

# Ching-Yu Cheng

## List of Publications by Citations

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

520  
papers

30,120  
citations

72  
h-index

163  
g-index

567  
ext. papers

40,371  
ext. citations

8  
avg, IF

6.73  
L-index

#	Paper	IF	Citations
520	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> , <b>2017</b> , 390, 2627-2642	40	2980
519	Global prevalence of glaucoma and projections of glaucoma burden through 2040: a systematic review and meta-analysis. <i>Ophthalmology</i> , <b>2014</b> , 121, 2081-90	7.3	2839
518	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> , <b>2014</b> , 2, e106-16	13.6	2052
517	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> , <b>2018</b> , 392, 1923-1994	40	1964
516	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> , <b>2017</b> , 389, 37-55	40	1100
515	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> , <b>2017</b> , 318, 2211-2223	27.4	838
514	The genetic architecture of type 2 diabetes. <i>Nature</i> , <b>2016</b> , 536, 41-47	50.4	704
513	Seven new loci associated with age-related macular degeneration. <i>Nature Genetics</i> , <b>2013</b> , 45, 433-9, 439e1-2	36.3	577
512	Prevalence of dry eye among an elderly Chinese population in Taiwan: the Shihpai Eye Study. <i>Ophthalmology</i> , <b>2003</b> , 110, 1096-101	7.3	457
511	Genome-wide association studies identify four ER negative-specific breast cancer risk loci. <i>Nature Genetics</i> , <b>2013</b> , 45, 392-8, 398e1-2	36.3	327
510	Superpixel classification based optic disc and optic cup segmentation for glaucoma screening. <i>IEEE Transactions on Medical Imaging</i> , <b>2013</b> , 32, 1019-32	11.7	327
509	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , <b>2013</b> , 45, 314-8	36.3	314
508	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> , <b>2016</b> , 6, 21090	4.9	269
507	Prevalence and causes of visual impairment in an elderly Chinese population in Taiwan: the Shihpai Eye Study. <i>Ophthalmology</i> , <b>2004</b> , 111, 62-9	7.3	265
506	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , <b>2016</b> , 48, 1171-1184	36.3	251
505	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> , <b>2009</b> , 5, e1000360	6	251
504	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. <i>JAMA Oncology</i> , <b>2017</b> , 3, 636-651	13.4	236

503	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , <b>2015</b> , 47, 1282-1293	36.3	223
502	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> , <b>2017</b> , 14, e1002383	11.6	223
501	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. <i>Nature Genetics</i> , <b>2013</b> , 45, 155-63	36.3	222
500	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 957-972	36.3	217
499	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , <b>2017</b> , 8, 13624	17.4	173
498	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. <i>Nature Genetics</i> , <b>2014</b> , 46, 1126-1130	36.3	171
497	Genome-wide association analyses identify three new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , <b>2012</b> , 44, 1142-1146	36.3	160
496	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. <i>Nature Genetics</i> , <b>2016</b> , 48, 189-94	36.3	159
495	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> , <b>2021</b> , 398, 957-980	40	154
494	Incidence and progression of diabetic retinopathy: a systematic review. <i>Lancet Diabetes and Endocrinology, the</i> , <b>2019</b> , 7, 140-149	18.1	150
493	Refractive errors in an elderly Chinese population in Taiwan: the Shihpai Eye Study. <i>Investigative Ophthalmology and Visual Science</i> , <b>2003</b> , 44, 4630-8		150
492	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , <b>2015</b> , 6, 5897	17.4	147
491	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 1569-1582	25.5	147
490	The age-specific prevalence of myopia in Asia: a meta-analysis. <i>Optometry and Vision Science</i> , <b>2015</b> , 92, 258-66	2.1	142
489	State of science: Choroidal thickness and systemic health. <i>Survey of Ophthalmology</i> , <b>2016</b> , 61, 566-81	6.1	138
488	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , <b>2018</b> , 50, 834-848	36.3	135
487	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , <b>2019</b> , 570, 71-76	50.4	129
486	Deep whole-genome sequencing of 100 southeast Asian Malays. <i>American Journal of Human Genetics</i> , <b>2013</b> , 92, 52-66	11	122

485	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> , <b>2021</b> , 9, e130-e143	13.6	122
484	Genome-wide analyses identify 68 new loci associated with intraocular pressure and improve risk prediction for primary open-angle glaucoma. <i>Nature Genetics</i> , <b>2018</b> , 50, 778-782	36.3	122
483	Prevalence of refractive errors in a multiethnic Asian population: the Singapore epidemiology of eye disease study <b>2013</b> , 54, 2590-8		120
482	New loci and coding variants confer risk for age-related macular degeneration in East Asians. <i>Nature Communications</i> , <b>2015</b> , 6, 6063	17.4	118
481	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> , <b>2013</b> , 93, 264-77	11	116
480	Retinal nerve fiber layer thickness in unilateral amblyopia. <i>Investigative Ophthalmology and Visual Science</i> , <b>2004</b> , 45, 2224-30		114
479	Four novel Loci (19q13, 6q24, 12q24, and 5q14) influence the microcirculation in vivo. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1001184	6	111
478	Glaucoma in Asia: regional prevalence variations and future projections. <i>British Journal of Ophthalmology</i> , <b>2016</b> , 100, 78-85	5.5	110
477	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , <b>2016</b> , 48, 556-62	36.3	109
476	Association of the Y402H polymorphism in complement factor H gene and neovascular age-related macular degeneration in Chinese patients. <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 3242-6		104
475	Kidney and eye diseases: common risk factors, etiological mechanisms, and pathways. <i>Kidney International</i> , <b>2014</b> , 85, 1290-302	9.9	103
474	Forecasting the burden of type 2 diabetes in Singapore using a demographic epidemiological model of Singapore. <i>BMJ Open Diabetes Research and Care</i> , <b>2014</b> , 2, e000012	4.5	103
473	Age of onset of myopia predicts risk of high myopia in later childhood in myopic Singapore children. <i>Ophthalmic and Physiological Optics</i> , <b>2016</b> , 36, 388-94	4.1	103
472	Prevalence and associated risk factors of age-related macular degeneration in an elderly Chinese population in Taiwan: the Shihpai Eye Study <b>2008</b> , 49, 3126-33		102
471	Epidemiologic study of age-related cataracts among an elderly Chinese population in Shih-Pai, Taiwan. <i>Ophthalmology</i> , <b>2003</b> , 110, 1089-95	7.3	96
470	Association between symptoms and signs of dry eye among an elderly Chinese population in Taiwan: the Shihpai Eye Study. <i>Investigative Ophthalmology and Visual Science</i> , <b>2005</b> , 46, 1593-8		92
469	Association of ocular dominance and anisometropic myopia. <i>Investigative Ophthalmology and Visual Science</i> , <b>2004</b> , 45, 2856-60		91
468	Artificial Intelligence to Detect Papilledema from Ocular Fundus Photographs. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 1687-1695	59.2	91

467	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> , <b>2017</b> , 26, 1770-1784	5.6	90
466	Determinants of quantitative optic nerve measurements using spectral domain optical coherence tomography in a population-based sample of non-glaucomatous subjects <b>2011</b> , 52, 9629-35		90
465	Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , <b>2020</b> , 582, 240-245	50.4	89
464	Visual impairment, age-related eye diseases, and cognitive function: the Singapore Malay Eye study. <i>JAMA Ophthalmology</i> , <b>2012</b> , 130, 895-900		89
463	A common variant near TGFBR3 is associated with primary open angle glaucoma. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 3880-92	5.6	84
462	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> , <b>2017</b> , 49, 1722-1730	36.3	83
461	Cortical cerebral microinfarcts on 3T MRI: A novel marker of cerebrovascular disease. <i>Neurology</i> , <b>2016</b> , 87, 1583-1590	6.5	81
460	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 1624-1636	46.3	81
459	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> , <b>2017</b> , 26, 438-453	5.6	80
458	Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. <i>American Journal of Human Genetics</i> , <b>2014</b> , 95, 24-38	11	80
457	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , <b>2016</b> , 7, 11008	17.4	79
456	Insights into the genetic architecture of early stage age-related macular degeneration: a genome-wide association study meta-analysis. <i>PLoS ONE</i> , <b>2013</b> , 8, e53830	3.7	79
455	Global Prevalence of Diabetic Retinopathy and Projection of Burden through 2045: Systematic Review and Meta-analysis. <i>Ophthalmology</i> , <b>2021</b> , 128, 1580-1591	7.3	78
454	Genetic variants on chromosome 1q41 influence ocular axial length and high myopia. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002753	6	77
453	Genome-wide association study of Parkinson's disease in East Asians. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 226-232	5.6	75
452	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, The</i> , <b>2020</b> , 396, 1511-1524	40	73
451	Quantitative assessment of retinal thickness in diabetic patients with and without clinically significant macular edema using optical coherence tomography. <i>Acta Ophthalmologica</i> , <b>2001</b> , 79, 266-70		73
450	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. <i>Nature Genetics</i> , <b>2017</b> , 49, 993-1004	36.3	72

449	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 1486-1496	5.6	72
448	Identification of new susceptibility loci for IgA nephropathy in Han Chinese. <i>Nature Communications</i> , <b>2015</b> , 6, 7270	17.4	72
447	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 1791-800	5.6	71
446	The Prevalence and Types of Glaucoma in an Urban Chinese Population: The Singapore Chinese Eye Study. <i>JAMA Ophthalmology</i> , <b>2015</b> , 133, 874-80	3.9	71
445	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. <i>Nature Communications</i> , <b>2014</b> , 5, 4883	17.4	71
444	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. <i>Nature Genetics</i> , <b>2015</b> , 47, 387-92	36.3	70
443	Plasma Metabonomic Profiling of Diabetic Retinopathy. <i>Diabetes</i> , <b>2016</b> , 65, 1099-108	0.9	68
442	Retinal ganglion cell neuronal damage in diabetes and diabetic retinopathy. <i>Clinical and Experimental Ophthalmology</i> , <b>2016</b> , 44, 243-50	2.4	68
441	Determinants of anterior chamber depth: the Singapore Chinese Eye Study. <i>Ophthalmology</i> , <b>2012</b> , 119, 1143-50	7.3	67
440	Logistic regression was as good as machine learning for predicting major chronic diseases. <i>Journal of Clinical Epidemiology</i> , <b>2020</b> , 122, 56-69	5.7	66
439	Prevalence and associated risk factors of myopic maculopathy in elderly Chinese: the Shihpai eye study <b>2012</b> , 53, 4868-73		65
438	Ethnic differences of intraocular pressure and central corneal thickness: the Singapore Epidemiology of Eye Diseases study. <i>Ophthalmology</i> , <b>2014</b> , 121, 2013-22	7.3	64
437	Visual impairment in a Taiwanese population: prevalence, causes, and socioeconomic factors. <i>Ophthalmic Epidemiology</i> , <b>2001</b> , 8, 339-50	1.9	64
436	Prevalence, racial variations, and risk factors of age-related macular degeneration in Singaporean Chinese, Indians, and Malays. <i>Ophthalmology</i> , <b>2014</b> , 121, 1598-603	7.3	63
435	Admixture mapping of 15,280 African Americans identifies obesity susceptibility loci on chromosomes 5 and X. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000490	6	62
434	Identification of four novel variants that influence central corneal thickness in multi-ethnic Asian populations. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 437-45	5.6	61
433	Genome-wide association study meta-analysis reveals transethnic replication of mean arterial and pulse pressure loci. <i>Hypertension</i> , <b>2013</b> , 62, 853-9	8.5	60
432	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , <b>2019</b> , 51, 636-648	36.3	59

431	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> , <b>2018</b> , 102, 375-400	11	59
430	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> , <b>2015</b> , 96, 5-20	11	59
429	Meta-analysis of Genome-Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. <i>Genetic Epidemiology</i> , <b>2015</b> , 39, 207-16	2.6	58
428	Determinants of angle width in Chinese Singaporeans. <i>Ophthalmology</i> , <b>2012</b> , 119, 278-82	7.3	58
427	Myopia and age-related cataract: a systematic review and meta-analysis. <i>American Journal of Ophthalmology</i> , <b>2013</b> , 156, 1021-1033.e1	4.9	58
426	Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. <i>Scientific Reports</i> , <b>2016</b> , 6, 25853	4.9	57
425	Prevalence, Risk Factors, and Impact of Myopic Macular Degeneration on Visual Impairment and Functioning Among Adults in Singapore <b>2018</b> , 59, 4603-4613		57
424	Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. <i>Nature Communications</i> , <b>2015</b> , 6, 6689	17.4	56
423	Choroidal thickness and high myopia: a case-control study of young Chinese men in Singapore. <i>Acta Ophthalmologica</i> , <b>2015</b> , 93, e585-92	3.7	56
422	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> , <b>2012</b> , 7, e32840	3.7	56
421	Distribution and determinants of choroidal thickness and volume using automated segmentation software in a population-based study. <i>American Journal of Ophthalmology</i> , <b>2015</b> , 159, 293-301.e3	4.9	55
420	Education influences the association between genetic variants and refractive error: a meta-analysis of five Singapore studies. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 546-54	5.6	55
419	Factors predicting intraocular pressure control after phacoemulsification in angle-closure glaucoma. <i>JAMA Ophthalmology</i> , <b>2006</b> , 124, 1390-4		53
418	Ethnic Differences in the Prevalence and Risk Factors of Diabetic Retinopathy: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology</i> , <b>2018</b> , 125, 529-536	7.3	53
417	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> , <b>2015</b> , 99, 1614-21	5.5	52
416	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. <i>Cell</i> , <b>2019</b> , 179, 736-749.e15	56.2	51
415	Intraocular pressure measured with a noncontact tonometer in an elderly Chinese population: the Shihpai Eye Study. <i>JAMA Ophthalmology</i> , <b>2005</b> , 123, 381-6		51
414	Genetic determinants of age-related macular degeneration in diverse populations from the PAGE study. <i>Investigative Ophthalmology and Visual Science</i> , <b>2014</b> , 55, 6839-50		50

413	ABCC5, a gene that influences the anterior chamber depth, is associated with primary angle closure glaucoma. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004089	6	50
412	Hypomorphic Missense Variants Confer Moderate Risks of Breast Cancer. <i>Cancer Research</i> , <b>2017</b> , 77, 2789-2799	10.1	49
411	Singapore Indian Eye Study-2: methodology and impact of migration on systemic and eye outcomes. <i>Clinical and Experimental Ophthalmology</i> , <b>2017</b> , 45, 779-789	2.4	49
410	Genome-wide association study identifies ZFHX1B as a susceptibility locus for severe myopia. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 5288-94	5.6	49
409	Incidence of eyelid cancers in Taiwan: a 21-year review. <i>Ophthalmology</i> , <b>2006</b> , 113, 2101-7	7.3	49
408	Changes in intraocular pressure and ocular perfusion pressure after latanoprost 0.005% or brimonidine tartrate 0.2% in normal-tension glaucoma patients. <i>Ophthalmology</i> , <b>2002</b> , 109, 2241-7	7.3	49
407	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> , <b>2017</b> , 177, 27-33	4.9	48
406	Comparing methods for performing trans-ethnic meta-analysis of genome-wide association studies. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 2303-11	5.6	48
405	Clinical characteristics and factors associated the outcome of lacrimal canaliculitis. <i>Acta Ophthalmologica</i> , <b>2011</b> , 89, 759-63	3.7	48
404	Prevalence and risk factors for epiretinal membrane: the Singapore Epidemiology of Eye Disease study. <i>British Journal of Ophthalmology</i> , <b>2017</b> , 101, 371-376	5.5	48
403	Myopic Maculopathy and Optic Disc Changes in Highly Myopic Young Asian Eyes and Impact on Visual Acuity. <i>American Journal of Ophthalmology</i> , <b>2016</b> , 164, 69-79	4.9	47
402	A missense variant in FGD6 confers increased risk of polypoidal choroidal vasculopathy. <i>Nature Genetics</i> , <b>2016</b> , 48, 640-7	36.3	47
401	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. <i>Nature Communications</i> , <b>2021</b> , 12, 1258	17.4	47
400	Ancestry, Socioeconomic Status, and Age-Related Cataract in Asians: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology</i> , <b>2015</b> , 122, 2169-78	7.3	46
399	Multiple nonglycemic genomic loci are newly associated with blood level of glycated hemoglobin in East Asians. <i>Diabetes</i> , <b>2014</b> , 63, 2551-62	0.9	46
398	Determinants of macular thickness using spectral domain optical coherence tomography in healthy eyes: the Singapore Chinese Eye study <b>2013</b> , 54, 7968-76		46
397	Power vector analysis of refractive, corneal, and internal astigmatism in an elderly Chinese population: the Shihpai Eye Study <b>2011</b> , 52, 9651-7		46
396	Oxidative stress change by systemic corticosteroid treatment among patients having active graves ophthalmopathy. <i>JAMA Ophthalmology</i> , <b>2007</b> , 125, 1652-6		46



395	Prevalence, Risk Factors, and Visual Features of Undiagnosed Glaucoma: The Singapore Epidemiology of Eye Diseases Study. <i>JAMA Ophthalmology</i> , <b>2015</b> , 133, 938-46	3.9	45
394	HDL-cholesterol levels and risk of age-related macular degeneration: a multiethnic genetic study using Mendelian randomization. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 1891-1902	7.8	45
393	Myopia, axial length, and age-related cataract: the Singapore Malay eye study <b>2013</b> , 54, 4498-502		45
392	Body mass index and age-related cataract: the Shihpai Eye Study. <i>JAMA Ophthalmology</i> , <b>2005</b> , 123, 1109-14		45
391	Effects of stress and social support on postpartum health of Chinese mothers in the United States. <i>Research in Nursing and Health</i> , <b>2009</b> , 32, 582-91	2	44
390	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , <b>2021</b> , 53, 840-860	36.3	44
389	Determinants of long-term intraocular pressure after phacoemulsification in primary angle-closure glaucoma. <i>Journal of Glaucoma</i> , <b>2011</b> , 20, 566-70	2.1	43
388	Peripapillary choroidal thickness in young Asians with high myopia. <i>Investigative Ophthalmology and Visual Science</i> , <b>2015</b> , 56, 1475-81		41
387	A deep learning algorithm to detect chronic kidney disease from retinal photographs in community-based populations. <i>The Lancet Digital Health</i> , <b>2020</b> , 2, e295-e302	14.4	41
386	The prevalence and types of glaucoma in an urban Indian population: the Singapore Indian Eye Study <b>2013</b> , 54, 4621-7		41
385	Admixture mapping of obesity-related traits in African Americans: the Atherosclerosis Risk in Communities (ARIC) Study. <i>Obesity</i> , <b>2010</b> , 18, 563-72	8	41
384	Effects of prenatal maternal mental distress on birth outcomes. <i>Women and Birth</i> , <b>2016</b> , 29, 376-80	3.3	41
383	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> , <b>2018</b> , 47, 872-883i	7.8	40
382	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 1033-1054	3.8	39
381	Correctable visual impairment in an elderly Chinese population in Taiwan: the Shihpai Eye Study. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 1032-7		37
380	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. <i>Nature Communications</i> , <b>2018</b> , 9, 1864	17.4	37
379	Body mass index and retinopathy in Asian populations with diabetes mellitus. <i>Acta Diabetologica</i> , <b>2015</b> , 52, 73-80	3.9	36
378	Does genetic ancestry explain higher values of glycated hemoglobin in African Americans?. <i>Diabetes</i> , <b>2011</b> , 60, 2434-8	0.9	36

377	Prevalence and risk factors for age-related macular degeneration in Indians: a comparative study in Singapore and India. <i>American Journal of Ophthalmology</i> , <b>2013</b> , 155, 764-73, 773.e1-3	4.9	35
376	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 1882-1890	7.8	34
375	Early retinal arteriolar changes and peripheral neuropathy in diabetes. <i>Diabetes Care</i> , <b>2012</b> , 35, 1098-104	4.6	34
374	Genome-wide meta-analysis of five Asian cohorts identifies PDGFRA as a susceptibility locus for corneal astigmatism. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002402	6	33
373	Deep learning in estimating prevalence and systemic risk factors for diabetic retinopathy: a multi-ethnic study. <i>Npj Digital Medicine</i> , <b>2019</b> , 2, 24	15.7	32
372	A Global Shape Index to Characterize Anterior Lamina Cribrosa Morphology and Its Determinants in Healthy Indian Eyes <b>2015</b> , 56, 3604-14		32
371	Visual acuity and contrast sensitivity in different types of posterior capsule opacification. <i>Journal of Cataract and Refractive Surgery</i> , <b>2001</b> , 27, 1055-60	2.3	32
370	A deep-learning system for the assessment of cardiovascular disease risk via the measurement of retinal-vessel calibre. <i>Nature Biomedical Engineering</i> , <b>2021</b> , 5, 498-508	19	32
369	Increased Burden of Vision Impairment and Eye Diseases in Persons with Chronic Kidney Disease - A Population-Based Study. <i>EBioMedicine</i> , <b>2016</b> , 5, 193-7	8.8	31
368	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198166	3.7	31
367	DETAILED CHARACTERIZATION OF CHOROIDAL MORPHOLOGIC AND VASCULAR FEATURES IN AGE-RELATED MACULAR DEGENERATION AND POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , <b>2017</b> , 37, 2269-2280	3.6	31
366	Impact of Visual Impairment and Eye diseases on Mortality: the Singapore Malay Eye Study (SiMES). <i>Scientific Reports</i> , <b>2015</b> , 5, 16304	4.9	31
365	Corneal status in primary angle-closure glaucoma with a history of acute attack. <i>Journal of Glaucoma</i> , <b>2012</b> , 21, 12-6	2.1	31
364	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. <i>Diabetes</i> , <b>2019</b> , 68, 441-456	0.9	31
363	Association of Diabetic Retinopathy and Diabetic Kidney Disease With All-Cause and Cardiovascular Mortality in a Multiethnic Asian Population. <i>JAMA Network Open</i> , <b>2019</b> , 2, e191540	10.4	30
362	Jugular venous reflux affects ocular venous system in transient monocular blindness. <i>Cerebrovascular Diseases</i> , <b>2010</b> , 29, 122-9	3.2	30
361	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , <b>2017</b> , 66, 2019-2032	0.9	29
360	Whole-exome sequencing implicates UBE3D in age-related macular degeneration in East Asian populations. <i>Nature Communications</i> , <b>2015</b> , 6, 6687	17.4	29

359	Retinal Vascular Imaging Markers and Incident Chronic Kidney Disease: A Prospective Cohort Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 9374	4.9	29
358	Determinants of optical coherence tomography-derived minimum neuroretinal rim width in a normal Chinese population <b>2015</b> , 56, 3337-44		29
357	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> , <b>2015</b> , 100, 689-96	5.6	29
356	Automatic grading of nuclear cataracts from slit-lamp lens images using group sparsity regression. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 16, 468-75	0.9	29
355	Retinal Nerve Fiber Layer Thickness in a Multiethnic Normal Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology</i> , <b>2019</b> , 126, 702-711	7.3	29
354	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , <b>2018</b> , 9, 5052	17.4	29
353	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> , <b>2018</b> , 102, 1402-1406	5.5	28
352	Assessment of iris surface features and their relationship with iris thickness in Asian eyes. <i>Ophthalmology</i> , <b>2014</b> , 121, 1007-12	7.3	28
351	Meta-analysis of genome-wide association studies in multiethnic Asians identifies two loci for age-related nuclear cataract. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6119-28	5.6	28
350	Shape Changes of the Anterior Lamina Cribrosa in Normal, Ocular Hypertensive, and Glaucomatous Eyes Following Acute Intraocular Pressure Elevation <b>2016</b> , 57, 4869-4877		28
349	Customized Consensus Spectral Library Building for Untargeted Quantitative Metabolomics Analysis with Data Independent Acquisition Mass Spectrometry and MetaboDIA Workflow. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 4897-4906	7.8	27
348	Telehealth Demand Trends During the COVID-19 Pandemic in the Top 50 Most Affected Countries: Infodemiological Evaluation. <i>JMIR Public Health and Surveillance</i> , <b>2021</b> , 7, e24445	11.4	27
347	Association of Systemic Medication Use With Intraocular Pressure in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>JAMA Ophthalmology</i> , <b>2017</b> , 135, 196-202	3.9	26
346	Six-Year Incidence of Age-Related Macular Degeneration in Asian Malays: The Singapore Malay Eye Study. <i>Ophthalmology</i> , <b>2017</b> , 124, 1305-1313	7.3	26
345	Retinal vascular geometry and 6-year incidence and progression of diabetic retinopathy. <i>Diabetologia</i> , <b>2017</b> , 60, 1770-1781	10.3	26
344	Overlap between common genetic polymorphisms underpinning kidney traits and cardiovascular disease phenotypes: the CKDGen consortium. <i>American Journal of Kidney Diseases</i> , <b>2013</b> , 61, 889-98	7.4	26
343	The effects of a deliberate practice program on nursing students' perception of clinical competence. <i>Nurse Education Today</i> , <b>2013</b> , 33, 358-63	3.7	26
342	Shared genetic variants for polypoidal choroidal vasculopathy and typical neovascular age-related macular degeneration in East Asians. <i>Journal of Human Genetics</i> , <b>2017</b> , 62, 1049-1055	4.3	26

341	Association of common SIX6 polymorphisms with peripapillary retinal nerve fiber layer thickness: the Singapore Chinese Eye Study. <i>Investigative Ophthalmology and Visual Science</i> , <b>2014</b> , 56, 478-83		26
340	Visual impairment and falls in the elderly: the Shihpai Eye Study. <i>Journal of the Chinese Medical Association</i> , <b>2008</b> , 71, 467-72	2.8	26
339	Bilateral neurotrophic keratopathy complicating Vidian neurectomy. <i>American Journal of Ophthalmology</i> , <b>2001</b> , 132, 106-8	4.9	26
338	Increased response to oxidative stress challenge in Graves' ophthalmopathy orbital fibroblasts. <i>Molecular Vision</i> , <b>2011</b> , 17, 2782-8	2.3	26
337	Fine-scale mapping of 8q24 locus identifies multiple independent risk variants for breast cancer. <i>International Journal of Cancer</i> , <b>2016</b> , 139, 1303-1317	7.5	26
336	Incidence of myocardial infarction, stroke, and death in patients with age-related macular degeneration treated with intravitreal anti-vascular endothelial growth factor therapy. <i>American Journal of Ophthalmology</i> , <b>2015</b> , 159, 557-64.e1	4.9	25
335	Myopia and cognitive dysfunction: the singapore malay eye study <b>2013</b> , 54, 799-803		25
334	How much eye care services do Asian populations need? Projection from the Singapore Epidemiology of Eye Disease (SEED) study <b>2013</b> , 54, 2171-7		25
333	Relationship of Estimated GFR and Albuminuria to Concurrent Laboratory Abnormalities: An Individual Participant Data Meta-analysis in a Global Consortium. <i>American Journal of Kidney Diseases</i> , <b>2019</b> , 73, 206-217	7.4	25
332	Characterisation of choroidal morphological and vascular features in diabetes and diabetic retinopathy. <i>British Journal of Ophthalmology</i> , <b>2017</b> , 101, 1038-1044	5.5	24
331	Prevalence and Determinants of Suboptimal Vitamin D Levels in a Multiethnic Asian Population. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	24
330	Relationship between retinal vascular geometry with retinal nerve fiber layer and ganglion cell-inner plexiform layer in nonglaucomatous eyes <b>2013</b> , 54, 7309-16		24
329	Color Doppler imaging study of retrobulbar hemodynamics in chronic angle-closure glaucoma. <i>Ophthalmology</i> , <b>2001</b> , 108, 1445-51	7.3	24
328	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , <b>2021</b> ,	50.4	24
327	Prediction of systemic biomarkers from retinal photographs: development and validation of deep-learning algorithms. <i>The Lancet Digital Health</i> , <b>2020</b> , 2, e526-e536	14.4	24
326	CCDC102B confers risk of low vision and blindness in high myopia. <i>Nature Communications</i> , <b>2018</b> , 9, 1782	7.4	23
325	Sectoral variations of iridocorneal angle width and iris volume in Chinese Singaporeans: a swept-source optical coherence tomography study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2014</b> , 252, 1127-32	3.8	23
324	Racial differences in retinal vessel geometric characteristics: a multiethnic study in healthy Asians <b>2013</b> , 54, 3650-6		23

323	Association of Vision Impairment and Major Eye Diseases With Mobility and Independence in a Chinese Population. <i>JAMA Ophthalmology</i> , <b>2016</b> , 134, 1087-1093	3.9	23
322	Associations between chronic systemic diseases and primary open angle glaucoma: an epidemiological perspective. <i>Clinical and Experimental Ophthalmology</i> , <b>2017</b> , 45, 24-32	2.4	22
321	Systemic, Ocular and Genetic Risk Factors for Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Singaporeans. <i>Scientific Reports</i> , <b>2017</b> , 7, 41386	4.9	22
320	Aggregate Effects of Intraocular Pressure and Cup-to-Disc Ratio Genetic Variants on Glaucoma in a Multiethnic Asian Population. <i>Ophthalmology</i> , <b>2015</b> , 122, 1149-57	7.3	22
319	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , <b>2017</b> , 4, 170179	8.2	22
318	Pathways-driven sparse regression identifies pathways and genes associated with high-density lipoprotein cholesterol in two Asian cohorts. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003939	6	22
317	Literacy is an independent risk factor for vision impairment and poor visual functioning <b>2011</b> , 52, 7634-9		22
316	Peripapillary choroidal thickness assessed using automated choroidal segmentation software in an Asian population. <i>British Journal of Ophthalmology</i> , <b>2015</b> , 99, 920-6	5.5	21
315	Hypertension, blood pressure control and diabetic retinopathy in a large population-based study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229665	3.7	21
314	The development and psychometric testing of a theory-based instrument to evaluate nurses' perception of clinical reasoning competence. <i>Journal of Advanced Nursing</i> , <b>2016</b> , 72, 707-17	3.1	21
313	Association of genetic variants on 8p21 and 4q12 with age-related macular degeneration in Asian populations <b>2012</b> , 53, 6576-81		21
312	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> , <b>2021</b> , 3, e317-e329	14.4	21
311	Deep learning in glaucoma with optical coherence tomography: a review. <i>Eye</i> , <b>2021</b> , 35, 188-201	4.4	21
310	Associations between sleep duration, sleep quality and diabetic retinopathy. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196399		21
309	Genome-Wide Association Study Meta-Analysis of Long-Term Average Blood Pressure in East Asians. <i>Circulation: Cardiovascular Genetics</i> , <b>2017</b> , 10, e001527		20
308	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> , <b>2017</b> , 101, 1367-1373	5.5	20
307	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. <i>Human Genetics</i> , <b>2015</b> , 134, 131-46	6.3	20
306	MMP20 and ARMS2/HTRA1 Are Associated with Neovascular Lesion Size in Age-Related Macular Degeneration. <i>Ophthalmology</i> , <b>2015</b> , 122, 2295-2302.e2	7.3	20

305	Association Between Visual Impairment and Decline in Cognitive Function in a Multiethnic Asian Population. <i>JAMA Network Open</i> , <b>2020</b> , 3, e203560	10.4	20
304	Prevalence, Risk Factors, and Impact of Undiagnosed Visually Significant Cataract: The Singapore Epidemiology of Eye Diseases Study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170804	3.7	20
303	The Effect of Testing Reliability on Visual Field Sensitivity in Normal Eyes: The Singapore Chinese Eye Study. <i>Ophthalmology</i> , <b>2018</b> , 125, 15-21	7.3	20
302	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> , <b>2014</b> , 111, 8131-6	11.5	20
301	Coordinated genetic scaling of the human eye: shared determination of axial eye length and corneal curvature <b>2013</b> , 54, 1715-21		20
300	Personalized Medicine in Ophthalmology: From Pharmacogenetic Biomarkers to Therapeutic and Dosage Optimization. <i>Journal of Personalized Medicine</i> , <b>2013</b> , 3, 40-69	3.6	20
299	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> , <b>2013</b> , 8, e79767	3.7	20
298	Deep-learning-based cardiovascular risk stratification using coronary artery calcium scores predicted from retinal photographs. <i>The Lancet Digital Health</i> , <b>2021</b> , 3, e306-e316	14.4	20
297	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. <i>Quality of Life Research</i> , <b>2016</b> , 25, 871-80	3.7	19
296	Human pharyngeal microbiota in age-related macular degeneration. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201768	3.7	19
295	Lack of association between primary angle-closure glaucoma susceptibility loci and the ocular biometric parameters anterior chamber depth and axial length <b>2013</b> , 54, 5824-8		19
294	A simplified method to measure choroidal thickness using adaptive compensation in enhanced depth imaging optical coherence tomography. <i>PLoS ONE</i> , <b>2014</b> , 9, e96661	3.7	19
293	Vision impairment and major eye diseases reduce vision-specific emotional well-being in a Chinese population. <i>British Journal of Ophthalmology</i> , <b>2017</b> , 101, 686-690	5.5	18
292	INVOLVEMENT OF MULTIPLE MOLECULAR PATHWAYS IN THE GENETICS OF OCULAR REFRACTION AND MYOPIA. <i>Retina</i> , <b>2018</b> , 38, 91-101	3.6	18
291	Novel Genetic Loci Associated With Retinal Microvascular Diameter. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 45-54		18
290	Relationship Between Peripapillary Choroid and Retinal Nerve Fiber Layer Thickness in a Population-Based Sample of Nonglaucomatous Eyes. <i>American Journal of Ophthalmology</i> , <b>2016</b> , 161, 4-11.e1-2	4.9	18
289	CMPK1 and RBP3 are associated with corneal curvature in Asian populations. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6129-36	5.6	18
288	Diagnostic Performance of the ISNT Rule for Glaucoma Based on the Heidelberg Retinal Tomograph. <i>Translational Vision Science and Technology</i> , <b>2013</b> , 2, 2	3.3	18

287	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> , <b>2013</b> , 8, e67650	3.7	18
286	The associations of objectively measured sleep duration and sleep disturbances with diabetic retinopathy. <i>Diabetes Research and Clinical Practice</i> , <b>2020</b> , 159, 107967	7.4	18
285	Compensation of retinal nerve fibre layer thickness as assessed using optical coherence tomography based on anatomical confounders. <i>British Journal of Ophthalmology</i> , <b>2020</b> , 104, 282-290	5.5	18
284	Myopia incidence and lifestyle changes among school children during the COVID-19 pandemic: a population-based prospective study. <i>British Journal of Ophthalmology</i> , <b>2021</b> ,	5.5	18
283	Artificial Intelligence for Cataract Detection and Management. <i>Asia-Pacific Journal of Ophthalmology</i> , <b>2020</b> , 9, 88-95	3.5	17
282	Retinal Vein Occlusion in a Multi-Ethnic Asian Population: The Singapore Epidemiology of Eye Disease Study. <i>Ophthalmic Epidemiology</i> , <b>2016</b> , 23, 6-13	1.9	17
281	Factors influencing the pupillary light reflex in healthy individuals. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2016</b> , 254, 1353-9	3.8	17
280	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> , <b>2013</b> , 97, 1592-7	5.5	17
279	Cataract conversion assessment using lens opacity classification system III and Wisconsin cataract grading system <b>2013</b> , 54, 280-7		17
278	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , <b>2019</b> ,	6.5	17
277	Cerebral microbleeds and neuropsychiatric symptoms in an elderly Asian cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, 7-11	5.5	16
276	Association between diabetic retinopathy and incident cognitive impairment. <i>British Journal of Ophthalmology</i> , <b>2019</b> , 103, 1605-1609	5.5	16
275	Association of Functional Loss With the Biomechanical Response of the Optic Nerve Head to Acute Transient Intraocular Pressure Elevations. <i>JAMA Ophthalmology</i> , <b>2018</b> , 136, 184-192	3.9	16
274	Prevalence, subtypes, severity and determinants of ocular trauma: The Singapore Chinese Eye Study. <i>British Journal of Ophthalmology</i> , <b>2018</b> , 102, 204-209	5.5	16
273	Plasma lipoprotein subfraction concentrations are associated with lipid metabolism and age-related macular degeneration. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 1785-1796	6.3	16
272	Ethnic variation in central corneal refractive power and steep cornea in Asians. <i>Ophthalmic Epidemiology</i> , <b>2014</b> , 21, 99-105	1.9	16
271	Ethnic variation in early age-related macular degeneration lesions between white Australians and Singaporean Asians <b>2014</b> , 55, 4421-9		16
270	The long-term effect of Nd:YAG laser iridotomy on intraocular pressure in Taiwanese eyes with primary angle-closure glaucoma. <i>Journal of the Chinese Medical Association</i> , <b>2008</b> , 71, 300-4	2.8	16

269	Relationship of ocular and systemic factors to the visibility of choroidal-scleral interface using spectral domain optical coherence tomography. <i>Acta Ophthalmologica</i> , <b>2016</b> , 94, e142-9	3.7	16
268	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> , <b>2016</b> , 6, 19320	4.9	16
267	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> , <b>2019</b> , 103, 196-202	5.5	16
266	Understanding diagnostic disagreement in angle closure assessment between anterior segment optical coherence tomography and gonioscopy. <i>British Journal of Ophthalmology</i> , <b>2020</b> , 104, 795-799	5.5	16
265	Imaging of the lamina cribrosa and its role in glaucoma: a review. <i>Clinical and Experimental Ophthalmology</i> , <b>2018</b> , 46, 177-188	2.4	16
264	Retinopathy Signs Improved Prediction and Reclassification of Cardiovascular Disease Risk in Diabetes: A prospective cohort study. <i>Scientific Reports</i> , <b>2017</b> , 7, 41492	4.9	15
263	Type 2 Diabetes Genetic Variants and Risk of Diabetic Retinopathy. <i>Ophthalmology</i> , <b>2017</b> , 124, 336-342	7.3	15
262	Patterns and Risk Factor Profiles of Visual Loss in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 206, 48-73	4.9	15
261	The Bidirectional Relationship between Vision and Cognition: A Systematic Review and Meta-analysis. <i>Ophthalmology</i> , <b>2021</b> , 128, 981-992	7.3	15
260	Evaluation of Primary Angle-Closure Glaucoma Susceptibility Loci in Patients with Early Stages of Angle-Closure Disease. <i>Ophthalmology</i> , <b>2018</b> , 125, 664-670	7.3	15
259	Direct and Indirect Associations Between Diabetes and Intraocular Pressure: The Singapore Epidemiology of Eye Diseases Study <b>2018</b> , 59, 2205-2211		15
258	Trends of Visual Impairment and Blindness in the Singapore Chinese Population over a Decade. <i>Scientific Reports</i> , <b>2018</b> , 8, 12224	4.9	15
257	Reporting on deep learning algorithms in health care. <i>The Lancet Digital Health</i> , <b>2019</b> , 1, e328-e329	14.4	15
256	Relationship between iris surface features and angle width in Asian eyes. <i>Investigative Ophthalmology and Visual Science</i> , <b>2014</b> , 55, 8144-8		15
255	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> , <b>2010</b> , 6, e1000908	6	15
254	Linkage analysis of quantitative refraction and refractive errors in the Beaver Dam Eye Study <b>2011</b> , 52, 5220-5		15
253	Keratoconus-susceptibility gene identification by corneal thickness genome-wide association study and artificial intelligence IBM Watson. <i>Communications Biology</i> , <b>2020</b> , 3, 410	6.7	15
252	Long-Term Shape, Curvature, and Depth Changes of the Lamina Cribrosa after Trabeculectomy. <i>Ophthalmology</i> , <b>2018</b> , 125, 1729-1740	7.3	15



251	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> , <b>2017</b> , 101, 591-596	5.5	14
250	Global causes of vision loss in 2015: are we on track to achieve the Vision 2020 target?. <i>The Lancet Global Health</i> , <b>2017</b> , 5, e1164-e1165	13.6	14
249	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> , <b>2019</b> , 28, 2615-2633	5.6	14
248	Prevalence, Correlates, and Impact of Uncorrected Presbyopia in a Multiethnic Asian Population. <i>American Journal of Ophthalmology</i> , <b>2016</b> , 168, 191-200	4.9	14
247	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , <b>2019</b> , 2, 285	6.7	14
246	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> , <b>2017</b> , 7, 17921	4.9	14
245	Choroidal thickness does not predict visual acuity in young high myopes. <i>Acta Ophthalmologica</i> , <b>2016</b> , 94, e709-e715	3.7	14
244	Assessment of Circumferential Angle Closure with Swept-Source Optical Coherence Tomography: a Community Based Study. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 199, 133-139	4.9	14
243	Incidence and risk factors of symptomatic dry eye disease in Asian Malays from the Singapore Malay Eye Study. <i>Ocular Surface</i> , <b>2017</b> , 15, 742-748	6.5	13
242	Genetically Determined Plasma Lipid Levels and Risk of Diabetic Retinopathy: A Mendelian Randomization Study. <i>Diabetes</i> , <b>2017</b> , 66, 3130-3141	0.9	13
241	A Genetic Variant in TGFBR3-CDC7 Is Associated with Visual Field Progression in Primary Open-Angle Glaucoma Patients from Singapore. <i>Ophthalmology</i> , <b>2015</b> , 122, 2416-22	7.3	13
240	Prevalence and Pattern of Geographic Atrophy in Asia: The Asian Eye Epidemiology Consortium. <i>Ophthalmology</i> , <b>2020</b> , 127, 1371-1381	7.3	13
239	Do we have enough ophthalmologists to manage vision-threatening diabetic retinopathy? A global perspective. <i>Eye</i> , <b>2020</b> , 34, 1255-1261	4.4	13
238	Factors affecting signal strength in spectral-domain optical coherence tomography. <i>Acta Ophthalmologica</i> , <b>2018</b> , 96, e54-e58	3.7	13
237	Population genomics in South East Asia captures unexpectedly high carrier frequency for treatable inherited disorders. <i>Genetics in Medicine</i> , <b>2019</b> , 21, 207-212	8.1	13
236	Is Corneal Arcus Independently Associated With Incident Cardiovascular Disease in Asians?. <i>American Journal of Ophthalmology</i> , <b>2017</b> , 183, 99-106	4.9	13
235	Association Between the Severity of Diabetic Retinopathy and Falls in an Asian Population With Diabetes: The Singapore Epidemiology of Eye Diseases Study. <i>JAMA Ophthalmology</i> , <b>2017</b> , 135, 1410-1416	7.9	13
234	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. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 4203-4214	5.6	13

233	Composite Measures of Individual and Area-Level Socio-Economic Status Are Associated with Visual Impairment in Singapore. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142302	3.7	13
232	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> , <b>2021</b> , 105, 1133-1139	5.5	13
231	Prevalence and causes of vision loss in East Asia in 2015: magnitude, temporal trends and projections. <i>British Journal of Ophthalmology</i> , <b>2020</b> , 104, 616-622	5.5	13
230	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> , <b>2020</b> , 104, 610-615	5.5	13
229	Cohort Profile: The Singapore Epidemiology of Eye Diseases study (SEED). <i>International Journal of Epidemiology</i> , <b>2021</b> , 50, 41-52	7.8	13
228	Falls and Recurrent Falls among Adults in A Multi-ethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>Scientific Reports</i> , <b>2018</b> , 8, 7575	4.9	13
227	Cumulative incidence and risk factors of prediabetes and type 2 diabetes in a Singaporean Malay cohort. <i>Diabetes Research and Clinical Practice</i> , <b>2017</b> , 127, 163-171	7.4	12
226	Systemic hypertension associated retinal microvascular changes can be detected with optical coherence tomography angiography. <i>Scientific Reports</i> , <b>2020</b> , 10, 9580	4.9	12
225	Profiles of Ganglion Cell-Inner Plexiform Layer Thickness in a Multi-Ethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology</i> , <b>2020</b> , 127, 1064-1076	7.3	12
224	Peripheral retinal changes in highly myopic young Asian eyes. <i>Acta Ophthalmologica</i> , <b>2018</b> , 96, e846-e851	3.7	12
223	Differential effect of body mass index on the incidence of diabetes and diabetic retinopathy in two Asian populations. <i>Nutrition and Diabetes</i> , <b>2018</b> , 8, 16	4.7	12
222	Structure-function correlations using scanning laser polarimetry in primary angle-closure glaucoma and primary open-angle glaucoma. <i>American Journal of Ophthalmology</i> , <b>2010</b> , 149, 817-25.e1	4.9	12
221	Automatic detection of the macula in retinal fundus images using seeded mode tracking approach. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2012</b> , 2012, 4950-3	0.9	12
220	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> , <b>2018</b> , 13, e0199134	3.7	12
219	Determinants and characteristics of angle-closure disease in an elderly Chinese population. <i>Ophthalmic Epidemiology</i> , <b>2015</b> , 22, 109-15	1.9	11
218	Iris Crypts Influence Dynamic Changes of Iris Volume. <i>Ophthalmology</i> , <b>2016</b> , 123, 2077-84	7.3	11
217	Prevalence and Associations of Retinal Emboli With Ethnicity, Stroke, and Renal Disease in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Disease Study. <i>JAMA Ophthalmology</i> , <b>2017</b> , 135, 1023-1028	3.9	11
216	Genome-wide association study of retinopathy in individuals without diabetes. <i>PLoS ONE</i> , <b>2013</b> , 8, e54232	3.7	11

215	Genome-Wide Association Study in Asians Identifies Novel Loci for High Myopia and Highlights a Nervous System Role in Its Pathogenesis. <i>Ophthalmology</i> , <b>2020</b> , 127, 1612-1624	7.3	11
214	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> , <b>2020</b> , 5, e000533 <sup>3,2</sup>	3.2	11
213	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	11
212	Six-Year Incidence of and Risk Factors for Cataract Surgery in a Multi-ethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology</i> , <b>2018</b> , 125, 1844-1853	7.3	11
211	Changes in the Anterior Lamina Cribrosa Morphology with Glaucoma Severity. <i>Scientific Reports</i> , <b>2019</b> , 9, 6612	4.9	10
210	Using Unocular Visual Acuity Substantially Underestimates the Impact of Visual Impairment on Quality of Life Compared with Binocular Visual Acuity. <i>Ophthalmology</i> , <b>2020</b> , 127, 1145-1151	7.3	10
209	Social, health and ocular factors associated with primary open-angle glaucoma amongst Chinese Singaporeans. <i>Clinical and Experimental Ophthalmology</i> , <b>2018</b> , 46, 25-34	2.4	10
208	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> , <b>2019</b> , 103, 894-899 <sup>5,5</sup>	5.5	10
207	Variation of Peripapillary Scleral Shape With Age <b>2019</b> , 60, 3275-3282		10
206	Performance of the Moorfields motion displacement test for identifying eyes with glaucoma. <i>Ophthalmology</i> , <b>2014</b> , 121, 88-92	7.3	10
205	Serum leptin and age-related macular degeneration <b>2015</b> , 56, 1880-6		10
204	Impact of measurement error on testing genetic association with quantitative traits. <i>PLoS ONE</i> , <b>2014</b> , 9, e87044	3.7	10
203	Branch retinal vein occlusion and optic nerve head topographic parameters: the Singapore Indian eye study. <i>British Journal of Ophthalmology</i> , <b>2013</b> , 97, 611-6	5.5	10
202	Big Data in Ophthalmology. <i>Asia-Pacific Journal of Ophthalmology</i> , <b>2020</b> , 9, 291-298	3.5	10
201	Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. <i>ELife</i> , <b>2021</b> , 10,	8.9	10
200	Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. <i>Communications Biology</i> , <b>2019</b> , 2, 435	6.7	10
199	Six-Year Changes in Myopic Macular Degeneration in Adults of the Singapore Epidemiology of Eye Diseases Study <b>2020</b> , 61, 14		10
198	Patterns and Determinants of Choroidal Thickness in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology Retina</i> , <b>2021</b> , 5, 458-467	3.8	10

197	Relationship Between Sleep and Symptoms of Tear Dysfunction in Singapore Malays and Indians <b>2019</b> , 60, 1889-1897		9
196	Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error. <i>Communications Biology</i> , <b>2020</b> , 3, 133	6.7	9
195	Homocysteine and Cerebral Atrophy: The Epidemiology of Dementia in Singapore Study. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 62, 877-885	4.3	9
194	Genetic correlations between intraocular pressure, blood pressure and primary open-angle glaucoma: a multi-cohort analysis. <i>European Journal of Human Genetics</i> , <b>2017</b> , 25, 1261-1267	5.3	9
193	Prevalence of cataract surgery and visual outcomes in Indian immigrants in Singapore: the Singapore Indian eye study. <i>PLoS ONE</i> , <b>2013</b> , 8, e75584	3.7	9
192	Deep learning algorithms to isolate and quantify the structures of the anterior segment in optical coherence tomography images. <i>British Journal of Ophthalmology</i> , <b>2021</b> , 105, 1231-1237	5.5	9
191	Decrease in Choroidal Vascularity Index of Haller's layer in diabetic eyes precedes retinopathy. <i>BMJ Open Diabetes Research and Care</i> , <b>2020</b> , 8,	4.5	9
190	Inter-Relationships Between Retinal Vascular Caliber, Retinal Nerve Fiber Layer Thickness, and Glaucoma: A Mediation Analysis Approach <b>2016</b> , 57, 3803-9		9
189	Risk of Incident Cardiovascular Disease and Cardiovascular Risk Factors in First and Second-Generation Indians: The Singapore Indian Eye Study. <i>Scientific Reports</i> , <b>2018</b> , 8, 14805	4.9	9
188	Correlation of Color Fundus Photograph Grading with Risks of Early Age-related Macular Degeneration by using Automated OCT-derived Drusen Measurements. <i>Scientific Reports</i> , <b>2018</b> , 8, 12937	4.9	9
187	Comparison of Corneal Biomechanical Properties between Indian and Chinese Adults. <i>Ophthalmology</i> , <b>2017</b> , 124, 1271-1279	7.3	8
186	Crowdsourcing to Evaluate Fundus Photographs for the Presence of Glaucoma. <i>Journal of Glaucoma</i> , <b>2017</b> , 26, 505-510	2.1	8
185	Cerebral Small Vessel Disease and Enlarged Perivascular Spaces-Data From Memory Clinic and Population-Based Settings. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 669	4.1	8
184	Is aspirin associated with diabetic retinopathy? The Singapore Epidemiology of Eye Disease (SEED) study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0175966	3.7	8
183	Urinary Isoprostane Levels and Age-Related Macular Degeneration <b>2017</b> , 58, 2538-2543		8
182	Visual Impairment in Old and Very Old Community-dwelling Asian Adults. <i>Ophthalmology</i> , <b>2016</b> , 123, 2436-2438	7.3	8
181	Linking a genome-wide association study signal to a LRRK2 coding variant in Parkinson's disease. <i>Movement Disorders</i> , <b>2016</b> , 31, 484-7	7	8
180	Associations Between Methylene tetrahydrofolate Reductase Polymorphisms, Serum Homocysteine Levels, and Incident Cortical Cataract. <i>JAMA Ophthalmology</i> , <b>2016</b> , 134, 522-528	3.9	8

179	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> , <b>2019</b> , 71, 341-351	4.3	8
178	cnvCapSeq: detecting copy number variation in long-range targeted resequencing data. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, e158	20.1	8
177	Automatic Grading of Cortical and PSC Cataracts Using Retroillumination Lens Images. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 256-267	0.9	8
176	New digital models of care in ophthalmology, during and beyond the COVID-19 pandemic. <i>British Journal of Ophthalmology</i> , <b>2021</b> ,	5.5	8
175	COVID-19 awareness, knowledge and perception towards digital health in an urban multi-ethnic Asian population. <i>Scientific Reports</i> , <b>2021</b> , 11, 10795	4.9	8
174	MRI of posterior eye shape and its associations with myopia and ethnicity. <i>British Journal of Ophthalmology</i> , <b>2020</b> , 104, 1239-1245	5.5	8
173	Age-related changes of individual macular retinal layers among Asians. <i>Scientific Reports</i> , <b>2019</b> , 9, 20352	4.9	8
172	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> , <b>2021</b> , 3, e29-e40	14.4	8
171	Macular thickness profile and diabetic retinopathy: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , <b>2018</b> , 102, 1072-1076	5.5	8
170	Sleep Duration and Diabetic Kidney Disease. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 808	5.7	7
169	Is Myopia Associated with the Incidence and Progression of Diabetic Retinopathy?. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 208, 226-233	4.9	7
168	Diagnostic Ability of Individual Macular Layers by Spectral-Domain OCT in Different Stages of Glaucoma. <i>Ophthalmology Glaucoma</i> , <b>2020</b> , 3, 314-326	2.2	7
167	Association of variants with hemoglobin A1c and impact on diabetes diagnosis in East Asian individuals. <i>BMJ Open Diabetes Research and Care</i> , <b>2020</b> , 8,	4.5	7
166	Association of Changes in Visual Acuity With Vision-Specific Functioning in the Singapore Malay Eye Study. <i>JAMA Ophthalmology</i> , <b>2016</b> , 134, 1299-1305	3.9	7
165	Six-Year Incidence and Risk Factors of Age-Related Macular Degeneration in Singaporean Indians: The Singapore Indian Eye Study. <i>Scientific Reports</i> , <b>2018</b> , 8, 8869	4.9	7
164	Integration of Genetic and Biometric Risk Factors for Detection of Primary Angle Closure Glaucoma. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 208, 160-165	4.9	7
163	Ankle brachial index, MRI markers and cognition: The Epidemiology of Dementia in Singapore study. <i>Atherosclerosis</i> , <b>2017</b> , 263, 272-277	3.1	7
162	Characteristics of myopic traction maculopathy in myopic Singaporean adults. <i>British Journal of Ophthalmology</i> , <b>2021</b> , 105, 531-537	5.5	7

161	Deep Learning for Automated Sorting of Retinal Photographs. <i>Ophthalmology Retina</i> , <b>2020</b> , 4, 793-800	3.8	7
160	Association of iris surface features with iris parameters assessed by swept-source optical coherence tomography in Asian eyes. <i>British Journal of Ophthalmology</i> , <b>2016</b> , 100, 1682-1685	5.5	7
159	Validation of the Total Cerebrovascular Disease Burden Scale in a Community Sample. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 52, 1021-8	4.3	7
158	Iris and its relevance to angle closure disease: a review. <i>British Journal of Ophthalmology</i> , <b>2021</b> , 105, 3-8	5.5	7
157	Evaluation of Primary Angle-Closure Glaucoma Susceptibility Loci for Estimating Angle Closure Disease Severity. <i>Ophthalmology</i> , <b>2021</b> , 128, 403-409	7.3	7
156	Haemoglobin, magnetic resonance imaging markers and cognition: a subsample of population-based study. <i>Alzheimer's Research and Therapy</i> , <b>2018</b> , 10, 114	9	7
155	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. <i>Nature Genetics</i> , <b>2022</b> ,	36.3	7
154	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> , <b>2017</b> , 20, 215-220	3.5	6
153	Is kidney function associated with primary open-angle glaucoma? Findings from the Asian Eye Epidemiology Consortium. <i>British Journal of Ophthalmology</i> , <b>2020</b> , 104, 1298-1303	5.5	6
152	Impact of Incidence and Progression of Diabetic Retinopathy on Vision-Specific Functioning. <i>Ophthalmology</i> , <b>2018</b> , 125, 1401-1409	7.3	6
151	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> , <b>2017</b> , 7, 7173	4.9	6
150	Effects of bimatoprost 0.03% on ocular hemodynamics in normal tension glaucoma. <i>Journal of Ocular Pharmacology and Therapeutics</i> , <b>2006</b> , 22, 188-93	2.6	6
149	Towards label-free 3D segmentation of optical coherence tomography images of the optic nerve head using deep learning. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 6356-6378	3.5	6
148	Prevalence and predictors of myopic macular degeneration among Asian adults: pooled analysis from the Asian Eye Epidemiology Consortium. <i>British Journal of Ophthalmology</i> , <b>2021</b> , 105, 1140-1148	5.5	6
147	Highlights from the 2019 International Myopia Summit on 'controversies in myopia'. <i>British Journal of Ophthalmology</i> , <b>2021</b> , 105, 1196-1202	5.5	6
146	Describing the Structural Phenotype of the Glaucomatous Optic Nerve Head Using Artificial Intelligence. <i>American Journal of Ophthalmology</i> , <b>2021</b> ,	4.9	6
145	Racial/Ethnic Differences in Cognitive Symptoms During the Menopausal Transition. <i>Western Journal of Nursing Research</i> , <b>2019</b> , 41, 217-237	2	6
144	Factors affecting the diagnostic performance of circumpapillary retinal nerve fibre layer measurement in glaucoma. <i>British Journal of Ophthalmology</i> , <b>2021</b> , 105, 397-402	5.5	6

143	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , <b>2021</b> , 99, 926-939	9.9	6
142	Deep Learning Approach for Automated Detection of Myopic Maculopathy and Pathologic Myopia in Fundus Images. <i>Ophthalmology Retina</i> , <b>2021</b> , 5, 1235-1244	3.8	6
141	Analyses of biomarker traits in diverse UK biobank participants identify associations missed by European-centric analysis strategies. <i>Journal of Human Genetics</i> , <b>2021</b> ,	4.3	6
140	Six-year incidence and progression of diabetic retinopathy in Indian adults: the Singapore Indian Eye study. <i>British Journal of Ophthalmology</i> , <b>2019</b> , 103, 1732-1739	5.5	5
139	VIMCO: variational inference for multiple correlated outcomes in genome-wide association studies. <i>Bioinformatics</i> , <b>2019</b> , 35, 3693-3700	7.2	5
138	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> , <b>2015</b> , 78, 418-23	2.8	5
137	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> , <b>2020</b> , 104, 836-841	5.5	5
136	Association between Macular Thickness Profiles and Visual Function in Healthy Eyes: The Singapore Epidemiology of Eye Diseases (SEED) Study. <i>Scientific Reports</i> , <b>2020</b> , 10, 6142	4.9	5
135	High-Density Lipoprotein Cholesterol in Age-Related Ocular Diseases. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	5
134	Associations of Peripapillary Atrophy and Fundus Tessellation with Diabetic Retinopathy. <i>Ophthalmology Retina</i> , <b>2018</b> , 2, 574-581	3.8	5
133	Factors that influence tear meniscus area and conjunctivochalasis: The Singapore Indian eye study. <i>Ophthalmic Epidemiology</i> , <b>2018</b> , 25, 70-78	1.9	5
132	Development of the Computerized Model of Performance-Based Measurement System to Measure Nurses' Clinical Competence. <i>CIN - Computers Informatics Nursing</i> , <b>2016</b> , 34, 159-68; quiz 191	1.4	5
131	Genetic variants linked to myopic macular degeneration in persons with high myopia: CREAM Consortium. <i>PLoS ONE</i> , <b>2019</b> , 14, e0220143	3.7	5
130	Validity of a new optic disc grading software for use in clinical and epidemiological research. <i>Clinical and Experimental Ophthalmology</i> , <b>2013</b> , 41, 842-52	2.4	5
129	Genome-wide linkage analysis of multiple metabolic factors: evidence of genetic heterogeneity. <i>Obesity</i> , <b>2010</b> , 18, 146-52	8	5
128	Genetic Architecture of Subcortical Brain Structures in Over 40,000 Individuals Worldwide		5
127	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. <i>Journal of the Neurological Sciences</i> , <b>2020</b> , 408, 116510	3.2	5
126	Development and clinical deployment of a smartphone-based visual field deep learning system for glaucoma detection. <i>Npj Digital Medicine</i> , <b>2020</b> , 3, 123	15.7	5

125	Statistical inference for decision curve analysis, with applications to cataract diagnosis. <i>Statistics in Medicine</i> , <b>2020</b> , 39, 2980-3002	2.3	5
124	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. <i>Nature Communications</i> , <b>2021</b> , 12, 3505	17.4	5
123	Association of Diabetes With Central Corneal Thickness Among a Multiethnic Asian Population. <i>JAMA Network Open</i> , <b>2019</b> , 2, e186647	10.4	5
122	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> , <b>2019</b> , 103, 1314-1319	5.5	5
121	Association of Antihypertensive Medication with Retinal Nerve Fiber Layer and Ganglion Cell-Inner Plexiform Layer Thickness. <i>Ophthalmology</i> , <b>2021</b> , 128, 393-400	7.3	5
120	The Differential Impact of Age on Vision-Related Quality of Life across the Visual Impairment Spectrum. <i>Ophthalmology</i> , <b>2021</b> , 128, 354-363	7.3	5
119	Characteristics of p.Gln368Ter Myocilin Variant and Influence of Polygenic Risk on Glaucoma Penetrance in the UK Biobank. <i>Ophthalmology</i> , <b>2021</b> , 128, 1300-1311	7.3	5
118	The Global Extent of Undetected Glaucoma in Adults: A Systematic Review and Meta-analysis. <i>Ophthalmology</i> , <b>2021</b> , 128, 1393-1404	7.3	5
117	Evaluation of transethnic fine mapping with population-specific and cosmopolitan imputation reference panels in diverse Asian populations. <i>European Journal of Human Genetics</i> , <b>2016</b> , 24, 592-9	5.3	4
116	Association of iris crypts with acute primary angle closure. <i>British Journal of Ophthalmology</i> , <b>2017</b> , 101, 1318-1322	5.5	4
115	Ethnic Differences in the Association Between Age-Related Macular Degeneration and Vision-Specific Functioning. <i>JAMA Ophthalmology</i> , <b>2017</b> , 135, 469-476	3.9	4
114	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> , <b>2019</b> , 103, 1406-1412	5.5	4
113	Simplified end stage renal failure risk prediction model for the low-risk general population with chronic kidney disease. <i>PLoS ONE</i> , <b>2019</b> , 14, e0212590	3.7	4
112	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> , <b>2020</b> , 3, e208035	10.4	4
111	Interethnic differences in neuroimaging markers and cognition in Asians, a population-based study. <i>Scientific Reports</i> , <b>2020</b> , 10, 2655	4.9	4
110	Incidence, progression and risk factors of age-related cataract in Malays: The Singapore Malay Eye Study. <i>Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 48, 580-592	2.4	4
109	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> , <b>2018</b> , 102, 1653-1657	5.5	4
108	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> , <b>2018</b> , 31, 70-75	3.8	4



107	Regression models with ordered multiple categorical predictors. <i>Journal of Statistical Computation and Simulation</i> , <b>2018</b> , 88, 3164-3178	0.9	4
106	Distribution and associated factors of optic disc diameter and cup-to-disc ratio in an elderly Chinese population. <i>Journal of the Chinese Medical Association</i> , <b>2014</b> , 77, 203-8	2.8	4
105	Automated Detection of Iris Furrows and their Influence on Dynamic Iris Volume Change. <i>Scientific Reports</i> , <b>2017</b> , 7, 17894	4.9	4
104	Protective effect of smoking against pterygium development in men: a nationwide longitudinal cohort study in South Korea. <i>BMJ Open</i> , <b>2017</b> , 7, e017014	3	4
103	Ethnic differences in undercorrected refractive error in Asians. <i>Optometry and Vision Science</i> , <b>2014</b> , 91, 212-20	2.1	4
102	Familial correlation of retinal vascular caliber in Singapore Chinese <b>2013</b> , 54, 5638-42		4
101	Use of latanoprost to reduce acute intraocular pressure rise following neodymium: Yag laser iridotomy. <i>Acta Ophthalmologica</i> , <b>2002</b> , 80, 282-6		4
100	A large cross-ancestry meta-analysis of genome-wide association studies identifies 69 novel risk loci for primary open-angle glaucoma and includes a genetic link with Alzheimer's disease		4
99	Identification of type 2 diabetes loci in 433,540 East Asian individuals		4
98	Tissue-Specific Alteration of Metabolic Pathways Influences Glycemic Regulation		4
97	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> , <b>2020</b> , 9, 11	3.3	4
96	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> , <b>2020</b> , 105,	5.6	4
95	Near work, screen time, outdoor time and myopia in schoolchildren in the Sunflower Myopia AEEC Consortium. <i>Acta Ophthalmologica</i> , <b>2021</b> ,	3.7	4
94	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. <i>JAMA Ophthalmology</i> , <b>2021</b> , 139, 601-609	3.9	4
93	Additive effect of cerebral atrophy on cognition in dementia-free elderly with cerebrovascular disease. <i>Stroke and Vascular Neurology</i> , <b>2019</b> , 4, 135-140	9.1	4
92	Role of socio-economic factors in visual impairment and progression of diabetic retinopathy. <i>British Journal of Ophthalmology</i> , <b>2021</b> , 105, 420-425	5.5	4
91	U-Shaped Relationship between Serum Leptin Concentration and Cognitive Performance in Older Asian Adults. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	3
90	Peripapillary sclera exhibits a v-shaped configuration that is more pronounced in glaucoma eyes. <i>British Journal of Ophthalmology</i> , <b>2020</b> ,	5.5	3

89	Global assessment of arteriolar, venular and capillary changes in normal tension glaucoma. <i>Scientific Reports</i> , <b>2020</b> , 10, 19222	4.9	3
88	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 2111-2125	15.1	3
87	Intravitreal aflibercept for proliferative diabetic retinopathy. <i>Lancet, The</i> , <b>2017</b> , 390, 2140-2141	40	3
86	A Digital Staining Algorithm for Optical Coherence Tomography Images of the Optic Nerve Head. <i>Translational Vision Science and Technology</i> , <b>2017</b> , 6, 8	3.3	3
85	Automatic pterygium detection on cornea images to enhance computer-aided cortical cataract grading system. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2012</b> , 2012, 4434-7	0.9	3
84	Automatic localization of retinal landmarks. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2012</b> , 2012, 4954-7	0.9	3
83	Rationale and Methodology of The PopulatioN HEalth and Eye Disease PRofile in Elderly Singaporeans Study [PIONEER] <b>2020</b> , 11, 1444-1458		3
82	Superpixel Classification Based Optic Disc Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 293-304		3
81	Large-scale whole-genome sequencing of three diverse Asian populations in Singapore		3
80	Asian-specific vertical cup-to-disc ratio cut-off for glaucoma screening: An evidence-based recommendation from a multi-ethnic Asian population. <i>Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 48, 1210-1218	2.4	3
79	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. <i>Communications Biology</i> , <b>2020</b> , 3, 755	6.7	3
78	Albuminuria and Primary Open-Angle Glaucoma: the Singapore Chinese Eye Study (SCES). <i>British Journal of Ophthalmology</i> , <b>2021</b> , 105, 669-673	5.5	3
77	Gender Prediction for a Multiethnic Population via Deep Learning Across Different Retinal Fundus Photograph Fields: Retrospective Cross-sectional Study. <i>JMIR Medical Informatics</i> , <b>2021</b> , 9, e25165	3.6	3
76	The Informant AD8 Can Discriminate Patients with Dementia From Healthy Control Participants in an Asian Older Cohort. <i>Journal of the American Medical Directors Association</i> , <b>2019</b> , 20, 775-779	5.9	2
75	Performance competence of pregraduate nursing students and hospital nurses: A comparison study. <i>Journal of Clinical Nursing</i> , <b>2020</b> , 29, 2652-2662	3.2	2
74	Clusters of midlife women identified by cognitive symptoms. <i>Maturitas</i> , <b>2018</b> , 110, 33-40	5	2
73	Diet and risk of myopia in three-year-old Singapore children: the GUSTO cohort. <i>Australasian journal of optometry, The</i> , <b>2018</b> , 101, 692-699	2.7	2
72	Assessing the Causality between Blood Pressure and Retinal Vascular Caliber through Mendelian Randomisation. <i>Scientific Reports</i> , <b>2016</b> , 6, 22031	4.9	2

71	Bayesian reclassification statistics for assessing improvements in diagnostic accuracy. <i>Statistics in Medicine</i> , <b>2016</b> , 35, 2574-92	2.3	2
70	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> , <b>2015</b> , 10, e0119570	3.7	2
69	Self-assessment for optic disc segmentation. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2013</b> , 2013, 5861-4	0.9	2
68	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> , <b>2021</b> ,	5.5	2
67	Association of alcohol intake with incidence and progression of diabetic retinopathy. <i>British Journal of Ophthalmology</i> , <b>2021</b> , 105, 538-542	5.5	2
66	Rare coding variants in 35 genes associate with circulating lipid levels in a multi-ancestry analysis of 170,000 exomes		2
65	Genetic discovery and translational decision support from exome sequencing of 20,791 type 2 diabetes cases and 24,440 controls from five ancestries		2
64	Detection of anaemia from retinal images. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 2-3	19	2
63	Association of Glaucoma Risk Genes with Retinal Nerve Fiber Layer in a Multi-ethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study <b>2020</b> , 61, 37		2
62	Computer-aided detection and abnormality score for the outer retinal layer in optical coherence tomography. <i>British Journal of Ophthalmology</i> , <b>2021</b> ,	5.5	2
61	A Potential Link Between Ambient Air Pollution and Intraocular Pressure. <i>JAMA Ophthalmology</i> , <b>2019</b> , 137, 137-138	3.9	2
60	Systemic medications and cortical cataract: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , <b>2020</b> , 104, 330-335	5.5	2
59	Evaluation of meridional scans for angle closure assessment with anterior segment swept-source optical coherence tomography. <i>British Journal of Ophthalmology</i> , <b>2021</b> , 105, 131-134	5.5	2
58	The Impact of Strategic White Matter Hyperintensity Lesion Location on Language. <i>American Journal of Geriatric Psychiatry</i> , <b>2021</b> , 29, 156-165	6.5	2
57	A systematic review and participant-level meta-analysis found little association of retinal microvascular caliber with reduced kidney function. <i>Kidney International</i> , <b>2021</b> , 99, 696-706	9.9	2
56	Association between body mass index and diabetic retinopathy in Asians: the Asian Eye Epidemiology Consortium (AEEC) study. <i>British Journal of Ophthalmology</i> , <b>2021</b> ,	5.5	2
55	Aldose Reductase Polymorphisms, Fasting Blood Glucose, and Age-Related Cortical Cataract <b>2018</b> , 59, 4755-4762		2
54	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> , <b>2021</b> , 9,	4.5	2

53	APOC3 genetic variation, serum triglycerides, and risk of coronary artery disease in Asian Indians, Europeans, and other ethnic groups. <i>Lipids in Health and Disease</i> , <b>2021</b> , 20, 113	4.4	2
52	Association between Body Mass Index and Chronic Kidney Disease in Asian Populations: A Participant-level Meta-Analysis. <i>Maturitas</i> , <b>2021</b> , 154, 46-54	5	2
51	Identification of genetic effects underlying type 2 diabetes in South Asian and European populations.. <i>Communications Biology</i> , <b>2022</b> , 5, 329	6.7	2
50	Agreement in Measures of Macular Perfusion between Optical Coherence Tomography Angiography Machines. <i>Scientific Reports</i> , <b>2020</b> , 10, 8345	4.9	1
49	MRI Markers of Mixed Pathology and Cognitive Impairment in Multiethnic Asians. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 73, 1501-1509	4.3	1
48	Choroidal Nevi in the Singapore Epidemiology of Eye Disease Study. <i>Ophthalmology</i> , <b>2018</b> , 125, 784-786	7.3	1
47	Reply. <i>American Journal of Ophthalmology</i> , <b>2018</b> , 188, 185	4.9	1
46	Author reply: To PMID 24974815. <i>Ophthalmology</i> , <b>2015</b> , 122, e41-2	7.3	1
45	Accounting for standard errors of vision-specific latent trait in regression models <b>2014</b> , 55, 5848-54		1
44	Scanning laser polarimetry with variable corneal compensation in primary angle-closure glaucoma. <i>Ophthalmology</i> , <b>2008</b> , 115, 1334-9	7.3	1
43	Determinants of lamina cribrosa depth in healthy Asian eyes: the Singapore Epidemiology Eye Study. <i>British Journal of Ophthalmology</i> , <b>2021</b> , 105, 367-373	5.5	1
42	Deep Learning Automated Diagnosis and Quantitative Classification of Cataract Type and Severity.. <i>Ophthalmology</i> , <b>2022</b> ,	7.3	1
41	Multivariate Normative Comparison, a Novel Method for Improved Use of Retinal Nerve Fiber Layer Thickness to Detect Early Glaucoma. <i>Ophthalmology Glaucoma</i> , <b>2021</b> ,	2.2	1
40	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes		1
39	Machine learning to determine relative contribution of modifiable and non-modifiable risk factors of major eye diseases. <i>British Journal of Ophthalmology</i> , <b>2020</b> ,	5.5	1
38	Normative profiles of neuroretinal rim area in a multiethnic Asian population: the Singapore Epidemiology of Eye Diseases study. <i>British Journal of Ophthalmology</i> , <b>2020</b> ,	5.5	1
37	Analysis of 47 Non-MHC Ankylosing Spondylitis Susceptibility Loci Regarding Associated Variants across Whites and Han Chinese. <i>Journal of Rheumatology</i> , <b>2020</b> , 47, 674-681	4.1	1
36	Vision, vision-specific functioning and mobility, and their relationship with clinically assessed cognitive impairment. <i>Age and Ageing</i> , <b>2021</b> , 50, 1236-1242	3	1

35	White matter network damage mediates association between cerebrovascular disease and cognition. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2021</b> , 41, 1858-1872	7.3	1
34	Deep-Learning-Based Pre-Diagnosis Assessment Module for Retinal Photographs: A Multicenter Study. <i>Translational Vision Science and Technology</i> , <b>2021</b> , 10, 16	3.3	1
33	Six-year incidence and systemic associations of retinopathy in a multi-ethnic Asian population without diabetes. <i>British Journal of Ophthalmology</i> , <b>2021</b> ,	5.5	1
32	Detecting visually significant cataract using retinal photograph-based deep learning. <i>Nature Aging</i> , <b>2022</b> , 2, 264-271		1
31	Detection of Systemic Diseases From Ocular Images Using Artificial Intelligence: A Systematic Review.. <i>Asia-Pacific Journal of Ophthalmology</i> , <b>2022</b> , 11, 126-139	3.5	1
30	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , <b>2022</b> , 5,	6.7	1
29	Relationship between Myopia Severity and Macular Retinal Thickness on Visual Performance under Different Lighting Conditions. <i>Ophthalmology Retina</i> , <b>2017</b> , 1, 339-346	3.8	0
28	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> , <b>2020</b> , 104, 1591-1595	5.5	0
27	Efficient optic cup localization using regional propagation based on retinal structure priors. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2012</b> , 2012, 1430-3	0.9	0
26	Six-Year Incidence and Risk Factors of Primary Glaucoma in the Singapore Indian Eye Study. <i>Ophthalmology Glaucoma</i> , <b>2021</b> , 4, 201-208	2.2	0
25	Prevalence of retinitis pigmentosa in Singapore: the Singapore Epidemiology of Eye Diseases Study. <i>Acta Ophthalmologica</i> , <b>2021</b> , 99, e134-e135	3.7	0
24	Ethnic differences in the incidence of pterygium in a multi-ethnic Asian population: the Singapore Epidemiology of Eye Diseases Study. <i>Scientific Reports</i> , <b>2021</b> , 11, 501	4.9	0
23	Retinal microvascular signs and risk of diabetic kidney disease in asian and white populations. <i>Scientific Reports</i> , <b>2021</b> , 11, 4898	4.9	0
22	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> , <b>2021</b> , 231, 88-100	4.9	0
21	Three-dimensional modelling of the choroidal angioarchitecture in a multi-ethnic Asian population.. <i>Scientific Reports</i> , <b>2022</b> , 12, 3831	4.9	0
20	Reply to choroidal thickness, correlations, and systemic disease. <i>Survey of Ophthalmology</i> , <b>2017</b> , 62, 251-252		
19	The Effect of Gender on Visual Field Sensitivity: The Singapore Chinese Eye Study. <i>Ophthalmic Epidemiology</i> , <b>2019</b> , 26, 183-188	1.9	
18	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> , <b>2019</b> , 309-315	0.9	

17	Interaction Between Peroxisome Proliferator Activated Receptor $\alpha$ and Epithelial Membrane Protein 2 Polymorphisms Influences HDL-C Levels in the Chinese Population. <i>Annals of Human Genetics</i> , <b>2016</b> , 80, 282-93	2.2
16	Reply. <i>American Journal of Ophthalmology</i> , <b>2016</b> , 168, 296	4.9
15	Reply. <i>Ophthalmology</i> , <b>2018</b> , 125, e55	7.3
14	Metabolic Syndrome and Cataract <b>2014</b> , 191-200	
13	Genetic markers for age-related macular degeneration <b>2014</b> , 74-94	
12	Sector-based optic cup segmentation with intensity and blood vessel priors. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2012</b> , 2012, 1454-7	0.9
11	Unique Genetic Signatures in Asian Age-Related Macular Degeneration: An Opportunity for Drug Development. <i>Essentials in Ophthalmology</i> , <b>2017</b> , 497-507	0.2
10	Response to: Revisiting the Problem of Optic Nerve Detection in a Retinal Image Using Automated Machine Learning. <i>Asia-Pacific Journal of Ophthalmology</i> , <b>2021</b> , 10, 337	3.5
9	Emergence of non-artificial intelligence digital health innovations in ophthalmology: A systematic review. <i>Clinical and Experimental Ophthalmology</i> , <b>2021</b> , 49, 741-756	2.4
8	P1-399: The Combined Utility of Brief Cognitive Tests for The Detection of Mild Cognitive Impairment: Epidemiology of Dementia in Singapore Study <b>2016</b> , 12, P586-P587	
7	Response to: Comment on: "Do we have enough ophthalmologists to manage vision-threatening diabetic retinopathy? A global perspective". <i>Eye</i> , <b>2021</b> , 35, 692-693	4.4
6	Genetic Epidemiology of Quantitative Traits of Primary Open Angle Glaucoma. <i>Essentials in Ophthalmology</i> , <b>2021</b> , 121-132	0.2
5	A Clinician's Introduction to Artificial Intelligence. <i>Current Practices in Ophthalmology</i> , <b>2021</b> , 1-11	0
4	Reply. <i>American Journal of Ophthalmology</i> , <b>2018</b> , 192, 252	4.9
3	Identification of novel loci influencing refractive error in East Asian populations using an extreme phenotype design. <i>Journal of Genetics and Genomics</i> , <b>2021</b> , 49, 54-54	4
2	Serum Cholesterol Efflux Capacity in Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy. <i>Ophthalmology Science</i> , <b>2022</b> , 100142	
1	Different impact of early and late stages irreversible eye diseases on vision-specific quality of life domains.. <i>Scientific Reports</i> , <b>2022</b> , 12, 8465	4.9