy in the treatment of glaucoma. European Journal of Ophthalmology, 0, , 112067212311611.	0.7	1
1178	Comparison between Intraocular Pressure Profiles over 24 and 48 h in the Management of Glaucoma. Journal of Clinical Medicine, 2023, 12, 2247.	1.0	0
1179	Development and validation of a routine blood parameters-based model for screening the occurrence of retinal detachment in high myopia in the context of PPPM. EPMA Journal, 2023, 14, 219-233.	3.3	2
1180	Longitudinal choroidal thickness changes among Chinese young adults with various refractive errors. Frontiers in Medicine, 0, 10, .	1.2	0
1181	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. BMC Public Health, 2023, 23, .	1.2	0
1182	Epidemiologie der Linsenchirurgie. , 2023, , 5-6.		0
1183	Carotid body: an emerging target for cardiometabolic coâ€morbidities. Experimental Physiology, 2023, 108, 661-671.	0.9	0
1184	hsa-mir-(4328, 4422, 548z and -628-5p) in diabetic retinopathy: diagnosis, prediction and linking a new therapeutic target. Acta Diabetologica, 2023, 60, 929-942.	1.2	2
1185	Diabetic retinopathy screening integrated in a multidisciplinary diabetes care clinic: a pilot project. Canadian Journal of Ophthalmology, 2023, , .	0.4	0
1186	Association Between Social Determinants of Health and Examination-Based Vision Loss vs Self-reported Vision Measures. JAMA Ophthalmology, 2023, 141, 468.	1.4	8
1187	MAC-Leonets-A novel optimized hybrid convolutional neural networks for the segmentation and diagnosis of Edema diseases using retinal OCT images. Journal of Intelligent and Fuzzy Systems, 2023, 44, 10605-10620.	0.8	2
1188	A multi-level fine-tuned deep learning based approach for binary classification of diabetic retinopathy. Chemometrics and Intelligent Laboratory Systems, 2023, 237, 104820.	1.8	1
1189	Global trends and performances in diabetic retinopathy studies: A bibliometric analysis. Frontiers in Public Health, 0, 11, .	1.3	6
1204	The Relationship Between Nearsightedness and Forward Head Posture. , 2023, , 557-564.		0

#	Article	IF	Citations
1206	Ophthalmic Disease in Diabetes. , 2023, , 877-889.		0
1225	Deep Learning Approach for Detection of Diabetic Retinopathy. , 2023, , .		3
1226	Retinal Biomarkers for Detecting Diabetic Retinopaty Using Smartphone-Based Deep Learning Frameworks. , 2023, , .		0
1230	Les dispositifs médicaux dans la prise en charge du patient en ophtalmologie. , 2023, , 301-310.		0
1262	Severity Grading of Diabetic Retinopathy Using CNN. , 2023, , .		0
1266	Understanding Visual Impairments. Advances in Educational Technologies and Instructional Design Book Series, 2023, , 150-169.	0.2	0
1269	Anti-VEGF Drugs in Age-Related Macular Degeneration: A Focus on Dosing Regimen-Related Safety and Efficacy. Drugs and Aging, 2023, 40, 991-1007.	1.3	0
1281	Advance Detection of Diabetic Retinopathy: Deep Learning Approach. Communications in Computer and Information Science, 2024, , 64-77.	0.4	0
1287	Modified EfficientNetB3 Deep Learning Model to Classify Colour Fundus Images of Eye Diseases. , 2023, ,		0
1288	Detection of Glaucoma and Diabetic Retinopathy Using Fundus Images and Deep Learning. , 2023, , .		0
1289	Optical method of investigating eye diseases and system for diagnosing diabetic retinopathy. , 2023, , .		0
1302	Ultra-precision machining of optics. , 2024, , .		0
1310	Fundus images classification for Diabetic Retinopathy using machine learning technique. , 2023, , .		0
1313	Das RPE in der Myopie-Entwicklung. , 2024, , 129-153.		0
1315	Fractal Phototherapy in Maximizing Retina and Brain Plasticity. Advances in Neurobiology, 2024, ,	1.3	0

^{.315} 585-637.