

Ching-Yu Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4749360/publications.pdf>

Version: 2024-02-01

545
papers

50,208
citations

5876

81
h-index

2439

197
g-index

567
all docs

567
docs citations

567
times ranked

56739
citing authors

#	ARTICLE	IF	CITATIONS
1	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , 2017, 390, 2627-2642.	6.3	5,010
2	Global Prevalence of Glaucoma and Projections of Glaucoma Burden through 2040. <i>Ophthalmology</i> , 2014, 121, 2081-2090.	2.5	4,514
3	Global prevalence of age-related macular degeneration and disease burden projection for 2020 and 2040: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , 2014, 2, e106-e116.	2.9	3,277
4	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1923-1994.	6.3	3,269
5	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19.1 million participants. <i>Lancet, The</i> , 2017, 389, 37-55.	6.3	1,667
6	Development and Validation of a Deep Learning System for Diabetic Retinopathy and Related Eye Diseases Using Retinal Images From Multiethnic Populations With Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 2211.	3.8	1,442
7	Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. <i>Lancet, The</i> , 2021, 398, 957-980.	6.3	1,289
8	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	13.7	952
9	Seven new loci associated with age-related macular degeneration. <i>Nature Genetics</i> , 2013, 45, 433-439.	9.4	687
10	Global Prevalence of Diabetic Retinopathy and Projection of Burden through 2045. <i>Ophthalmology</i> , 2021, 128, 1580-1591.	2.5	680
11	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	9.4	549
12	Prevalence of dry eye among an elderly Chinese population in Taiwan. <i>Ophthalmology</i> , 2003, 110, 1096-1101.	2.5	534
13	Trends in prevalence of blindness and distance and near vision impairment over 30 years: an analysis for the Global Burden of Disease Study. <i>The Lancet Global Health</i> , 2021, 9, e130-e143.	2.9	500
14	Choroidal vascularity index as a measure of vascular status of the choroid: Measurements in healthy eyes from a population-based study. <i>Scientific Reports</i> , 2016, 6, 21090.	1.6	468
15	Superpixel Classification Based Optic Disc and Optic Cup Segmentation for Glaucoma Screening. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1019-1032.	5.4	456
16	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , 2013, 45, 314-318.	9.4	398
17	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. <i>JAMA Oncology</i> , 2017, 3, 636.	3.4	376
18	Genome-wide association studies identify four ER negative–specific breast cancer risk loci. <i>Nature Genetics</i> , 2013, 45, 392-398.	9.4	374

#	ARTICLE	IF	CITATIONS
19	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016, 48, 1171-1184.	9.4	362
20	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	13.7	353
21	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017, 14, e1002383.	3.9	341
22	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
23	Reduced Neutrophil Count in People of African Descent Is Due To a Regulatory Variant in the Duffy Antigen Receptor for Chemokines Gene. <i>PLoS Genetics</i> , 2009, 5, e1000360.	1.5	335
24	Prevalence and causes of visual impairment in an elderly Chinese population in Taiwan ¹¹ The authors have no proprietary interest in any aspect of the study.. <i>Ophthalmology</i> , 2004, 111, 62-69.	2.5	310
25	Incidence and progression of diabetic retinopathy: a systematic review. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 140-149.	5.5	299
26	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , 2015, 47, 1282-1293.	9.4	294
27	Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , 2020, 582, 240-245.	13.7	282
28	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. <i>Nature Genetics</i> , 2013, 45, 155-163.	9.4	269
29	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
30	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.	9.4	250
31	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019, 570, 71-76.	13.7	248
32	Logistic regression was as good as machine learning for predicting major chronic diseases. <i>Journal of Clinical Epidemiology</i> , 2020, 122, 56-69.	2.4	245
33	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018, 50, 834-848.	9.4	239
34	Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. <i>Lancet</i> , 2020, 396, 1511-1524.	6.3	219
35	Genome-wide analyses identify 68 new loci associated with intraocular pressure and improve risk prediction for primary open-angle glaucoma. <i>Nature Genetics</i> , 2018, 50, 778-782.	9.4	214
36	Artificial Intelligence to Detect Papilledema from Ocular Fundus Photographs. <i>New England Journal of Medicine</i> , 2020, 382, 1687-1695.	13.9	214

#	ARTICLE	IF	CITATIONS
37	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
38	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. <i>Nature Genetics</i> , 2014, 46, 1126-1130.	9.4	212
39	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. <i>Nature Genetics</i> , 2016, 48, 189-194.	9.4	211
40	The Age-Specific Prevalence of Myopia in Asia. <i>Optometry and Vision Science</i> , 2015, 92, 258-266.	0.6	201
41	State of science: Choroidal thickness and systemic health. <i>Survey of Ophthalmology</i> , 2016, 61, 566-581.	1.7	198
42	Genome-wide association analyses identify three new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , 2012, 44, 1142-1146.	9.4	196
43	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. <i>Nature Communications</i> , 2021, 12, 1258.	5.8	196
44	Age of onset of myopia predicts risk of high myopia in later childhood in myopic Singapore children. <i>Ophthalmic and Physiological Optics</i> , 2016, 36, 388-394.	1.0	194
45	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
46	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015, 6, 5897.	5.8	173
47	Kidney and eye diseases: common risk factors, etiological mechanisms, and pathways. <i>Kidney International</i> , 2014, 85, 1290-1302.	2.6	172
48	Refractive Errors in an Elderly Chinese Population in Taiwan: The Shihpai Eye Study. , 2003, 44, 4630.		162
49	Glaucoma in Asia: regional prevalence variations and future projections. <i>British Journal of Ophthalmology</i> , 2016, 100, 78-85.	2.1	160
50	Deep Whole-Genome Sequencing of 100 Southeast Asian Malays. <i>American Journal of Human Genetics</i> , 2013, 92, 52-66.	2.6	153
51	New loci and coding variants confer risk for age-related macular degeneration in East Asians. <i>Nature Communications</i> , 2015, 6, 6063.	5.8	147
52	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , 2016, 48, 556-562.	9.4	147
53	Forecasting the burden of type 2 diabetes in Singapore using a demographic epidemiological model of Singapore. <i>BMJ Open Diabetes Research and Care</i> , 2014, 2, e000012.	1.2	142
54	Prevalence of Refractive Errors in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Disease Study. , 2013, 54, 2590.		140

#	ARTICLE	IF	CITATIONS
55	Nine Loci for Ocular Axial Length Identified through Genome-wide Association Studies, Including Shared Loci with Refractive Error. <i>American Journal of Human Genetics</i> , 2013, 93, 264-277.	2.6	139
56	Retinal Nerve Fiber Layer Thickness in Unilateral Amblyopia. , 2004, 45, 2224.		138
57	Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. <i>Human Molecular Genetics</i> , 2017, 26, 1770-1784.	1.4	135
58	Four Novel Loci (19q13, 6q24, 12q24, and 5q14) Influence the Microcirculation In Vivo. <i>PLoS Genetics</i> , 2010, 6, e1001184.	1.5	134
59	A deep-learning system for the assessment of cardiovascular disease risk via the measurement of retinal-vessel calibre. <i>Nature Biomedical Engineering</i> , 2021, 5, 498-508.	11.6	131
60	A deep learning algorithm to detect chronic kidney disease from retinal photographs in community-based populations. <i>The Lancet Digital Health</i> , 2020, 2, e295-e302.	5.9	130
61	Exome chip meta-analysis identifies novel loci and East Asian-specific coding variants that contribute to lipid levels and coronary artery disease. <i>Nature Genetics</i> , 2017, 49, 1722-1730.	9.4	129
62	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. <i>Cell</i> , 2019, 179, 736-749.e15.	13.5	126
63	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400.	2.6	123
64	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics.. <i>Human Molecular Genetics</i> , 2017, 26, ddw399.	1.4	120
65	Epidemiologic study of age-related cataracts among an elderly chinese population in Shih-Pai, Taiwan. <i>Ophthalmology</i> , 2003, 110, 1089-1095.	2.5	119
66	Association of Ocular Dominance and Anisometropic Myopia. , 2004, 45, 2856.		118
67	Prevalence and Associated Risk Factors of Age-Related Macular Degeneration in an Elderly Chinese Population in Taiwan: The Shihpai Eye Study. , 2008, 49, 3126.		114
68	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. <i>Nature Genetics</i> , 2017, 49, 993-1004.	9.4	114
69	Plasma Metabonomic Profiling of Diabetic Retinopathy. <i>Diabetes</i> , 2016, 65, 1099-1108.	0.3	113
70	Visual Impairment, Age-Related Eye Diseases, and Cognitive Function. <i>JAMA Ophthalmology</i> , 2012, 130, 895-900.	2.6	112
71	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019, 51, 636-648.	9.4	112
72	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , 2018, 27, 1486-1496.	1.4	111

#	ARTICLE	IF	CITATIONS
73	Association of the Y402H Polymorphism in Complement Factor H Gene and Neovascular Age-Related Macular Degeneration in Chinese Patients. , 2006, 47, 3242.		110
74	Association between Symptoms and Signs of Dry Eye among an Elderly Chinese Population in Taiwan: The Shihpai Eye Study. , 2005, 46, 1593.		109
75	Gene-Age Interactions in Blood Pressure Regulation: A Large-Scale Investigation with the CHARGE, Global BPgen, and ICBP Consortia. American Journal of Human Genetics, 2014, 95, 24-38.	2.6	109
76	Identification of new susceptibility loci for IgA nephropathy in Han Chinese. Nature Communications, 2015, 6, 7270.	5.8	109
77	Insights into the Genetic Architecture of Early Stage Age-Related Macular Degeneration: A Genome-Wide Association Study Meta-Analysis. PLoS ONE, 2013, 8, e53830.	1.1	108
78	Retinal ganglion cell neuronal damage in diabetes and diabetic retinopathy. Clinical and Experimental Ophthalmology, 2016, 44, 243-250.	1.3	108
79	Determinants of Quantitative Optic Nerve Measurements Using Spectral Domain Optical Coherence Tomography in a Population-Based Sample of Non-glaucomatous Subjects. , 2011, 52, 9629.		107
80	A common variant near TGFBR3 is associated with primary open angle glaucoma. Human Molecular Genetics, 2015, 24, 3880-3892.	1.4	105
81	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. Human Molecular Genetics, 2015, 24, 1791-1800.	1.4	105
82	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. Nature Communications, 2016, 7, 11008.	5.8	104
83	Cortical cerebral microinfarcts on 3T MRI. Neurology, 2016, 87, 1583-1590.	1.5	101
84	The Prevalence and Types of Glaucoma in an Urban Chinese Population. JAMA Ophthalmology, 2015, 133, 874.	1.4	100
85	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. Nature Genetics, 2015, 47, 387-392.	9.4	97
86	Ethnic Differences in the Prevalence and Risk Factors of Diabetic Retinopathy. Ophthalmology, 2018, 125, 529-536.	2.5	97
87	Genetic Variants on Chromosome 1q41 Influence Ocular Axial Length and High Myopia. PLoS Genetics, 2012, 8, e1002753.	1.5	95
88	Quantitative assessment of retinal thickness in diabetic patients with and without clinically significant macular edema using optical coherence tomography. Acta Ophthalmologica, 2001, 79, 266-270.	0.4	94
89	Genome-wide association study of Parkinson's disease in East Asians. Human Molecular Genetics, 2017, 26, ddw379.	1.4	94
90	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	1.1	94

#	ARTICLE	IF	CITATIONS
91	Deep-learning-based cardiovascular risk stratification using coronary artery calcium scores predicted from retinal photographs. <i>The Lancet Digital Health</i> , 2021, 3, e306-e316.	5.9	93
92	Prevalence, Risk Factors, and Impact of Myopic Macular Degeneration on Visual Impairment and Functioning Among Adults in Singapore. , 2018, 59, 4603.		92
93	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. <i>Nature Communications</i> , 2014, 5, 4883.	5.8	89
94	Prevalence and Associated Risk Factors of Myopic Maculopathy in Elderly Chinese: The Shihpai Eye Study. , 2012, 53, 4868.		85
95	Determinants of Anterior Chamber Depth: The Singapore Chinese Eye Study. <i>Ophthalmology</i> , 2012, 119, 1143-1150.	2.5	85
96	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	1.6	85
97	Myopia incidence and lifestyle changes among school children during the COVID-19 pandemic: a population-based prospective study. <i>British Journal of Ophthalmology</i> , 2022, 106, 1772-1778.	2.1	84
98	Prediction of systemic biomarkers from retinal photographs: development and validation of deep-learning algorithms. <i>The Lancet Digital Health</i> , 2020, 2, e526-e536.	5.9	83
99	Prevalence, Racial Variations, and Risk Factors of Age-Related Macular Degeneration in Singaporean Chinese, Indians, and Malays. <i>Ophthalmology</i> , 2014, 121, 1598-1603.	2.5	80
100	Choroidal thickness and high myopia: a case-control study of young Chinese men in Singapore. <i>Acta Ophthalmologica</i> , 2015, 93, e585-92.	0.6	80
101	Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. <i>Scientific Reports</i> , 2016, 6, 25853.	1.6	80
102	Myopia and Age-Related Cataract: A Systematic Review and Meta-analysis. <i>American Journal of Ophthalmology</i> , 2013, 156, 1021-1033.e1.	1.7	79
103	Ethnic Differences of Intraocular Pressure and Central Corneal Thickness. <i>Ophthalmology</i> , 2014, 121, 2013-2022.	2.5	78
104	Retinal photograph-based deep learning algorithms for myopia and a blockchain platform to facilitate artificial intelligence medical research: a retrospective multicohort study. <i>The Lancet Digital Health</i> , 2021, 3, e317-e329.	5.9	78
105	Admixture Mapping of 15,280 African Americans Identifies Obesity Susceptibility Loci on Chromosomes 5 and X. <i>PLoS Genetics</i> , 2009, 5, e1000490.	1.5	78
106	Fine-Scale Mapping of the 5q11.2 Breast Cancer Locus Reveals at Least Three Independent Risk Variants Regulating MAP3K1. <i>American Journal of Human Genetics</i> , 2015, 96, 5-20.	2.6	76
107	Characterization of Choroidal Morphologic and Vascular Features in Young Men With High Myopia Using Spectral-Domain Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , 2017, 177, 27-33.	1.7	75
108	<i>BRCA2</i> Hypomorphic Missense Variants Confer Moderate Risks of Breast Cancer. <i>Cancer Research</i> , 2017, 77, 2789-2799.	0.4	75

#	ARTICLE	IF	CITATIONS
109	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , 2018, 9, 5052.	5.8	75
110	Prevalence, Risk Factors, and Visual Features of Undiagnosed Glaucoma. <i>JAMA Ophthalmology</i> , 2015, 133, 938.	1.4	74
111	Distribution and Determinants of Choroidal Thickness and Volume Using Automated Segmentation Software in a Population-Based Study. <i>American Journal of Ophthalmology</i> , 2015, 159, 293-301.e3.	1.7	73
112	HDL-cholesterol levels and risk of age-related macular degeneration: a multiethnic genetic study using Mendelian randomization. <i>International Journal of Epidemiology</i> , 2017, 46, 1891-1902.	0.9	73
113	Telehealth Demand Trends During the COVID-19 Pandemic in the Top 50 Most Affected Countries: Infodemiological Evaluation. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e24445.	1.2	73
114	Incidence of Eyelid Cancers in Taiwan. <i>Ophthalmology</i> , 2006, 113, 2101-2107.	2.5	72
115	Meta-analysis of Genome-Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. <i>Genetic Epidemiology</i> , 2015, 39, 207-216.	0.6	72
116	Prevalence and risk factors for epiretinal membrane: the Singapore Epidemiology of Eye Disease study. <i>British Journal of Ophthalmology</i> , 2017, 101, bjophthalmol-2016-308563.	2.1	72
117	Visual impairment in a Taiwanese population: Prevalence, causes, and socioeconomic factors. <i>Ophthalmic Epidemiology</i> , 2001, 8, 339-350.	0.8	70
118	African Ancestry and Its Correlation to Type 2 Diabetes in African Americans: A Genetic Admixture Analysis in Three U.S. Population Cohorts. <i>PLoS ONE</i> , 2012, 7, e32840.	1.1	70
119	Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. <i>Nature Communications</i> , 2015, 6, 6689.	5.8	70
120	Identification of four novel variants that influence central corneal thickness in multi-ethnic Asian populations. <i>Human Molecular Genetics</i> , 2012, 21, 437-445.	1.4	69
121	ABCC5, a Gene That Influences the Anterior Chamber Depth, Is Associated with Primary Angle Closure Glaucoma. <i>PLoS Genetics</i> , 2014, 10, e1004089.	1.5	68
122	A missense variant in FGD6 confers increased risk of polypoidal choroidal vasculopathy. <i>Nature Genetics</i> , 2016, 48, 640-647.	9.4	68
123	Determinants of Angle Width in Chinese Singaporeans. <i>Ophthalmology</i> , 2012, 119, 278-282.	2.5	67
124	Myopia, Axial Length, and Age-Related Cataract: The Singapore Malay Eye Study. , 2013, 54, 4498.		67
125	Prevalence and determinants of undiagnosed diabetic retinopathy and vision-threatening retinopathy in a multiethnic Asian cohort: the Singapore Epidemiology of Eye Diseases (SEED) study. <i>British Journal of Ophthalmology</i> , 2015, 99, 1614-1621.	2.1	66
126	Ancestry, Socioeconomic Status, and Age-Related Cataract in Asians. <i>Ophthalmology</i> , 2015, 122, 2169-2178.	2.5	65

#	ARTICLE	IF	CITATIONS
127	Singapore Indian Eye Studyâ€²: methodology and impact of migration on systemic and eye outcomes. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 779-789.	1.3	65
128	Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. <i>International Journal of Epidemiology</i> , 2018, 47, 872-883i.	0.9	65
129	Factors Predicting Intraocular Pressure Control After Phacoemulsification in Angle-Closure Glaucoma. <i>JAMA Ophthalmology</i> , 2006, 124, 1390.	2.6	64
130	Myopic Maculopathy and Optic Disc Changes in Highly Myopic Young Asian Eyes and Impact on Visual Acuity. <i>American Journal of Ophthalmology</i> , 2016, 164, 69-79.	1.7	64
131	Association of Diabetic Retinopathy and Diabetic Kidney Disease With All-Cause and Cardiovascular Mortality in a Multiethnic Asian Population. <i>JAMA Network Open</i> , 2019, 2, e191540.	2.8	64
132	Intraocular Pressure Measured With a Noncontact Tonometer in an Elderly Chinese Population. <i>JAMA Ophthalmology</i> , 2005, 123, 381.	2.6	63
133	Comparing methods for performing trans-ethnic meta-analysis of genome-wide association studies. <i>Human Molecular Genetics</i> , 2013, 22, 2303-2311.	1.4	63
134	Genome-Wide Association Study Meta-Analysis Reveals Transethnic Replication of Mean Arterial and Pulse Pressure Loci. <i>Hypertension</i> , 2013, 62, 853-859.	1.3	63
135	Education influences the association between genetic variants and refractive error: a meta-analysis of five Singapore studies. <i>Human Molecular Genetics</i> , 2014, 23, 546-554.	1.4	63
136	Peripapillary Choroidal Thickness in Young Asians With High Myopia. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 1475-1481.	3.3	63
137	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. <i>Nature Communications</i> , 2018, 9, 1864.	5.8	63
138	Determinants of Macular Thickness Using Spectral Domain Optical Coherence Tomography in Healthy Eyes: The Singapore Chinese Eye Study. , 2013, 54, 7968.		62
139	Multiple Nonglycemic Genomic Loci Are Newly Associated With Blood Level of Glycated Hemoglobin in East Asians. <i>Diabetes</i> , 2014, 63, 2551-2562.	0.3	61
140	Clinical characteristics and factors associated the outcome of lacrimal canaliculitis. <i>Acta Ophthalmologica</i> , 2011, 89, 759-763.	0.6	60
141	Genome-wide association study identifies ZFH1B as a susceptibility locus for severe myopia. <i>Human Molecular Genetics</i> , 2013, 22, 5288-5294.	1.4	59
142	Genetic Determinants of Age-Related Macular Degeneration in Diverse Populations From the PAGE Study. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 6839-6850.	3.3	59
143	Power Vector Analysis of Refractive, Corneal, and Internal Astigmatism in an Elderly Chinese Population: The Shihpai Eye Study. , 2011, 52, 9651.		58
144	Oxidative Stress Change by Systemic Corticosteroid Treatment Among Patients Having Active Graves Ophthalmopathy. <i>JAMA Ophthalmology</i> , 2007, 125, 1652.	2.6	57

#	ARTICLE	IF	CITATIONS
145	The Prevalence and Types of Glaucoma in an Urban Indian Population: The Singapore Indian Eye Study. , 2013, 54, 4621.		57
146	Body Mass Index and Age-Related Cataract. JAMA Ophthalmology, 2005, 123, 1109.	2.6	55
147	Determinants of Long-term Intraocular Pressure After Phacoemulsification in Primary Angle-closure Glaucoma. Journal of Glaucoma, 2011, 20, 566-570.	0.8	54
148	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. Diabetes, 2019, 68, 441-456.	0.3	54
149	Deep learning in estimating prevalence and systemic risk factors for diabetic retinopathy: a multi-ethnic study. Npj Digital Medicine, 2019, 2, 24.	5.7	53
150	Deep learning in glaucoma with optical coherence tomography: a review. Eye, 2021, 35, 188-201.	1.1	53
151	Changes in intraocular pressure and ocular perfusion pressure after latanoprost 0.005% or brimonidine tartrate 0.2% in normal-tension glaucoma patients. Ophthalmology, 2002, 109, 2241-2247.	2.5	52
152	Effects of stress and social support on postpartum health of Chinese mothers in the United States. Research in Nursing and Health, 2009, 32, 582-591.	0.8	52
153	Effects of prenatal maternal mental distress on birth outcomes. Women and Birth, 2016, 29, 376-380.	0.9	52
154	Body mass index and retinopathy in Asian populations with diabetes mellitus. Acta Diabetologica, 2015, 52, 73-80.	1.2	51
155	Fine-scale mapping of 8q24 locus identifies multiple independent risk variants for breast cancer. International Journal of Cancer, 2016, 139, 1303-1317.	2.3	51
156	Relationship of Estimated GFR and Albuminuria to Concurrent Laboratory Abnormalities: An Individual Participant Data Meta-analysis in a Global Consortium. American Journal of Kidney Diseases, 2019, 73, 206-217.	2.1	49
157	Cohort Profile: The Singapore Epidemiology of Eye Diseases study (SEED). International Journal of Epidemiology, 2021, 50, 41-52.	0.9	49
158	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. Nature Communications, 2021, 12, 3505.	5.8	49
159	Retinal Nerve Fiber Layer Thickness in a Multiethnic Normal Asian Population. Ophthalmology, 2019, 126, 702-711.	2.5	49
160	Retinal vascular geometry and 6-year incidence and progression of diabetic retinopathy. Diabetologia, 2017, 60, 1770-1781.	2.9	48
161	Hypertension, blood pressure control and diabetic retinopathy in a large population-based study. PLoS ONE, 2020, 15, e0229665.	1.1	48
162	A Global Shape Index to Characterize Anterior Lamina Cribrosa Morphology and Its Determinants in Healthy Indian Eyes. , 2015, 56, 3604.		47

#	ARTICLE	IF	CITATIONS
163	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2017, 46, 1882-1890.	0.9	47
164	A Low-Frequency Inactivating <i>AKT2</i> Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017, 66, 2019-2032.	0.3	47
165	Increased Burden of Vision Impairment and Eye Diseases in Persons with Chronic Kidney Disease – A Population-Based Study. <i>EBioMedicine</i> , 2016, 5, 193-197.	2.7	46
166	The Bidirectional Relationship between Vision and Cognition. <i>Ophthalmology</i> , 2021, 128, 981-992.	2.5	46
167	Correctable Visual Impairment in an Elderly Chinese Population in Taiwan: The Shihpai Eye Study. , 2007, 48, 1032.		44
168	Admixture Mapping of Obesity-Related Traits in African Americans: The Atherosclerosis Risk in Communities (ARIC) Study. <i>Obesity</i> , 2010, 18, 563-572.	1.5	44
169	Retinal Vascular Imaging Markers and Incident Chronic Kidney Disease: A Prospective Cohort Study. <i>Scientific Reports</i> , 2017, 7, 9374.	1.6	44
170	Early Retinal Arteriolar Changes and Peripheral Neuropathy in Diabetes. <i>Diabetes Care</i> , 2012, 35, 1098-1104.	4.3	43
171	Association of Systemic Medication Use With Intraocular Pressure in a Multiethnic Asian Population. <i>JAMA Ophthalmology</i> , 2017, 135, 196.	1.4	43
172	Automatic Grading of Nuclear Cataracts from Slit-Lamp Lens Images Using Group Sparsity Regression. <i>Lecture Notes in Computer Science</i> , 2013, 16, 468-475.	1.0	43
173	Visual acuity and contrast sensitivity in different types of posterior capsule opacification. <i>Journal of Cataract and Refractive Surgery</i> , 2001, 27, 1055-1060.	0.7	42
174	Associations between chronic systemic diseases and primary open angle glaucoma: an epidemiological perspective. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 24-32.	1.3	42
175	Customized Consensus Spectral Library Building for Untargeted Quantitative Metabolomics Analysis with Data Independent Acquisition Mass Spectrometry and MetaboDIA Workflow. <i>Analytical Chemistry</i> , 2017, 89, 4897-4906.	3.2	42
176	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021, 99, 926-939.	2.6	42
177	Does Genetic Ancestry Explain Higher Values of Glycated Hemoglobin in African Americans?. <i>Diabetes</i> , 2011, 60, 2434-2438.	0.3	41
178	Prevalence and Risk Factors for Age-Related Macular Degeneration in Indians: A Comparative Study in Singapore and India. <i>American Journal of Ophthalmology</i> , 2013, 155, 764-773.e3.	1.7	41
179	DETAILED CHARACTERIZATION OF CHOROIDAL MORPHOLOGIC AND VASCULAR FEATURES IN AGE-RELATED MACULAR DEGENERATION AND POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , 2017, 37, 2269-2280.	1.0	41
180	Inter-relationship between ocular perfusion pressure, blood pressure, intraocular pressure profiles and primary open-angle glaucoma: the Singapore Epidemiology of Eye Diseases study. <i>British Journal of Ophthalmology</i> , 2018, 102, 1402-1406.	2.1	41

#	ARTICLE	IF	CITATIONS
181	Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. <i>ELife</i> , 2021, 10, .	2.8	41
182	Whole-exome sequencing implicates UBE3D in age-related macular degeneration in East Asian populations. <i>Nature Communications</i> , 2015, 6, 6687.	5.8	40
183	The development and psychometric testing of a theory-based instrument to evaluate nurses'™ perception of clinical reasoning competence. <i>Journal of Advanced Nursing</i> , 2016, 72, 707-717.	1.5	40
184	Prevalence and Determinants of Suboptimal Vitamin D Levels in a Multiethnic Asian Population. <i>Nutrients</i> , 2017, 9, 313.	1.7	40
185	Deep Learning Approach for Automated Detection of Myopic Maculopathy and Pathologic Myopia in Fundus Images. <i>Ophthalmology Retina</i> , 2021, 5, 1235-1244.	1.2	40
186	Myopia and Cognitive Dysfunction: The Singapore Malay Eye Study. , 2013, 54, 799.		39
187	Impact of Visual Impairment and Eye diseases on Mortality: the Singapore Malay Eye Study (SiMES). <i>Scientific Reports</i> , 2015, 5, 16304.	1.6	39
188	CCDC102B confers risk of low vision and blindness in high myopia. <i>Nature Communications</i> , 2018, 9, 1782.	5.8	39
189	Association Between Visual Impairment and Decline in Cognitive Function in a Multiethnic Asian Population. <i>JAMA Network Open</i> , 2020, 3, e203560.	2.8	39
190	Corneal Status in Primary Angle-closure Glaucoma With a History of Acute Attack. <i>Journal of Glaucoma</i> , 2012, 21, 12-16.	0.8	38
191	Determinants of Optical Coherence Tomography-derived Minimum Neuroretinal Rim Width in a Normal Chinese Population. , 2015, 56, 3337.		38
192	Systemic hypertension associated retinal microvascular changes can be detected with optical coherence tomography angiography. <i>Scientific Reports</i> , 2020, 10, 9580.	1.6	38
193	Jugular Venous Reflux Affects Ocular Venous System in Transient Monocular Blindness. <i>Cerebrovascular Diseases</i> , 2010, 29, 122-129.	0.8	37
194	Assessment of Iris Surface Features and Their Relationship with Iris Thickness in Asian Eyes. <i>Ophthalmology</i> , 2014, 121, 1007-1012.	2.5	37
195	Association of Vision Impairment and Major Eye Diseases With Mobility and Independence in a Chinese Population. <i>JAMA Ophthalmology</i> , 2016, 134, 1087.	1.4	37
196	The effects of a deliberate practice program on nursing students' perception of clinical competence. <i>Nurse Education Today</i> , 2013, 33, 358-363.	1.4	36
197	Characterisation of choroidal morphological and vascular features in diabetes and diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2017, 101, 1038-1044.	2.1	36
198	Prevalence and causes of vision loss in East Asia in 2015: magnitude, temporal trends and projections. <i>British Journal of Ophthalmology</i> , 2020, 104, 616-622.	2.1	36

#	ARTICLE	IF	CITATIONS
199	Artificial Intelligence for Cataract Detection and Management. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020, 9, 88-95.	1.3	36
200	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. <i>Science Advances</i> , 2021, 7, .	4.7	36
201	Visual Impairment and Falls in the Elderly: The Shihpai Eye Study. <i>Journal of the Chinese Medical Association</i> , 2008, 71, 467-472.	0.6	35
202	Genome-Wide Meta-Analysis of Five Asian Cohorts Identifies PDGFRA as a Susceptibility Locus for Corneal Astigmatism. <i>PLoS Genetics</i> , 2011, 7, e1002402.	1.5	35
203	Racial Differences in Retinal Vessel Geometric Characteristics: A Multiethnic Study in Healthy Asians. , 2013, 54, 3650.		35
204	Meta-analysis of genome-wide association studies in multiethnic Asians identifies two loci for age-related nuclear cataract. <i>Human Molecular Genetics</i> , 2014, 23, 6119-6128.	1.4	35
205	Association of Common SIX6 Polymorphisms With Peripapillary Retinal Nerve Fiber Layer Thickness: The Singapore Chinese Eye Study. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 478-483.	3.3	35
206	Shared genetic variants for polypoidal choroidal vasculopathy and typical neovascular age-related macular degeneration in East Asians. <i>Journal of Human Genetics</i> , 2017, 62, 1049-1055.	1.1	35
207	Pathways-Driven Sparse Regression Identifies Pathways and Genes Associated with High-Density Lipoprotein Cholesterol in Two Asian Cohorts. <i>PLoS Genetics</i> , 2013, 9, e1003939.	1.5	34
208	Prevalence, Risk Factors, and Impact of Undiagnosed Visually Significant Cataract: The Singapore Epidemiology of Eye Diseases Study. <i>PLoS ONE</i> , 2017, 12, e0170804.	1.1	34
209	Prevalence and Pattern of Geographic Atrophy in Asia. <i>Ophthalmology</i> , 2020, 127, 1371-1381.	2.5	34
210	Diagnosis of Diabetes Mellitus Using HbA1c in Asians: Relationship Between HbA1c and Retinopathy in a Multiethnic Asian Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 689-696.	1.8	33
211	Shape Changes of the Anterior Lamina Cribrosa in Normal, Ocular Hypertensive, and Glaucomatous Eyes Following Acute Intraocular Pressure Elevation. , 2016, 57, 4869.		33
212	Falls and Recurrent Falls among Adults in A Multi-ethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>Scientific Reports</i> , 2018, 8, 7575.	1.6	33
213	Big Data in Ophthalmology. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020, 9, 291-298.	1.3	33
214	The Global Extent of Undetected Glaucoma in Adults. <i>Ophthalmology</i> , 2021, 128, 1393-1404.	2.5	33
215	Development and clinical deployment of a smartphone-based visual field deep learning system for glaucoma detection. <i>Npj Digital Medicine</i> , 2020, 3, 123.	5.7	32
216	Do we have enough ophthalmologists to manage vision-threatening diabetic retinopathy? A global perspective. <i>Eye</i> , 2020, 34, 1255-1261.	1.1	32

#	ARTICLE	IF	CITATIONS
217	Increased response to oxidative stress challenge in Graves' ophthalmopathy orbital fibroblasts. <i>Molecular Vision</i> , 2011, 17, 2782-8.	1.1	32
218	Overlap Between Common Genetic Polymorphisms Underpinning Kidney Traits and Cardiovascular Disease Phenotypes: The CKDGen Consortium. <i>American Journal of Kidney Diseases</i> , 2013, 61, 889-898.	2.1	31
219	Relationship Between Retinal Vascular Geometry With Retinal Nerve Fiber Layer and Ganglion Cell-Inner Plexiform Layer in Nonglaucomatous Eyes. , 2013, 54, 7309.		31
220	Six-Year Incidence of Age-Related Macular Degeneration in Asian Malays. <i>Ophthalmology</i> , 2017, 124, 1305-1313.	2.5	31
221	Association Between the Severity of Diabetic Retinopathy and Falls in an Asian Population With Diabetes. <i>JAMA Ophthalmology</i> , 2017, 135, 1410.	1.4	31
222	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017, 4, 170179.	2.4	31
223	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019, 28, 2615-2633.	1.4	31
224	MMP20 and ARMS2/HTRA1 Are Associated with Neovascular Lesion Size in Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2015, 122, 2295-2302.e2.	2.5	30
225	Differential effect of body mass index on the incidence of diabetes and diabetic retinopathy in two Asian populations. <i>Nutrition and Diabetes</i> , 2018, 8, 16.	1.5	30
226	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019, 92, .	1.5	30
227	Understanding diagnostic disagreement in angle closure assessment between anterior segment optical coherence tomography and gonioscopy. <i>British Journal of Ophthalmology</i> , 2020, 104, 795-799.	2.1	30
228	The associations of objectively measured sleep duration and sleep disturbances with diabetic retinopathy. <i>Diabetes Research and Clinical Practice</i> , 2020, 159, 107967.	1.1	30
229	Bilateral neurotrophic keratopathy complicating vidian neurectomy. <i>American Journal of Ophthalmology</i> , 2001, 132, 106-108.	1.7	29
230	How Much Eye Care Services Do Asian Populations Need? Projection from the Singapore Epidemiology of Eye Disease (SEED) Study. , 2013, 54, 2171.		29
231	Sectoral variations of iridocorneal angle width and iris volume in Chinese Singaporeans: a swept-source optical coherence tomography study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2014, 252, 1127-1132.	1.0	29
232	Joint Effects of Intraocular Pressure and Myopia on Risk of Primary Open-Angle Glaucoma: The Singapore Epidemiology of Eye Diseases Study. <i>Scientific Reports</i> , 2016, 6, 19320.	1.6	29
233	Systemic, Ocular and Genetic Risk Factors for Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Singaporeans. <i>Scientific Reports</i> , 2017, 7, 41386.	1.6	29
234	Association between diabetic retinopathy and incident cognitive impairment. <i>British Journal of Ophthalmology</i> , 2019, 103, 1605-1609.	2.1	29

#	ARTICLE	IF	CITATIONS
235	Inter-relationship between ageing, body mass index, diabetes, systemic blood pressure and intraocular pressure in Asians: 6-year longitudinal study. <i>British Journal of Ophthalmology</i> , 2019, 103, 196-202.	2.1	29
236	Profiles of Ganglion Cell-Inner Plexiform Layer Thickness in a Multi-Ethnic Asian Population. <i>Ophthalmology</i> , 2020, 127, 1064-1076.	2.5	29
237	Aggregate Effects of Intraocular Pressure and Cup-to-Disc Ratio Genetic Variants on Glaucoma in a Multiethnic Asian Population. <i>Ophthalmology</i> , 2015, 122, 1149-1157.	2.5	28
238	Factors influencing the pupillary light reflex in healthy individuals. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1353-1359.	1.0	28
239	Novel Genetic Loci Associated With Retinal Microvascular Diameter. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 45-54.	5.1	28
240	Genome-wide association study identifies a missense variant at APOA5 for coronary artery disease in Multi-Ethnic Cohorts from Southeast Asia. <i>Scientific Reports</i> , 2017, 7, 17921.	1.6	28
241	Associations between sleep duration, sleep quality and diabetic retinopathy. <i>PLoS ONE</i> , 2018, 13, e0196399.	1.1	28
242	Decrease in Choroidal Vascularity Index of Haller's layer in diabetic eyes precedes retinopathy. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001295.	1.2	28
243	New digital models of care in ophthalmology, during and beyond the COVID-19 pandemic. <i>British Journal of Ophthalmology</i> , 2022, 106, 452-457.	2.1	28
244	Coordinated Genetic Scaling of the Human Eye: Shared Determination of Axial Eye Length and Corneal Curvature. <i>Ophthalmology</i> , 2013, 54, 1715.		27
245	Ethnic Variation in Central Corneal Refractive Power and Steep Cornea in Asians. <i>Ophthalmic Epidemiology</i> , 2014, 21, 99-105.	0.8	27
246	Incidence of Myocardial Infarction, Stroke, and Death in Patients With Age-Related Macular Degeneration Treated With Intravitreal Anti-VEGF/Vascular Endothelial Growth Factor Therapy. <i>American Journal of Ophthalmology</i> , 2015, 159, 557-564.e1.	1.7	27
247	Peripapillary choroidal thickness assessed using automated choroidal segmentation software in an Asian population. <i>British Journal of Ophthalmology</i> , 2015, 99, 920-926.	2.1	27
248	Retinopathy Signs Improved Prediction and Reclassification of Cardiovascular Disease Risk in Diabetes: A prospective cohort study. <i>Scientific Reports</i> , 2017, 7, 41492.	1.6	27
249	Vision impairment and major eye diseases reduce vision-specific emotional well-being in a Chinese population. <i>British Journal of Ophthalmology</i> , 2017, 101, 686-690.	2.1	27
250	The Effect of Testing Reliability on Visual Field Sensitivity in Normal Eyes. <i>Ophthalmology</i> , 2018, 125, 15-21.	2.5	27
251	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019, 2, 285.	2.0	27
252	Analyses of biomarker traits in diverse UK biobank participants identify associations missed by European-centric analysis strategies. <i>Journal of Human Genetics</i> , 2022, 67, 87-93.	1.1	27

#	ARTICLE	IF	CITATIONS
253	Characteristics of p.Gln368Ter Myocilin Variant and Influence of Polygenic Risk on Glaucoma Penetrance in the UK Biobank. <i>Ophthalmology</i> , 2021, 128, 1300-1311.	2.5	27
254	Genome-Wide Association Study Meta-Analysis of Long-Term Average Blood Pressure in East Asians. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, e001527.	5.1	26
255	Imaging of the lamina cribrosa and its role in glaucoma: a review. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 177-188.	1.3	26
256	COVID-19 awareness, knowledge and perception towards digital health in an urban multi-ethnic Asian population. <i>Scientific Reports</i> , 2021, 11, 10795.	1.6	26
257	Color Doppler imaging study of retrobulbar hemodynamics in chronic angle-closure glaucoma. <i>Ophthalmology</i> , 2001, 108, 1445-1451.	2.5	25
258	Relationship Between Peripapillary Choroid and Retinal Nerve Fiber Layer Thickness in a Population-Based Sample of Nonglaucomatous Eyes. <i>American Journal of Ophthalmology</i> , 2016, 161, 4-11.e2.	1.7	25
259	Cerebral microbleeds and neuropsychiatric symptoms in an elderly Asian cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 7-11.	0.9	25
260	INVOLVEMENT OF MULTIPLE MOLECULAR PATHWAYS IN THE GENETICS OF OCULAR REFRACTION AND MYOPIA. <i>Retina</i> , 2018, 38, 91-101.	1.0	25
261	Six-Year Incidence of and Risk Factors for Cataract Surgery in a Multi-ethnic Asian Population. <i>Ophthalmology</i> , 2018, 125, 1844-1853.	2.5	25
262	Compensation of retinal nerve fibre layer thickness as assessed using optical coherence tomography based on anatomical confounders. <i>British Journal of Ophthalmology</i> , 2020, 104, 282-290.	2.1	25
263	Singapore Chinese Eye Study: key findings from baseline examination and the rationale, methodology of the 6-year follow-up series. <i>British Journal of Ophthalmology</i> , 2020, 104, 610-615.	2.1	25
264	Association of Antihypertensive Medication with Retinal Nerve Fiber Layer and Ganglion Cell-Inner Plexiform Layer Thickness. <i>Ophthalmology</i> , 2021, 128, 393-400.	2.5	25
265	Retinal photograph-based deep learning predicts biological age, and stratifies morbidity and mortality risk. <i>Age and Ageing</i> , 2022, 51, .	0.7	25
266	Literacy Is an Independent Risk Factor for Vision Impairment and Poor Visual Functioning. , 2011, 52, 7634.		24
267	A Study Assessing the Association of Glycated Hemoglobin A1C (HbA1C) Associated Variants with HbA1C, Chronic Kidney Disease and Diabetic Retinopathy in Populations of Asian Ancestry. <i>PLoS ONE</i> , 2013, 8, e79767.	1.1	24
268	Linkage disequilibrium and signatures of positive selection around LINE-1 retrotransposons in the human genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8131-8136.	3.3	24
269	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. <i>Human Genetics</i> , 2015, 134, 131-146.	1.8	24
270	Long-Term Shape, Curvature, and Depth Changes of the Lamina Cribrosa after Trabeculectomy. <i>Ophthalmology</i> , 2018, 125, 1729-1740.	2.5	24

#	ARTICLE	IF	CITATIONS
271	Age-related changes of individual macular retinal layers among Asians. <i>Scientific Reports</i> , 2019, 9, 20352.	1.6	24
272	Keratoconus-susceptibility gene identification by corneal thickness genome-wide association study and artificial intelligence IBM Watson. <i>Communications Biology</i> , 2020, 3, 410.	2.0	24
273	Towards label-free 3D segmentation of optical coherence tomography images of the optic nerve head using deep learning. <i>Biomedical Optics Express</i> , 2020, 11, 6356.	1.5	24
274	Rare coding variants in 35 genes associate with circulating lipid levels—A multi-ancestry analysis of 170,000 exomes. <i>American Journal of Human Genetics</i> , 2022, 109, 81-96.	2.6	24
275	Lack of Association Between Primary Angle-Closure Glaucoma Susceptibility Loci and the Ocular Biometric Parameters Anterior Chamber Depth and Axial Length. , 2013, 54, 5824.		23
276	Personalized Medicine in Ophthalmology: From Pharmacogenetic Biomarkers to Therapeutic and Dosage Optimization. <i>Journal of Personalized Medicine</i> , 2013, 3, 40-69.	1.1	23
277	Are C-Reactive Protein Associated Genetic Variants Associated with Serum Levels and Retinal Markers of Microvascular Pathology in Asian Populations from Singapore?. <i>PLoS ONE</i> , 2013, 8, e67650.	1.1	23
278	A nationwide cohort study of cigarette smoking and risk of neovascular age-related macular degeneration in East Asian men. <i>British Journal of Ophthalmology</i> , 2017, 101, 1367-1373.	2.1	23
279	Diagnostic accuracy of macular ganglion cell-inner plexiform layer thickness for glaucoma detection in a population-based study: Comparison with optic nerve head imaging parameters. <i>PLoS ONE</i> , 2018, 13, e0199134.	1.1	23
280	Human pharyngeal microbiota in age-related macular degeneration. <i>PLoS ONE</i> , 2018, 13, e0201768.	1.1	23
281	Deep learning algorithms to isolate and quantify the structures of the anterior segment in optical coherence tomography images. <i>British Journal of Ophthalmology</i> , 2021, 105, 1231-1237.	2.1	23
282	Strengthening the integration of eye care into the health system: methodology for the development of the WHO package of eye care interventions. <i>BMJ Open Ophthalmology</i> , 2020, 5, e000533.	0.8	23
283	Detection of features associated with neovascular age-related macular degeneration in ethnically distinct data sets by an optical coherence tomography: trained deep learning algorithm. <i>British Journal of Ophthalmology</i> , 2021, 105, 1133-1139.	2.1	23
284	Describing the Structural Phenotype of the Glaucomatous Optic Nerve Head Using Artificial Intelligence. <i>American Journal of Ophthalmology</i> , 2022, 236, 172-182.	1.7	23
285	A Simplified Method to Measure Choroidal Thickness Using Adaptive Compensation in Enhanced Depth Imaging Optical Coherence Tomography. <i>PLoS ONE</i> , 2014, 9, e96661.	1.1	23
286	DeepLensNet: Deep Learning Automated Diagnosis and Quantitative Classification of Cataract Type and Severity. <i>Ophthalmology</i> , 2022, 129, 571-584.	2.5	23
287	Association of Genetic Variants on 8p21 and 4q12 with Age-Related Macular Degeneration in Asian Populations. , 2012, 53, 6576.		22
288	Genome-Wide Association Study of Retinopathy in Individuals without Diabetes. <i>PLoS ONE</i> , 2013, 8, e54232.	1.1	22

#	ARTICLE	IF	CITATIONS
289	Ethnic Variation in Early Age-Related Macular Degeneration Lesions Between White Australians and Singaporean Asians. , 2014, 55, 4421.		22
290	CMPK1 and RBP3 are associated with corneal curvature in Asian populations. Human Molecular Genetics, 2014, 23, 6129-6136.	1.4	22
291	Plasma lipoprotein subfraction concentrations are associated with lipid metabolism and age-related macular degeneration. Journal of Lipid Research, 2017, 58, 1785-1796.	2.0	22
292	Evaluation of Primary Angle-Closure Glaucoma Susceptibility Loci in Patients with Early Stages of Angle-Closure Disease. Ophthalmology, 2018, 125, 664-670.	2.5	22
293	Trends of Visual Impairment and Blindness in the Singapore Chinese Population over a Decade. Scientific Reports, 2018, 8, 12224.	1.6	22
294	Variation of Peripapillary Scleral Shape With Age. , 2019, 60, 3275.		22
295	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
296	Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. Communications Biology, 2019, 2, 435.	2.0	22
297	Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error. Communications Biology, 2020, 3, 133.	2.0	22
298	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. JAMA Ophthalmology, 2021, 139, 601.	1.4	22
299	Cataract Conversion Assessment using Lens Opacity Classification System III and Wisconsin Cataract Grading System. , 2013, 54, 280.		21
300	Choroidal thickness does not predict visual acuity in young high myopes. Acta Ophthalmologica, 2016, 94, e709-e715.	0.6	21
301	Assessment of the psychometric properties of the Chinese Impact of Vision Impairment questionnaire in a population-based study: findings from the Singapore Chinese Eye Study. Quality of Life Research, 2016, 25, 871-880.	1.5	21
302	Retinal Vein Occlusion in a Multi-Ethnic Asian Population: The Singapore Epidemiology of Eye Disease Study. Ophthalmic Epidemiology, 2016, 23, 6-13.	0.8	21
303	Type 2 Diabetes Genetic Variants and Risk of Diabetic Retinopathy. Ophthalmology, 2017, 124, 336-342.	2.5	21
304	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
305	Peripheral retinal changes in highly myopic young Asian eyes. Acta Ophthalmologica, 2018, 96, e846-e851.	0.6	21
306	Prevalence, subtypes, severity and determinants of ocular trauma: The Singapore Chinese Eye Study. British Journal of Ophthalmology, 2018, 102, 204-209.	2.1	21

#	ARTICLE	IF	CITATIONS
307	Assessment of Circumferential Angle Closure with Swept-Source Optical Coherence Tomography: a Community Based Study. <i>American Journal of Ophthalmology</i> , 2019, 199, 133-139.	1.7	21
308	Diagnostic Ability of Individual Macular Layers by Spectral-Domain OCT in Different Stages of Glaucoma. <i>Ophthalmology Glaucoma</i> , 2020, 3, 314-326.	0.9	21
309	Genome-Wide Association Study in Asians Identifies Novel Loci for High Myopia and Highlights a Nervous System Role in Its Pathogenesis. <i>Ophthalmology</i> , 2020, 127, 1612-1624.	2.5	21
310	Identification of genetic effects underlying type 2 diabetes in South Asian and European populations. <i>Communications Biology</i> , 2022, 5, 329.	2.0	21
311	Relationship between ganglion cell-inner plexiform layer and optic disc/retinal nerve fibre layer parameters in non-glaucomatous eyes. <i>British Journal of Ophthalmology</i> , 2013, 97, 1592-1597.	2.1	20
312	Diagnostic Performance of the ISNT Rule for Glaucoma Based on the Heidelberg Retinal Tomograph. <i>Translational Vision Science and Technology</i> , 2013, 2, 2.	1.1	20
313	Composite Measures of Individual and Area-Level Socio-Economic Status Are Associated with Visual Impairment in Singapore. <i>PLoS ONE</i> , 2015, 10, e0142302.	1.1	20
314	A Genetic Variant in TGFBR3-CDC7 Is Associated with Visual Field Progression in Primary Open-Angle Glaucoma Patients from Singapore. <i>Ophthalmology</i> , 2015, 122, 2416-2422.	2.5	20
315	Relationship Between Sleep and Symptoms of Tear Dysfunction in Singapore Malays and Indians. , 2019, 60, 1889.		20
316	Iris and its relevance to angle closure disease: a review. <i>British Journal of Ophthalmology</i> , 2021, 105, 3-8.	2.1	20
317	Patterns and Determinants of Choroidal Thickness in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology Retina</i> , 2021, 5, 458-467.	1.2	20
318	Referral for disease-related visual impairment using retinal photograph-based deep learning: a proof-of-concept, model development study. <i>The Lancet Digital Health</i> , 2021, 3, e29-e40.	5.9	20
319	Admixture Mapping Scans Identify a Locus Affecting Retinal Vascular Caliber in Hypertensive African Americans: the Atherosclerosis Risk in Communities (ARIC) Study. <i>PLoS Genetics</i> , 2010, 6, e1000908.	1.5	19
320	Automatic detection of the macula in retinal fundus images using seeded mode tracking approach. , 2012, 2012, 4950-3.		19
321	Relationship of ocular and systemic factors to the visibility of choroidal-scleral interface using spectral domain optical coherence tomography. <i>Acta Ophthalmologica</i> , 2016, 94, e142-9.	0.6	19
322	Iris Crypts Influence Dynamic Changes of Iris Volume. <i>Ophthalmology</i> , 2016, 123, 2077-2084.	2.5	19
323	The impact of typical neovascular age-related macular degeneration and polypoidal choroidal vasculopathy on vision-related quality of life in Asian patients. <i>British Journal of Ophthalmology</i> , 2017, 101, 591-596.	2.1	19
324	Incidence and risk factors of symptomatic dry eye disease in Asian Malays from the Singapore Malay Eye Study. <i>Ocular Surface</i> , 2017, 15, 742-748.	2.2	19

#	ARTICLE	IF	CITATIONS
325	Direct and Indirect Associations Between Diabetes and Intraocular Pressure: The Singapore Epidemiology of Eye Diseases Study. , 2018, 59, 2205.		19
326	Prevalence and predictors of myopic macular degeneration among Asian adults: pooled analysis from the Asian Eye Epidemiology Consortium. British Journal of Ophthalmology, 2021, 105, 1140-1148.	2.1	19
327	Near work, screen time, outdoor time and myopia in schoolchildren in the Sunflower Myopia AEEC Consortium. Acta Ophthalmologica, 2022, 100, 302-311.	0.6	19
328	Linkage Analysis of Quantitative Refraction and Refractive Errors in the Beaver Dam Eye Study. , 2011, 52, 5220.		18
329	Relationship Between Iris Surface Features and Angle Width in Asian Eyes. Investigative Ophthalmology and Visual Science, 2014, 55, 8144-8148.	3.3	18
330	Genetic correlations between intraocular pressure, blood pressure and primary open-angle glaucoma: a multi-cohort analysis. European Journal of Human Genetics, 2017, 25, 1261-1267.	1.4	18
331	Association of Functional Loss With the Biomechanical Response of the Optic Nerve Head to Acute Transient Intraocular Pressure Elevations. JAMA Ophthalmology, 2018, 136, 184.	1.4	18
332	Social, health and ocular factors associated with primary open-angle glaucoma amongst Chinese Singaporeans. Clinical and Experimental Ophthalmology, 2018, 46, 25-34.	1.3	18
333	Population genomics in South East Asia captures unexpectedly high carrier frequency for treatable inherited disorders. Genetics in Medicine, 2019, 21, 207-212.	1.1	18
334	Six-Year Changes in Myopic Macular Degeneration in Adults of the Singapore Epidemiology of Eye Diseases Study. , 2020, 61, 14.		18
335	Genetic loci and prioritization of genes for kidney function decline derived from a meta-analysis of 62 longitudinal genome-wide association studies. Kidney International, 2022, 102, 624-639.	2.6	18
336	The Long-term Effect of Nd:YAG Laser Iridotomy on Intraocular Pressure in Taiwanese Eyes with Primary Angle-closure Glaucoma. Journal of the Chinese Medical Association, 2008, 71, 300-304.	0.6	17
337	Performance of the Moorfields Motion Displacement Test for Identifying Eyes with Glaucoma. Ophthalmology, 2014, 121, 88-92.	2.5	17
338	Cumulative incidence and risk factors of prediabetes and type 2 diabetes in a Singaporean Malay cohort. Diabetes Research and Clinical Practice, 2017, 127, 163-171.	1.1	17
339	Genetically Determined Plasma Lipid Levels and Risk of Diabetic Retinopathy: A Mendelian Randomization Study. Diabetes, 2017, 66, 3130-3141.	0.3	17
340	Abnormal creatine transport of mutations in monocarboxylate transporter 12 (MCT12) found in patients with age-related cataract can be partially rescued by exogenous chaperone CD147. Human Molecular Genetics, 2017, 26, 4203-4214.	1.4	17
341	Factors affecting signal strength in spectral-domain optical coherence tomography. Acta Ophthalmologica, 2018, 96, e54-e58.	0.6	17
342	Changes in the Anterior Lamina Cribrosa Morphology with Glaucoma Severity. Scientific Reports, 2019, 9, 6612.	1.6	17

#	ARTICLE	IF	CITATIONS
343	Asian-specific vertical cup-to-disc ratio cutoff for glaucoma screening: An evidence-based recommendation from a multiethnic Asian population. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 1210-1218.	1.3	17
344	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2020, 26, 2111-2125.	4.1	17
345	Characteristics of myopic traction maculopathy in myopic Singaporean adults. <i>British Journal of Ophthalmology</i> , 2021, 105, 531-537.	2.1	17
346	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022, 5, .	2.0	17
347	Structure-Function Correlations Using Scanning Laser Polarimetry in Primary Angle-Closure Glaucoma and Primary Open-Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2010, 149, 817-825.e1.	1.7	16
348	Is Corneal Arcus Independently Associated With Incident Cardiovascular Disease in Asians?. <i>American Journal of Ophthalmology</i> , 2017, 183, 99-106.	1.7	16
349	Reporting on deep learning algorithms in health care. <i>The Lancet Digital Health</i> , 2019, 1, e328-e329.	5.9	16
350	Cerebral Small Vessel Disease and Enlarged Perivascular Spaces-Data From Memory Clinic and Population-Based Settings. <i>Frontiers in Neurology</i> , 2019, 10, 669.	1.1	16
351	High-Density Lipoprotein Cholesterol in Age-Related Ocular Diseases. <i>Biomolecules</i> , 2020, 10, 645.	1.8	16
352	Prevalence of Cataract Surgery and Visual Outcomes in Indian Immigrants in Singapore: The Singapore Indian Eye Study. <i>PLoS ONE</i> , 2013, 8, e75584.	1.1	15
353	Prevalence, Correlates, and Impact of Uncorrected Presbyopia in a Multiethnic Asian Population. <i>American Journal of Ophthalmology</i> , 2016, 168, 191-200.	1.7	15
354	Macular thickness profile and diabetic retinopathy: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2018, 102, 1072-1076.	2.1	15
355	Is Myopia Associated with the Incidence and Progression of Diabetic Retinopathy?. <i>American Journal of Ophthalmology</i> , 2019, 208, 226-233.	1.7	15
356	Using Uniocular Visual Acuity Substantially Underestimates the Impact of Visual Impairment on Quality of Life Compared with Binocular Visual Acuity. <i>Ophthalmology</i> , 2020, 127, 1145-1151.	2.5	15
357	The Differential Impact of Age on Vision-Related Quality of Life across the Visual Impairment Spectrum. <i>Ophthalmology</i> , 2021, 128, 354-363.	2.5	15
358	Artificial Intelligence in Predicting Systemic Parameters and Diseases From Ophthalmic Imaging. <i>Frontiers in Digital Health</i> , 0, 4, .	1.5	15
359	Branch retinal vein occlusion and optic nerve head topographic parameters: the Singapore Indian eye study. <i>British Journal of Ophthalmology</i> , 2013, 97, 611-616.	2.1	14
360	cnvCapSeq: detecting copy number variation in long-range targeted resequencing data. <i>Nucleic Acids Research</i> , 2014, 42, e158-e158.	6.5	14

#	ARTICLE	IF	CITATIONS
361	Homocysteine and Cerebral Atrophy: The Epidemiology of Dementia in Singapore Study. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 877-885.	1.2	14
362	Racial differences and determinants of macular thickness profiles in multiethnic Asian population: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2019, 103, 894-899.	2.1	14
363	Prevalence and Risk Factors for Cognitive Impairment and Dementia in Indians: A Multiethnic Perspective from a Singaporean Study. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 341-351.	1.2	14
364	Global assessment of arteriolar, venular and capillary changes in normal tension glaucoma. <i>Scientific Reports</i> , 2020, 10, 19222.	1.6	14
365	White matter network damage mediates association between cerebrovascular disease and cognition. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2199098.	2.4	14
366	Deep learning algorithms for automatic detection of pterygium using anterior segment photographs from slit-lamp and hand-held cameras. <i>British Journal of Ophthalmology</i> , 2022, 106, 1642-1647.	2.1	14
367	Deep Learning for Automated Sorting of Retinal Photographs. <i>Ophthalmology Retina</i> , 2020, 4, 793-800.	1.2	14
368	Detecting visually significant cataract using retinal photograph-based deep learning. <i>Nature Aging</i> , 2022, 2, 264-271.	5.3	14
369	Classification of Visual Field Abnormalities in Highly Myopic Eyes without Pathologic Change. <i>Ophthalmology</i> , 2022, 129, 803-812.	2.5	14
370	Determinants and Characteristics of Angle-Closure Disease in an Elderly Chinese Population. <i>Ophthalmic Epidemiology</i> , 2015, 22, 109-115.	0.8	13
371	Prevalence and Associations of Retinal Emboli With Ethnicity, Stroke, and Renal Disease in a Multiethnic Asian Population. <i>JAMA Ophthalmology</i> , 2017, 135, 1023.	1.4	13
372	Impact of Incidence and Progression of Diabetic Retinopathy on Vision-Specific Functioning. <i>Ophthalmology</i> , 2018, 125, 1401-1409.	2.5	13
373	Haemoglobin, magnetic resonance imaging markers and cognition: a subsample of population-based study. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 114.	3.0	13
374	Association of Diabetes With Central Corneal Thickness Among a Multiethnic Asian Population. <i>JAMA Network Open</i> , 2019, 2, e186647.	2.8	13
375	Is kidney function associated with primary open-angle glaucoma? Findings from the Asian Eye Epidemiology Consortium. <i>British Journal of Ophthalmology</i> , 2020, 104, bjophthalmol-2019-314890.	2.1	13
376	Association between body mass index and diabetic retinopathy in Asians: the Asian Eye Epidemiology Consortium (AEEC) study. <i>British Journal of Ophthalmology</i> , 2022, 106, 980-986.	2.1	13
377	Gender Prediction for a Multiethnic Population via Deep Learning Across Different Retinal Fundus Photograph Fields: Retrospective Cross-sectional Study. <i>JMIR Medical Informatics</i> , 2021, 9, e25165.	1.3	13
378	High-Density Lipoprotein 3 Cholesterol and Primary Open-Angle Glaucoma. <i>Ophthalmology</i> , 2022, 129, 285-294.	2.5	13

#	ARTICLE	IF	CITATIONS
379	Impact of Measurement Error on Testing Genetic Association with Quantitative Traits. PLoS ONE, 2014, 9, e87044.	1.1	12
380	Inter-Relationships Between Retinal Vascular Caliber, Retinal Nerve Fiber Layer Thickness, and Glaucoma: A Mediation Analysis Approach. , 2016, 57, 3803.		12
381	Crowdsourcing to Evaluate Fundus Photographs for the Presence of Glaucoma. Journal of Glaucoma, 2017, 26, 505-510.	0.8	12
382	Correlation of Color Fundus Photograph Grading with Risks of Early Age-related Macular Degeneration by using Automated OCT-derived Drusen Measurements. Scientific Reports, 2018, 8, 12937.	1.6	12
383	Genetic variants linked to myopic macular degeneration in persons with high myopia: CREAM Consortium. PLoS ONE, 2019, 14, e0220143.	1.1	12
384	The Informant AD8 Can Discriminate Patients with Dementia From Healthy Control Participants in an Asian Older Cohort. Journal of the American Medical Directors Association, 2019, 20, 775-779.	1.2	12
385	Sleep Duration and Diabetic Kidney Disease. Frontiers in Endocrinology, 2019, 9, 808.	1.5	12
386	Six-year incidence and progression of diabetic retinopathy in Indian adults: the Singapore Indian Eye study. British Journal of Ophthalmology, 2019, 103, bjophthalmol-2018-313282.	2.1	12
387	MRI of posterior eye shape and its associations with myopia and ethnicity. British Journal of Ophthalmology, 2019, 104, bjophthalmol-2019-315020.	2.1	12
388	The prevalence and clinical associations of disproportionately enlarged subarachnoid space hydrocephalus (DESH), an imaging feature of idiopathic normal pressure hydrocephalus in community and memory clinic based Singaporean cohorts. Journal of the Neurological Sciences, 2020, 408, 116510.	0.3	12
389	Statistical inference for decision curve analysis, with applications to cataract diagnosis. Statistics in Medicine, 2020, 39, 2980-3002.	0.8	12
390	Peripapillary sclera exhibits a v-shaped configuration that is more pronounced in glaucoma eyes. British Journal of Ophthalmology, 2022, 106, 491-496.	2.1	12
391	Association between Macular Thickness Profiles and Visual Function in Healthy Eyes: The Singapore Epidemiology of Eye Diseases (SEED) Study. Scientific Reports, 2020, 10, 6142.	1.6	12
392	Association of <i>G6PD</i> variants with hemoglobin A1c and impact on diabetes diagnosis in East Asian individuals. BMJ Open Diabetes Research and Care, 2020, 8, e001091.	1.2	12
393	Factors affecting the diagnostic performance of circumpapillary retinal nerve fibre layer measurement in glaucoma. British Journal of Ophthalmology, 2021, 105, 397-402.	2.1	12
394	Evaluation of Primary Angle-Closure Glaucoma Susceptibility Loci for Estimating Angle Closure Disease Severity. Ophthalmology, 2021, 128, 403-409.	2.5	12
395	Retinal microvascular signs and risk of diabetic kidney disease in asian and white populations. Scientific Reports, 2021, 11, 4898.	1.6	12
396	APOC3 genetic variation, serum triglycerides, and risk of coronary artery disease in Asian Indians, Europeans, and other ethnic groups. Lipids in Health and Disease, 2021, 20, 113.	1.2	12

#	ARTICLE	IF	CITATIONS
397	Association between Body Mass Index and Chronic Kidney Disease in Asian Populations: A Participant-level Meta-Analysis. <i>Maturitas</i> , 2021, 154, 46-54.	1.0	12
398	Cerebral Microbleeds, Cerebral Amyloid Angiopathy, and Their Relationships to Quantitative Markers of Neurodegeneration. <i>Neurology</i> , 2022, 98, .	1.5	12
399	Effects of Bimatoprost 0.03% on Ocular Hemodynamics in Normal Tension Glaucoma. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2006, 22, 188-193.	0.6	11
400	Serum Leptin and Age-Related Macular Degeneration. , 2015, 56, 1880.		11
401	Risk factors for predicting visual field progression in Chinese patients with primary open-angle glaucoma: A retrospective study. <i>Journal of the Chinese Medical Association</i> , 2015, 78, 418-423.	0.6	11
402	Associations Between Methylenetetrahydrofolate Reductase Polymorphisms, Serum Homocysteine Levels, and Incident Cortical Cataract. <i>JAMA Ophthalmology</i> , 2016, 134, 522.	1.4	11
403	Comparison of Corneal Biomechanical Properties between Indian and Chinese Adults. <i>Ophthalmology</i> , 2017, 124, 1271-1279.	2.5	11
404	Diet and risk of myopia in three-year-old Singapore children: the GUSTO cohort. <i>Australasian journal of optometry</i> , The, 2018, 101, 692-699.	0.6	11
405	Risk of Incident Cardiovascular Disease and Cardiovascular Risk Factors in First and Second-Generation Indians: The Singapore Indian Eye Study. <i>Scientific Reports</i> , 2018, 8, 14805.	1.6	11
406	Highlights from the 2019 International Myopia Summit on ~controversies in myopia™. <i>British Journal of Ophthalmology</i> , 2021, 105, 1196-1202.	2.1	11
407	Deep-Learning-Based Pre-Diagnosis Assessment Module for Retinal Photographs: A Multicenter Study. <i>Translational Vision Science and Technology</i> , 2021, 10, 16.	1.1	11
408	Six-Year Incidence and Risk Factors for Primary Angle-Closure Disease. <i>Ophthalmology</i> , 2022, 129, 792-802.	2.5	11
409	Association of iris surface features with iris parameters assessed by swept-source optical coherence tomography in Asian eyes. <i>British Journal of Ophthalmology</i> , 2016, 100, 1682-1685.	2.1	10
410	Is aspirin associated with diabetic retinopathy? The Singapore Epidemiology of Eye Disease (SEED) study. <i>PLoS ONE</i> , 2017, 12, e0175966.	1.1	10
411	Urinary Isoprostane Levels and Age-Related Macular Degeneration. , 2017, 58, 2538.		10
412	Factors that influence tear meniscus area and conjunctivochalasis: The Singapore Indian eye study. <i>Ophthalmic Epidemiology</i> , 2018, 25, 70-78.	0.8	10
413	Integration of Genetic and Biometric Risk Factors for Detection of Primary Angle Closure Glaucoma. <i>American Journal of Ophthalmology</i> , 2019, 208, 160-165.	1.7	10
414	Simplified end stage renal failure risk prediction model for the low-risk general population with chronic kidney disease. <i>PLoS ONE</i> , 2019, 14, e0212590.	1.1	10

#	ARTICLE	IF	CITATIONS
415	Beyond vision loss: the independent impact of diabetic retinopathy on vision-related quality of life in a Chinese Singaporean population. <i>British Journal of Ophthalmology</i> , 2019, 103, 1314-1319.	2.1	10
416	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. <i>Communications Biology</i> , 2020, 3, 755.	2.0	10
417	Performance competence of pregraduate nursing students and hospital nurses: A comparison study. <i>Journal of Clinical Nursing</i> , 2020, 29, 2652-2662.	1.4	10
418	Automatic Grading of Cortical and PSC Cataracts Using Retroillumination Lens Images. <i>Lecture Notes in Computer Science</i> , 2013, , 256-267.	1.0	10
419	Rationale and Methodology of The PopulatIOn HEalth and Eye Disease PRofile in Elderly Singaporeans Study [PIONEER]. , 2020, 11, 1444.		10
420	Multivariate Normative Comparison, a Novel Method for Improved Use of Retinal Nerve Fiber Layer Thickness to Detect Early Glaucoma. <i>Ophthalmology Glaucoma</i> , 2022, 5, 359-368.	0.9	10
421	Predictors of myopic macular degeneration in a 12-year longitudinal study of Singapore adults with myopia. <i>British Journal of Ophthalmology</i> , 2023, 107, 1363-1368.	2.1	10
422	Validity of a new optic disc grading software for use in clinical and epidemiological research. <i>Clinical and Experimental Ophthalmology</i> , 2013, 41, 842-852.	1.3	9
423	Validation of the Total Cerebrovascular Disease Burden Scale in a Community Sample. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 1021-1028.	1.2	9
424	Ankle brachial index, MRI markers and cognition: The Epidemiology of Dementia in Singapore study. <i>Atherosclerosis</i> , 2017, 263, 272-277.	0.4	9
425	Associations of Peripapillary Atrophy and Fundus Tessellation with Diabetic Retinopathy. <i>Ophthalmology Retina</i> , 2018, 2, 574-581.	1.2	9
426	Six-Year Incidence and Risk Factors of Age-Related Macular Degeneration in Singaporean Indians: The Singapore Indian Eye Study. <i>Scientific Reports</i> , 2018, 8, 8869.	1.6	9
427	VIMCO: variational inference for multiple correlated outcomes in genome-wide association studies. <i>Bioinformatics</i> , 2019, 35, 3693-3700.	1.8	9
428	Genome-Wide Association for HbA1c in Malay Identified Deletion on SLC4A1 that Influences HbA1c Independent of Glycemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 3854-3864.	1.8	9
429	Role of socio-economic factors in visual impairment and progression of diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2021, 105, 420-425.	2.1	9
430	The Impact of Strategic White Matter Hyperintensity Lesion Location on Language. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 156-165.	0.6	9
431	Novel Serum and Urinary Metabolites Associated with Diabetic Retinopathy in Three Asian Cohorts. <i>Metabolites</i> , 2021, 11, 614.	1.3	9
432	Visual Impairment in Old and Very Old Community-dwelling Asian Adults. <i>Ophthalmology</i> , 2016, 123, 2436-2438.	2.5	8

#	ARTICLE	IF	CITATIONS
433	Association of Changes in Visual Acuity With Vision-Specific Functioning in the Singapore Malay Eye Study. <i>JAMA Ophthalmology</i> , 2016, 134, 1299.	1.4	8
434	Linking a genome-wide association study signal to a <i>LRRK2</i> coding variant in Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 484-487.	2.2	8
435	A genome-wide association study identified a novel genetic loci STON1-GTF2A1L/LHCGR/FSHR for bilaterality of neovascular age-related macular degeneration. <i>Scientific Reports</i> , 2017, 7, 7173.	1.6	8
436	Racial/Ethnic Differences in Cognitive Symptoms During the Menopausal Transition. <i>Western Journal of Nursing Research</i> , 2019, 41, 217-237.	0.6	8
437	Machine learning to determine relative contribution of modifiable and non-modifiable risk factors of major eye diseases. <i>British Journal of Ophthalmology</i> , 2022, 106, 267-274.	2.1	8
438	Association of Glaucoma Risk Genes with Retinal Nerve Fiber Layer in a Multi-ethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. , 2020, 61, 37.		8
439	Profile of retinal nerve fibre layer symmetry in a multiethnic Asian population: the Singapore Epidemiology of Eye Diseases study. <i>British Journal of Ophthalmology</i> , 2020, 104, 836-841.	2.1	8
440	A systematic review and participant-level meta-analysis found little association of retinal microvascular caliber with reduced kidney function. <i>Kidney International</i> , 2021, 99, 696-706.	2.6	8
441	Impact of type 2 diabetes and microvascular complications on mortality and cardiovascular outcomes in a multiethnic Asian population. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001413.	1.2	8
442	Retinal Nerve Fiber Layer Thickness and Rim Area Profiles in Asians. <i>Ophthalmology</i> , 2022, 129, 552-561.	2.5	8
443	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. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	8
444	Ethnic Differences in the Association Between Age-Related Macular Degeneration and Vision-Specific Functioning. <i>JAMA Ophthalmology</i> , 2017, 135, 469.	1.4	7
445	Photodynamic therapy in combination with ranibizumab versus ranibizumab monotherapy for polypoidal choroidal vasculopathy: A systematic review and meta-analysis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 20, 215-220.	1.3	7
446	Automated Detection of Iris Furrows and their Influence on Dynamic Iris Volume Change. <i>Scientific Reports</i> , 2017, 7, 17894.	1.6	7
447	A Digital Staining Algorithm for Optical Coherence Tomography Images of the Optic Nerve Head. <i>Translational Vision Science and Technology</i> , 2017, 6, 8.	1.1	7
448	Additive effect of cerebral atrophy on cognition in dementia-free elderly with cerebrovascular disease. <i>Stroke and Vascular Neurology</i> , 2019, 4, 135-140.	1.5	7
449	Rates and Determinants of Eyecare Utilization and Eyeglass Affordability Among Individuals With Visual Impairment in a Multi-Ethnic Population-Based Study in Singapore. <i>Translational Vision Science and Technology</i> , 2020, 9, 11.	1.1	7
450	Association of Cataract Surgery With Risk of Diabetic Retinopathy Among Asian Participants in the Singapore Epidemiology of Eye Diseases Study. <i>JAMA Network Open</i> , 2020, 3, e208035.	2.8	7

#	ARTICLE	IF	CITATIONS
451	Incidence, progression and risk factors of age-related cataract in Malays: The Singapore Malay Eye Study. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 580-592.	1.3	7
452	Evaluation of meridional scans for angle closure assessment with anterior segment swept-source optical coherence tomography. <i>British Journal of Ophthalmology</i> , 2021, 105, 131-134.	2.1	7
453	Incidence and progression of diabetic retinopathy in a multi-ethnic US cohort: the Multi-Ethnic Study of Atherosclerosis. <i>British Journal of Ophthalmology</i> , 2022, 106, 1264-1268.	2.1	7
454	Superpixel Classification Based Optic Disc Segmentation. <i>Lecture Notes in Computer Science</i> , 2013, , 293-304.	1.0	7
455	Determinants of lamina cribrosa depth in healthy Asian eyes: the Singapore Epidemiology Eye Study. <i>British Journal of Ophthalmology</i> , 2021, 105, 367-373.	2.1	7
456	Association of alcohol intake with incidence and progression of diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2021, 105, 538-542.	2.1	7
457	Use of latanoprost to reduce acute intraocular pressure rise following neodymium: Yag laser iridotomy. <i>Acta Ophthalmologica</i> , 2002, 80, 282-286.	0.4	6
458	Genome-wide Linkage Analysis of Multiple Metabolic Factors: Evidence of Genetic Heterogeneity. <i>Obesity</i> , 2010, 18, 146-152.	1.5	6
459	Automatic pterygium detection on cornea images to enhance computer-aided cortical cataract grading system. , 2012, 2012, 4434-7.		6
460	Association of iris crypts with acute primary angle closure. <i>British Journal of Ophthalmology</i> , 2017, 101, 1318-1322.	2.1	6
461	Blindness, low vision and cataract surgery outcome among adults in Hohhot of Inner Mongolia: a Rapid Assessment of Avoidable Blindness (RAAB) study. <i>British Journal of Ophthalmology</i> , 2018, 102, 1653-1657.	2.1	6
462	Prevalence of retinitis pigmentosa in Singapore: the Singapore Epidemiology of Eye Diseases Study. <i>Acta Ophthalmologica</i> , 2021, 99, e134-e135.	0.6	6
463	Ethnic differences in the incidence of pterygium in a multi-ethnic Asian population: the Singapore Epidemiology of Eye Diseases Study. <i>Scientific Reports</i> , 2021, 11, 501.	1.6	6
464	Relationship between vision impairment and employment. <i>British Journal of Ophthalmology</i> , 2023, 107, 361-366.	2.1	6
465	Three-dimensional modelling of the choroidal angioarchitecture in a multi-ethnic Asian population. <i>Scientific Reports</i> , 2022, 12, 3831.	1.6	6
466	Angle closure extent, anterior segment dimensions and intraocular pressure. <i>British Journal of Ophthalmology</i> , 2023, 107, 927-934.	2.1	6
467	The longitudinal association between cognitive impairment and incident visual impairment in a multiethnic Asian population: a prospective cohort study. <i>Age and Ageing</i> , 2022, 51, .	0.7	6
468	Bidirectional association between glaucoma and chronic kidney disease: A systematic review and meta-analysis. <i>EClinicalMedicine</i> , 2022, 49, 101498.	3.2	6

#	ARTICLE	IF	CITATIONS
469	Impact of Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) GFR Estimating Equations on CKD Prevalence and Classification Among Asians. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	6
470	Automatic localization of retinal landmarks. , 2012, 2012, 4954-7.		5
471	Familial Correlation of Retinal Vascular Caliber in Singapore Chinese. , 2013, 54, 5638.		5
472	Ethnic Differences in Undercorrected Refractive Error in Asians. <i>Optometry and Vision Science</i> , 2014, 91, 212-220.	0.6	5
473	Assessing the Causality between Blood Pressure and Retinal Vascular Caliber through Mendelian Randomisation. <i>Scientific Reports</i> , 2016, 6, 22031.	1.6	5
474	Development of the Computerized Model of Performance-Based Measurement System to Measure Nursesâ€™ Clinical Competence. <i>CIN - Computers Informatics Nursing</i> , 2016, 34, 159-168.	0.3	5
475	Caregiver-Reported Sleep Disturbances Are Associated With Behavioral and Psychological Symptoms in an Asian Elderly Cohort With Cognitive Impairment-No Dementia. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2018, 31, 70-75.	1.2	5
476	Aldose Reductase Polymorphisms, Fasting Blood Glucose, and Age-Related Cortical Cataract. , 2018, 59, 4755.		5
477	Normative pattern and determinants of outer retinal thickness in an Asian population: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2019, 103, 1406-1412.	2.1	5
478	U-Shaped Relationship between Serum Leptin Concentration and Cognitive Performance in Older Asian Adults. <i>Nutrients</i> , 2019, 11, 660.	1.7	5
479	Detection of anaemia from retinal images. <i>Nature Biomedical Engineering</i> , 2020, 4, 2-3.	11.6	5
480	Interethnic differences in neuroimaging markers and cognition in Asians, a population-based study. <i>Scientific Reports</i> , 2020, 10, 2655.	1.6	5
481	Albuminuria and Primary Open-Angle Glaucoma: the Singapore Chinese Eye Study (SCES). <i>British Journal of Ophthalmology</i> , 2021, 105, 669-673.	2.1	5
482	Visual field defects and myopic macular degeneration in Singapore adults with high myopia. <i>British Journal of Ophthalmology</i> , 2022, 106, 1423-1428.	2.1	5
483	The three-dimensional structural configuration of the central retinal vessel trunk and branches as a glaucoma biomarker. <i>American Journal of Ophthalmology</i> , 2022, 240, 205-216.	1.7	5
484	The Potential of Current Polygenic Risk Scores to Predict High Myopia and Myopic Macular Degeneration in Multiethnic Singapore Adults. <i>Ophthalmology</i> , 2022, 129, 890-902.	2.5	5
485	Distribution and associated factors of optic disc diameter and cup-to-disc ratio in an elderly Chinese populationâ†. <i>Journal of the Chinese Medical Association</i> , 2014, 77, 203-208.	0.6	4
486	Evaluation of transethnic fine mapping with population-specific and cosmopolitan imputation reference panels in diverse Asian populations. <i>European Journal of Human Genetics</i> , 2016, 24, 592-599.	1.4	4

#	ARTICLE	IF	CITATIONS
487	Protective effect of smoking against pterygium development in men: a nationwide longitudinal cohort study in South Korea. <i>BMJ Open</i> , 2017, 7, e017014.	0.8	4
488	Regression models with ordered multiple categorical predictors. <i>Journal of Statistical Computation and Simulation</i> , 2018, 88, 3164-3178.	0.7	4
489	Analysis of 47 Non-MHC Ankylosing Spondylitis Susceptibility Loci Regarding Associated Variants across Whites and Han Chinese. <i>Journal of Rheumatology</i> , 2020, 47, 674-681.	1.0	4
490	MRI Markers of Mixed Pathology and Cognitive Impairment in Multiethnic Asians. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1501-1509.	1.2	4
491	Computer-aided detection and abnormality score for the outer retinal layer in optical coherence tomography. <i>British Journal of Ophthalmology</i> , 2022, 106, 1301-1307.	2.1	4
492	Emergence of non- Δ AI digital health innovations in ophthalmology: A systematic review. <i>Clinical and Experimental Ophthalmology</i> , 2021, 49, 741-756.	1.3	4
493	Scanning Laser Polarimetry with Variable Corneal Compensation in Primary Angle-closure Glaucoma. <i>Ophthalmology</i> , 2008, 115, 1334-1339.	2.5	3
494	Efficient optic cup localization using regional propagation based on retinal structure priors. , 2012, 2012, 1430-3.		3
495	Self-assessment for optic disc segmentation. , 2013, 2013, 5861-4.		3
496	Lens Status Influences the Association between CFH Polymorphisms and Age-Related Macular Degeneration: Findings from Two Population-Based Studies in Singapore. <i>PLoS ONE</i> , 2015, 10, e0119570.	1.1	3
497	Author reply. <i>Ophthalmology</i> , 2015, 122, e41-e42.	2.5	3
498	Intravitreal aflibercept for proliferative diabetic retinopathy. <i>Lancet, The</i> , 2017, 390, 2140-2141.	6.3	3
499	A Potential Link Between Ambient Air Pollution and Intraocular Pressure. <i>JAMA Ophthalmology</i> , 2019, 137, 137.	1.4	3
500	Systemic medications and cortical cataract: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2020, 104, 330-335.	2.1	3
501	Vision, vision-specific functioning and mobility, and their relationship with clinically assessed cognitive impairment. <i>Age and Ageing</i> , 2021, 50, 1236-1242.	0.7	3
502	Utilisation of poor-quality optical coherence tomography scans: adjustment algorithm from the Singapore Epidemiology of Eye Diseases (SEED) study. <i>British Journal of Ophthalmology</i> , 2022, 106, 962-969.	2.1	3
503	Six-Year Incidence and Risk Factors of Primary Glaucoma in the Singapore Indian Eye Study. <i>Ophthalmology Glaucoma</i> , 2021, 4, 201-208.	0.9	3
504	Six-year incidence of age-related macular degeneration and correlation to OCT-derived drusen volume measurements in a Chinese population. <i>British Journal of Ophthalmology</i> , 2023, 107, 392-398.	2.1	3

#	ARTICLE	IF	CITATIONS
505	Application of machine learning techniques to understand ethnic differences and risk factors for incident chronic kidney disease in Asians. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002364.	1.2	3
506	Detection of Systemic Diseases From Ocular Images Using Artificial Intelligence: A Systematic Review. <i>Asia-Pacific Journal of Ophthalmology</i> , 2022, 11, 126-139.	1.3	3
507	Different impact of early and late stages irreversible eye diseases on vision-specific quality of life domains. <i>Scientific Reports</i> , 2022, 12, 8465.	1.6	3
508	Bayesian reclassification statistics for assessing improvements in diagnostic accuracy. <i>Statistics in Medicine</i> , 2016, 35, 2574-2592.	0.8	2
509	Relationship between Myopia Severity and Macular Retinal Thickness on Visual Performance under Different Lighting Conditions. <i>Ophthalmology Retina</i> , 2017, 1, 339-346.	1.2	2
510	Clusters of midlife women identified by cognitive symptoms. <i>Maturitas</i> , 2018, 110, 33-40.	1.0	2
511	The Effect of Gender on Visual Field Sensitivity: The Singapore Chinese Eye Study. <i>Ophthalmic Epidemiology</i> , 2019, 26, 183-188.	0.8	2
512	Artificial Intelligence Using Deep Learning in Classifying Side of the Eyes and Width of Field for Retinal Fundus Photographs. <i>Lecture Notes in Computer Science</i> , 2019, , 309-315.	1.0	2
513	Normative profiles of neuroretinal rim area in a multiethnic Asian population: the Singapore Epidemiology of Eye Diseases study. <i>British Journal of Ophthalmology</i> , 2020, , bjophthalmol-2020-317323.	2.1	2
514	Diagnostic accuracy of swept source optical coherence tomography classification algorithms for detection of gonioscopic angle closure. <i>British Journal of Ophthalmology</i> , 2022, 106, 1716-1721.	2.1	2
515	Visual Impairment, Major Eye Diseases, and Mortality in a Multi-Ethnic Asian Population and a Meta-analysis of Prospective Studies. <i>American Journal of Ophthalmology</i> , 2021, 231, 88-100.	1.7	2
516	Six-year incidence and systemic associations of retinopathy in a multi-ethnic Asian population without diabetes. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2020-318126.	2.1	2
517	Sector-based optic cup segmentation with intensity and blood vessel priors. , 2012, 2012, 1454-7.		1
518	Accounting for Standard Errors of Vision-Specific Latent Trait in Regression Models. , 2014, 55, 5848.		1
519	Interaction Between Peroxisome Proliferator Activated Receptor β and Epithelial Membrane Protein 2 Polymorphisms Influences HDL Levels in the Chinese Population. <i>Annals of Human Genetics</i> , 2016, 80, 282-293.	0.3	1
520	Choroidal Nevi in the Singapore Epidemiology of Eye Disease Study. <i>Ophthalmology</i> , 2018, 125, 784-786.	2.5	1
521	Reply. <i>American Journal of Ophthalmology</i> , 2018, 188, 185.	1.7	1
522	Agreement in Measures of Macular Perfusion between Optical Coherence Tomography Angiography Machines. <i>Scientific Reports</i> , 2020, 10, 8345.	1.6	1

#	ARTICLE	IF	CITATIONS
523	Normative patterns and factors associated with presbyopia progression in a multiethnic Asian population: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2020, 104, bjophthalmol-2019-315629.	2.1	1
524	Impact of incident age-related macular degeneration and associated vision loss on vision-related quality of life. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2020-318269.	2.1	1
525	Identification of novel loci influencing refractive error in East Asian populations using an extreme phenotype design. <i>Journal of Genetics and Genomics</i> , 2022, 49, 54-62.	1.7	1
526	Normative data and associations of Optical Coherence Tomography Angiography measurements of the macula: The Singapore Malay Eye Study. <i>Ophthalmology Retina</i> , 2022, , .	1.2	1
527	Machine learning identifying peripheral circulating metabolites associated with intraocular pressure alterations. <i>British Journal of Ophthalmology</i> , 2023, 107, 1275-1280.	2.1	1
528	Optic disk localization by a robust fusion method. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
529	Metabolic Syndrome and Cataract. , 2014, , 191-200.		0
530	Correcting refractive error with spectacles: a simple solution but a global challenge. <i>Clinical and Experimental Ophthalmology</i> , 2014, 42, 215-216.	1.3	0
531	P1â€³99: The Combined Utility of Brief Cognitive Tests for The Detection of Mild Cognitive Impairment: Epidemiology of Dementia in Singapore Study. <i>Alzheimer's and Dementia</i> , 2016, 12, P586.	0.4	0
532	Reply. <i>American Journal of Ophthalmology</i> , 2016, 168, 296.	1.7	0
533	Observations From a Population-Based Study of Diabetic Retinopathy in Chinese Americans. <i>JAMA Ophthalmology</i> , 2016, 134, 569.	1.4	0
534	Visually significant cataract: a global challenge. <i>Clinical and Experimental Ophthalmology</i> , 2016, 44, 85-86.	1.3	0
535	Reply to choroidal thickness, correlations, and systemic disease. <i>Survey of Ophthalmology</i> , 2017, 62, 251-252.	1.7	0
536	Reply. <i>American Journal of Ophthalmology</i> , 2018, 192, 252.	1.7	0
537	Reply. <i>Ophthalmology</i> , 2018, 125, e55.	2.5	0
538	Response to: Comment on: â€œDo we have enough ophthalmologists to manage vision-threatening diabetic retinopathy? A global perspectiveâ€. <i>Eye</i> , 2021, 35, 692-693.	1.1	0
539	Genetic Epidemiology of Quantitative Traits of Primary Open Angle Glaucoma. <i>Essentials in Ophthalmology</i> , 2021, , 121-132.	0.0	0
540	A Clinicianâ€™s Introduction to Artificial Intelligence. <i>Current Practices in Ophthalmology</i> , 2021, , 1-11.	0.1	0

#	ARTICLE	IF	CITATIONS
541	Response to: Revisiting the Problem of Optic Nerve Detection in a Retinal Image Using Automated Machine Learning. <i>Asia-Pacific Journal of Ophthalmology</i> , 2021, 10, 337.	1.3	0
542	Unique Genetic Signatures in Asian Age-Related Macular Degeneration: An Opportunity for Drug Development. <i>Essentials in Ophthalmology</i> , 2017, , 497-507.	0.0	0
543	Serum Cholesterol Efflux Capacity in Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy. <i>Ophthalmology Science</i> , 2022, , 100142.	1.0	0
544	Retinal parameters, cortical microinfarcts and functional cognitive impairment. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
545	Smartphone-Acquired Anterior Segment Images for Deep Learning Prediction of Anterior Chamber Depth: A Proof-of-Concept Study. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	0