

Ching-Yu Cheng

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3291917/ching-yu-cheng-publications-by-citations.pdf>

Version: 2024-04-09

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

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

377
papers

27,980
citations

67
h-index

160
g-index

390
ext. papers

35,599
ext. citations

7.7
avg, IF

6.63
L-index

#	Paper	IF	Citations
377	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 1289 million children, adolescents, and adults. <i>Lancet, The</i> , 2017 , 390, 2627-2642	40	2980
376	Global prevalence of glaucoma and projections of glaucoma burden through 2040: a systematic review and meta-analysis. <i>Ophthalmology</i> , 2014 , 121, 2081-90	7.3	2839
375	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, e106-16	13.6	2052
374	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	40	1964
373	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 1901 million participants. <i>Lancet, The</i> , 2017 , 389, 37-55	40	1100
372	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, 2211-2223	27.4	838
371	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47	50.4	704
370	Seven new loci associated with age-related macular degeneration. <i>Nature Genetics</i> , 2013 , 45, 433-9, 439e1-3	36.3	577
369	Prevalence of dry eye among an elderly Chinese population in Taiwan: the Shihpai Eye Study. <i>Ophthalmology</i> , 2003 , 110, 1096-101	7.3	457
368	Genome-wide association studies identify four ER negative-specific breast cancer risk loci. <i>Nature Genetics</i> , 2013 , 45, 392-8, 398e1-2	36.3	327
367	Superpixel classification based optic disc and optic cup segmentation for glaucoma screening. <i>IEEE Transactions on Medical Imaging</i> , 2013 , 32, 1019-32	11.7	327
366	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , 2013 , 45, 314-8	36.3	314
365	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	4.9	269
364	Prevalence and causes of visual impairment in an elderly Chinese population in Taiwan: the Shihpai Eye Study. <i>Ophthalmology</i> , 2004 , 111, 62-9	7.3	265
363	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	36.3	251
362	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	6	251
361	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. <i>JAMA Oncology</i> , 2017 , 3, 636-651	13.4	236

360	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	36.3	223
359	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transthectic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017 , 14, e1002383	11.6	223
358	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. <i>Nature Genetics</i> , 2013 , 45, 155-63	36.3	222
357	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972	36.3	217
356	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
355	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	36.3	171
354	Genome-wide association analyses identify three new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , 2012 , 44, 1142-1146	36.3	160
353	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. <i>Nature Genetics</i> , 2016 , 48, 189-94	36.3	159
352	Incidence and progression of diabetic retinopathy: a systematic review. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 140-149	18.1	150
351	Refractive errors in an elderly Chinese population in Taiwan: the Shihpai Eye Study. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 4630-8		150
350	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015 , 6, 5897	17.4	147
349	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
348	The age-specific prevalence of myopia in Asia: a meta-analysis. <i>Optometry and Vision Science</i> , 2015 , 92, 258-66	2.1	142
347	State of science: Choroidal thickness and systemic health. <i>Survey of Ophthalmology</i> , 2016 , 61, 566-81	6.1	138
346	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018 , 50, 834-848	36.3	135
345	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019 , 570, 71-76	50.4	129
344	Deep whole-genome sequencing of 100 southeast Asian Malays. <i>American Journal of Human Genetics</i> , 2013 , 92, 52-66	11	122
343	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	36.3	122

342	Prevalence of refractive errors in a multiethnic Asian population: the Singapore epidemiology of eye disease study 2013 , 54, 2590-8	120
341	New loci and coding variants confer risk for age-related macular degeneration in East Asians. <i>Nature Communications</i> , 2015 , 6, 6063	17.4 118
340	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, 264-77	11 116
339	Retinal nerve fiber layer thickness in unilateral amblyopia. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 2224-30	114
338	Four novel Loci (19q13, 6q24, 12q24, and 5q14) influence the microcirculation in vivo. <i>PLoS Genetics</i> , 2010 , 6, e1001184	6 111
337	Glaucoma in Asia: regional prevalence variations and future projections. <i>British Journal of Ophthalmology</i> , 2016 , 100, 78-85	5.5 110
336	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , 2016 , 48, 556-62	36.3 109
335	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> , 2006 , 47, 3242-6	104
334	Kidney and eye diseases: common risk factors, etiological mechanisms, and pathways. <i>Kidney International</i> , 2014 , 85, 1290-302	9.9 103
333	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, 388-94	4.1 103
332	Prevalence and associated risk factors of age-related macular degeneration in an elderly Chinese population in Taiwan: the Shihpai Eye Study 2008 , 49, 3126-33	102
331	Epidemiologic study of age-related cataracts among an elderly Chinese population in Shih-Pai, Taiwan. <i>Ophthalmology</i> , 2003 , 110, 1089-95	7.3 96
330	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> , 2005 , 46, 1593-8	92
329	Association of ocular dominance and anisometropic myopia. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 2856-60	91
328	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	5.6 90
327	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	36.3 83
326	Cortical cerebral microinfarcts on 3T MRI: A novel marker of cerebrovascular disease. <i>Neurology</i> , 2016 , 87, 1583-1590	6.5 81
325	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, 438-453	5.6 80

324	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> , 2014 , 95, 24-38	11	80
323	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , 2016 , 7, 11008	17.4	79
322	Genetic variants on chromosome 1q41 influence ocular axial length and high myopia. <i>PLoS Genetics</i> , 2012 , 8, e1002753	6	77
321	Genome-wide association study of Parkinson disease in East Asians. <i>Human Molecular Genetics</i> , 2017 , 26, 226-232	5.6	75
320	Integrative review of research on general health status and prevalence of common physical health conditions of women after childbirth. <i>Women's Health Issues</i> , 2008 , 18, 267-80	2.6	73
319	Quantitative assessment of retinal thickness in diabetic patients with and without clinically significant macular edema using optical coherence tomography. <i>Acta Ophthalmologica</i> , 2001 , 79, 266-70		73
318	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	36.3	72
317	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , 2018 , 27, 1486-1496	5.6	72
316	Identification of new susceptibility loci for IgA nephropathy in Han Chinese. <i>Nature Communications</i> , 2015 , 6, 7270	17.4	72
315	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. <i>Human Molecular Genetics</i> , 2015 , 24, 1791-800	5.6	71
314	The Prevalence and Types of Glaucoma in an Urban Chinese Population: The Singapore Chinese Eye Study. <i>JAMA Ophthalmology</i> , 2015 , 133, 874-80	3.9	71
313	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. <i>Nature Communications</i> , 2014 , 5, 4883	17.4	71
312	Plasma Metabonomic Profiling of Diabetic Retinopathy. <i>Diabetes</i> , 2016 , 65, 1099-108	0.9	68
311	Retinal ganglion cell neuronal damage in diabetes and diabetic retinopathy. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 243-50	2.4	68
310	Determinants of anterior chamber depth: the Singapore Chinese Eye Study. <i>Ophthalmology</i> , 2012 , 119, 1143-50	7.3	67
309	Prevalence and associated risk factors of myopic maculopathy in elderly Chinese: the Shihpai eye study 2012 , 53, 4868-73		65
308	Ethnic differences of intraocular pressure and central corneal thickness: the Singapore Epidemiology of Eye Diseases study. <i>Ophthalmology</i> , 2014 , 121, 2013-22	7.3	64
307	Visual impairment in a Taiwanese population: prevalence, causes, and socioeconomic factors. <i>Ophthalmic Epidemiology</i> , 2001 , 8, 339-50	1.9	64

306	Prevalence, racial variations, and risk factors of age-related macular degeneration in Singaporean Chinese, Indians, and Malays. <i>Ophthalmology</i> , 2014 , 121, 1598-603	7.3	63
305	Admixture mapping of 15,280 African Americans identifies obesity susceptibility loci on chromosomes 5 and X. <i>PLoS Genetics</i> , 2009 , 5, e1000490	6	62
304	Identification of four novel variants that influence central corneal thickness in multi-ethnic Asian populations. <i>Human Molecular Genetics</i> , 2012 , 21, 437-45	5.6	61
303	Genome-wide association study meta-analysis reveals transethnic replication of mean arterial and pulse pressure loci. <i>Hypertension</i> , 2013 , 62, 853-9	8.5	60
302	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	36.3	59
301	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	11	59
300	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	11	59
299	Meta-analysis of Genome-Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. <i>Genetic Epidemiology</i> , 2015 , 39, 207-16	2.6	58
298	Determinants of angle width in Chinese Singaporeans. <i>Ophthalmology</i> , 2012 , 119, 278-82	7.3	58
297	Myopia and age-related cataract: a systematic review and meta-analysis. <i>American Journal of Ophthalmology</i> , 2013 , 156, 1021-1033.e1	4.9	58
296	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	4.9	57
295	Prevalence, Risk Factors, and Impact of Myopic Macular Degeneration on Visual Impairment and Functioning Among Adults in Singapore 2018 , 59, 4603-4613		57
294	Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. <i>Nature Communications</i> , 2015 , 6, 6689	17.4	56
293	Choroidal thickness and high myopia: a case-control study of young Chinese men in Singapore. <i>Acta Ophthalmologica</i> , 2015 , 93, e585-92	3.7	56
292	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	3.7	56
291	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	4.9	55
290	Education influences the association between genetic variants and refractive error: a meta-analysis of five Singapore studies. <i>Human Molecular Genetics</i> , 2014 , 23, 546-54	5.6	55
289	Factors predicting intraocular pressure control after phacoemulsification in angle-closure glaucoma. <i>JAMA Ophthalmology</i> , 2006 , 124, 1390-4		53

288	Ethnic Differences in the Prevalence and Risk Factors of Diabetic Retinopathy: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology</i> , 2018 , 125, 529-536	7.3	53
287	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, 1614-21	5.5	52
286	Intraocular pressure measured with a noncontact tonometer in an elderly Chinese population: the Shihpai Eye Study. <i>JAMA Ophthalmology</i> , 2005 , 123, 381-6		51
285	Genetic determinants of age-related macular degeneration in diverse populations from the PAGE study. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 55, 6839-50		50
284	ABCC5, a gene that influences the anterior chamber depth, is associated with primary angle closure glaucoma. <i>PLoS Genetics</i> , 2014 , 10, e1004089	6	50
283	Hypomorphic Missense Variants Confer Moderate Risks of Breast Cancer. <i>Cancer Research</i> , 2017 , 77, 2789-2799	10.1	49
282	Singapore Indian Eye Study-2: methodology and impact of migration on systemic and eye outcomes. <i>Clinical and Experimental Ophthalmology</i> , 2017 , 45, 779-789	2.4	49
281	Genome-wide association study identifies ZFHX1B as a susceptibility locus for severe myopia. <i>Human Molecular Genetics</i> , 2013 , 22, 5288-94	5.6	49
280	Incidence of eyelid cancers in Taiwan: a 21-year review. <i>Ophthalmology</i> , 2006 , 113, 2101-7	7.3	49
279	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> , 2002 , 109, 2241-7	7.3	49
278	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	4.9	48
277	Comparing methods for performing trans-ethnic meta-analysis of genome-wide association studies. <i>Human Molecular Genetics</i> , 2013 , 22, 2303-11	5.6	48
276	Clinical characteristics and factors associated the outcome of lacrimal canaliculitis. <i>Acta Ophthalmologica</i> , 2011 , 89, 759-63	3.7	48
275	Prevalence and risk factors for epiretinal membrane: the Singapore Epidemiology of Eye Disease study. <i>British Journal of Ophthalmology</i> , 2017 , 101, 371-376	5.5	48
274	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	4.9	47
273	A missense variant in FGD6 confers increased risk of polypoidal choroidal vasculopathy. <i>Nature Genetics</i> , 2016 , 48, 640-7	36.3	47
272	Ancestry, Socioeconomic Status, and Age-Related Cataract in Asians: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology</i> , 2015 , 122, 2169-78	7.3	46
271	Multiple nonglycemic genomic loci are newly associated with blood level of glycated hemoglobin in East Asians. <i>Diabetes</i> , 2014 , 63, 2551-62	0.9	46

270	Determinants of macular thickness using spectral domain optical coherence tomography in healthy eyes: the Singapore Chinese Eye study 2013 , 54, 7968-76	46
269	Power vector analysis of refractive, corneal, and internal astigmatism in an elderly Chinese population: the Shihpai Eye Study 2011 , 52, 9651-7	46
268	Oxidative stress change by systemic corticosteroid treatment among patients having active graves ophthalmopathy. <i>JAMA Ophthalmology</i> , 2007 , 125, 1652-6	46
267	Prevalence, Risk Factors, and Visual Features of Undiagnosed Glaucoma: The Singapore Epidemiology of Eye Diseases Study. <i>JAMA Ophthalmology</i> , 2015 , 133, 938-46	3.9 45
266	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	7.8 45
265	Myopia, axial length, and age-related cataract: the Singapore Malay eye study 2013 , 54, 4498-502	45
264	Body mass index and age-related cataract: the Shihpai Eye Study. <i>JAMA Ophthalmology</i> , 2005 , 123, 1109-14	45
263	Effects of stress and social support on postpartum health of Chinese mothers in the United States. <i>Research in Nursing and Health</i> , 2009 , 32, 582-91	2 44
262	Determinants of long-term intraocular pressure after phacoemulsification in primary angle-closure glaucoma. <i>Journal of Glaucoma</i> , 2011 , 20, 566-70	2.1 43
261	The effects of Team-Based Learning on learning behaviors in the maternal-child nursing course. <i>Nurse Education Today</i> , 2014 , 34, 25-30	3.7 42
260	Peripapillary choroidal thickness in young Asians with high myopia. <i>Investigative Ophthalmology and Visual Science</i> , 2015 , 56, 1475-81	41
259	The prevalence and types of glaucoma in an urban Indian population: the Singapore Indian Eye Study 2013 , 54, 4621-7	41
258	Admixture mapping of obesity-related traits in African Americans: the Atherosclerosis Risk in Communities (ARIC) Study. <i>Obesity</i> , 2010 , 18, 563-72	8 41
257	Effects of prenatal maternal mental distress on birth outcomes. <i>Women and Birth</i> , 2016 , 29, 376-80	3.3 41
256	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	7.8 40
255	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054	3.8 39
254	Longitudinal study of perinatal maternal stress, depressive symptoms and anxiety. <i>Midwifery</i> , 2014 , 30, 795-801	2.8 38
253	Job stress and job satisfaction among new graduate nurses during the first year of employment in Taiwan. <i>International Journal of Nursing Practice</i> , 2015 , 21, 410-8	2.3 38

252	Correctable visual impairment in an elderly Chinese population in Taiwan: the Shihpai Eye Study. <i>Investigative Ophthalmology and Visual Science</i> , 2007, 48, 1032-7	37
251	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. <i>Nature Communications</i> , 2018, 9, 1864	17.4 37
250	Body mass index and retinopathy in Asian populations with diabetes mellitus. <i>Acta Diabetologica</i> , 2015, 52, 73-80	3.9 36
249	Does genetic ancestry explain higher values of glycated hemoglobin in African Americans?. <i>Diabetes</i> , 2011, 60, 2434-8	0.9 36
248	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, 764-73, 773.e1-3	4.9 35
247	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2017, 46, 1882-1890	7.8 34
246	Early retinal arteriolar changes and peripheral neuropathy in diabetes. <i>Diabetes Care</i> , 2012, 35, 1098-104	4.6 34
245	Genome-wide meta-analysis of five Asian cohorts identifies PDGFRA as a susceptibility locus for corneal astigmatism. <i>PLoS Genetics</i> , 2011, 7, e1002402	6 33
244	A Global Shape Index to Characterize Anterior Lamina Cribrosa Morphology and Its Determinants in Healthy Indian Eyes 2015, 56, 3604-14	32
243	Visual acuity and contrast sensitivity in different types of posterior capsule opacification. <i>Journal of Cataract and Refractive Surgery</i> , 2001, 27, 1055-60	2.3 32
242	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	19 32
241	Increased Burden of Vision Impairment and Eye Diseases in Persons with Chronic Kidney Disease - A Population-Based Study. <i>EBioMedicine</i> , 2016, 5, 193-7	8.8 31
240	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018, 13, e0198166	3.7 31
239	DETAILED CHARACTERIZATION OF CHOROIDAL MORPHOLOGIC AND VASCULAR FEATURES IN AGE-RELATED MACULAR DEGENERATION AND POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , 2017, 37, 2269-2280	3.6 31
238	Impact of Visual Impairment and Eye diseases on Mortality: the Singapore Malay Eye Study (SiMES). <i>Scientific Reports</i> , 2015, 5, 16304	4.9 31
237	Corneal status in primary angle-closure glaucoma with a history of acute attack. <i>Journal of Glaucoma</i> , 2012, 21, 12-6	2.1 31
236	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. <i>Diabetes</i> , 2019, 68, 441-456	0.9 31
235	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	10.4 30

234	Jugular venous reflux affects ocular venous system in transient monocular blindness. <i>Cerebrovascular Diseases</i> , 2010 , 29, 122-9	3.2	30
233	Whole-exome sequencing implicates UBE3D in age-related macular degeneration in East Asian populations. <i>Nature Communications</i> , 2015 , 6, 6687	17.4	29
232	Retinal Vascular Imaging Markers and Incident Chronic Kidney Disease: A Prospective Cohort Study. <i>Scientific Reports</i> , 2017 , 7, 9374	4.9	29
231	Determinants of optical coherence tomography-derived minimum neuroretinal rim width in a normal Chinese population 2015 , 56, 3337-44		29
230	Automatic grading of nuclear cataracts from slit-lamp lens images using group sparsity regression. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 468-75	0.9	29
229	Retinal Nerve Fiber Layer Thickness in a Multiethnic Normal Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology</i> , 2019 , 126, 702-711	7.3	29
228	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , 2018 , 9, 5052	17.4	29
227	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	5.5	28
226	Assessment of iris surface features and their relationship with iris thickness in Asian eyes. <i>Ophthalmology</i> , 2014 , 121, 1007-12	7.3	28
225	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, 6119-28	5.6	28
224	Shape Changes of the Anterior Lamina Cribrosa in Normal, Ocular Hypertensive, and Glaucomatous Eyes Following Acute Intraocular Pressure Elevation 2016 , 57, 4869-4877		28
223	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	7.8	27
222	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	11.4	27
221	Association of Systemic Medication Use With Intraocular Pressure in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>JAMA Ophthalmology</i> , 2017 , 135, 196-202	3.9	26
220	Six-Year Incidence of Age-Related Macular Degeneration in Asian Malays: The Singapore Malay Eye Study. <i>Ophthalmology</i> , 2017 , 124, 1305-1313	7.3	26
219	Overlap between common genetic polymorphisms underpinning kidney traits and cardiovascular disease phenotypes: the CKDGen consortium. <i>American Journal of Kidney Diseases</i> , 2013 , 61, 889-98	7.4	26
218	The effects of a deliberate practice program on nursing students' perception of clinical competence. <i>Nurse Education Today</i> , 2013 , 33, 358-63	3.7	26
217	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	4.3	26

216	Association of common SIX6 polymorphisms with peripapillary retinal nerve fiber layer thickness: the Singapore Chinese Eye Study. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 56, 478-83	26
215	Visual impairment and falls in the elderly: the Shihpai Eye Study. <i>Journal of the Chinese Medical Association</i> , 2008 , 71, 467-72	2.8 26
214	Bilateral neurotrophic keratopathy complicating Vidian neurectomy. <i>American Journal of Ophthalmology</i> , 2001 , 132, 106-8	4.9 26
213	Effects of a smartphone-based videoconferencing program for older nursing home residents on depression, loneliness, and quality of life: a quasi-experimental study. <i>BMC Geriatrics</i> , 2020 , 20, 27	4.1 26
212	Fine-scale mapping of 8q24 locus identifies multiple independent risk variants for breast cancer. <i>International Journal of Cancer</i> , 2016 , 139, 1303-1317	7.5 26
211	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> , 2015 , 159, 557-64.e1	4.9 25
210	Myopia and cognitive dysfunction: the singapore malay eye study 2013 , 54, 799-803	25
209	How much eye care services do Asian populations need? Projection from the Singapore Epidemiology of Eye Disease (SEED) study 2013 , 54, 2171-7	25
208	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> , 2019 , 73, 206-217	7.4 25
207	Characterisation of choroidal morphological and vascular features in diabetes and diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1038-1044	5.5 24
206	Prevalence and Determinants of Suboptimal Vitamin D Levels in a Multiethnic Asian Population. <i>Nutrients</i> , 2017 , 9,	6.7 24
205	New graduate nursesClinical competence, clinical stress, and intention to leave: a longitudinal study in Taiwan. <i>Scientific World Journal</i> , The , 2014 , 2014, 748389	2.2 24
204	Relationship between retinal vascular geometry with retinal nerve fiber layer and ganglion cell-inner plexiform layer in nonglaucomatous eyes 2013 , 54, 7309-16	24
203	Color Doppler imaging study of retrobulbar hemodynamics in chronic angle-closure glaucoma. <i>Ophthalmology</i> , 2001 , 108, 1445-51	7.3 24
202	CCDC102B confers risk of low vision and blindness in high myopia. <i>Nature Communications</i> , 2018 , 9, 1782	7.4 23
201	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> , 2014 , 252, 1127-32	3.8 23
200	Racial differences in retinal vessel geometric characteristics: a multiethnic study in healthy Asians 2013 , 54, 3650-6	23
199	Association of Vision Impairment and Major Eye Diseases With Mobility and Independence in a Chinese Population. <i>JAMA Ophthalmology</i> , 2016 , 134, 1087-1093	3.9 23

198	Associations between chronic systemic diseases and primary open angle glaucoma: an epidemiological perspective. <i>Clinical and Experimental Ophthalmology</i> , 2017 , 45, 24-32	2.4	22
197	Systemic, Ocular and Genetic Risk Factors for Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Singaporeans. <i>Scientific Reports</i> , 2017 , 7, 41386	4.9	22
196	Aggregate Effects of Intraocular Pressure and Cup-to-Disc Ratio Genetic Variants on Glaucoma in a Multiethnic Asian Population. <i>Ophthalmology</i> , 2015 , 122, 1149-57	7.3	22
195	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179	8.2	22
194	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	6	22
193	Experiences of a Taiwanese nurse in the United States. <i>Nursing Forum</i> , 2011 , 46, 102-9	2.2	22
192	Literacy is an independent risk factor for vision impairment and poor visual functioning 2011 , 52, 7634-9		22
191	Taiwanese adolescentsQGender differences in knowledge and attitudes towards menstruation. <i>Australian Journal of Cancer Nursing</i> , 2007 , 9, 127-34	1.9	22
190	Peripapillary choroidal thickness assessed using automated choroidal segmentation software in an Asian population. <i>British Journal of Ophthalmology</i> , 2015 , 99, 920-6	5.5	21
189	The development and psychometric testing of a theory-based instrument to evaluate nursesQ perception of clinical reasoning competence. <i>Journal of Advanced Nursing</i> , 2016 , 72, 707-17	3.1	21
188	Intention to leave of Asian nurses in US hospitals: does cultural orientation matter?. <i>Journal of Clinical Nursing</i> , 2011 , 20, 2033-42	3.2	21
187	Association of genetic variants on 8p21 and 4q12 with age-related macular degeneration in Asian populations 2012 , 53, 6576-81		21
186	Deep learning in glaucoma with optical coherence tomography: a review. <i>Eye</i> , 2021 , 35, 188-201	4.4	21
185	Associations between sleep duration, sleep quality and diabetic retinopathy. <i>PLoS ONE</i> , 2018 , 13, e0196399		21
184	Genome-Wide Association Study Meta-Analysis of Long-Term Average Blood Pressure in East Asians. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10, e001527		20
183	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	5.5	20
182	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, 131-46	6.3	20
181	MMP20 and ARMS2/HTRA1 Are Associated with Neovascular Lesion Size in Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2015 , 122, 2295-2302.e2	7.3	20

180	Prevalence, Risk Factors, and Impact of Undiagnosed Visually Significant Cataract: The Singapore Epidemiology of Eye Diseases Study. <i>PLoS ONE</i> , 2017 , 12, e0170804	3.7	20
179	The Effect of Testing Reliability on Visual Field Sensitivity in Normal Eyes: The Singapore Chinese Eye Study. <i>Ophthalmology</i> , 2018 , 125, 15-21	7.3	20
178	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, 8131-6	11.5	20
177	Personalized Medicine in Ophthalmology: From Pharmacogenetic Biomarkers to Therapeutic and Dosage Optimization. <i>Journal of Personalized Medicine</i> , 2013 , 3, 40-69	3.6	20
176	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	3.7	20
175	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> , 2016 , 25, 871-80	3.7	19
174	Lack of association between primary angle-closure glaucoma susceptibility loci and the ocular biometric parameters anterior chamber depth and axial length 2013 , 54, 5824-8		19
173	A simplified method to measure choroidal thickness using adaptive compensation in enhanced depth imaging optical coherence tomography. <i>PLoS ONE</i> , 2014 , 9, e96661	3.7	19
172	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	5.5	18
171	INVOLVEMENT OF MULTIPLE MOLECULAR PATHWAYS IN THE GENETICS OF OCULAR REFRACTION AND MYOPIA. <i>Retina</i> , 2018 , 38, 91-101	3.6	18
170	Novel Genetic Loci Associated With Retinal Microvascular Diameter. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 45-54		18
169	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.e1-2	4.9	18
168	CMPK1 and RBP3 are associated with corneal curvature in Asian populations. <i>Human Molecular Genetics</i> , 2014 , 23, 6129-36	5.6	18
167	Diagnostic Performance of the ISNT Rule for Glaucoma Based on the Heidelberg Retinal Tomograph. <i>Translational Vision Science and Technology</i> , 2013 , 2, 2	3.3	18
166	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	5.5	18
165	Retinal Vein Occlusion in a Multi-Ethnic Asian Population: The Singapore Epidemiology of Eye Disease Study. <i>Ophthalmic Epidemiology</i> , 2016 , 23, 6-13	1.9	17
164	Factors influencing the pupillary light reflex in healthy individuals. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2016 , 254, 1353-9	3.8	17
163	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, 1592-7	5.5	17

162	Cataract conversion assessment using lens opacity classification system III and Wisconsin cataract grading system 2013 , 54, 280-7		17
161	Maternal psychological well-being and salivary cortisol in late pregnancy and early post-partum. <i>Stress and Health</i> , 2009 , 26, 215-224	3.7	17
160	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019 ,	6.5	17
159	Cerebral microbleeds and neuropsychiatric symptoms in an elderly Asian cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, 7-11	5.5	16
158	Association between diabetic retinopathy and incident cognitive impairment. <i>British Journal of Ophthalmology</i> , 2019 , 103, 1605-1609	5.5	16
157	Association of Functional Loss With the Biomechanical Response of the Optic Nerve Head to Acute Transient Intraocular Pressure Elevations. <i>JAMA Ophthalmology</i> , 2018 , 136, 184-192	3.9	16
156	Prevalence, subtypes, severity and determinants of ocular trauma: The Singapore Chinese Eye Study. <i>British Journal of Ophthalmology</i> , 2018 , 102, 204-209	5.5	16
155	Plasma lipoprotein subfraction concentrations are associated with lipid metabolism and age-related macular degeneration. <i>Journal of Lipid Research</i> , 2017 , 58, 1785-1796	6.3	16
154	Ethnic variation in central corneal refractive power and steep cornea in Asians. <i>Ophthalmic Epidemiology</i> , 2014 , 21, 99-105	1.9	16
153	Ethnic variation in early age-related macular degeneration lesions between white Australians and Singaporean Asians 2014 , 55, 4421-9		16
152	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> , 2008 , 71, 300-4	2.8	16
151	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	3.7	16
150	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	4.9	16
149	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	5.5	16
148	Imaging of the lamina cribrosa and its role in glaucoma: a review. <i>Clinical and Experimental Ophthalmology</i> , 2018 , 46, 177-188	2.4	16
147	Type 2 Diabetes Genetic Variants and Risk of Diabetic Retinopathy. <i>Ophthalmology</i> , 2017 , 124, 336-342	7.3	15
146	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> , 2019 , 206, 48-73	4.9	15
145	Evaluation of Primary Angle-Closure Glaucoma Susceptibility Loci in Patients with Early Stages of Angle-Closure Disease. <i>Ophthalmology</i> , 2018 , 125, 664-670	7.3	15

144	Direct and Indirect Associations Between Diabetes and Intraocular Pressure: The Singapore Epidemiology of Eye Diseases Study 2018 , 59, 2205-2211	15
143	Trends of Visual Impairment and Blindness in the Singapore Chinese Population over a Decade. <i>Scientific Reports</i> , 2018 , 8, 12224	4.9 15
142	Relationship between iris surface features and angle width in Asian eyes. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 55, 8144-8	15
141	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	6 15
140	Linkage analysis of quantitative refraction and refractive errors in the Beaver Dam Eye Study 2011 , 52, 5220-5	15
139	Long-Term Shape, Curvature, and Depth Changes of the Lamina Cribrosa after Trabeculectomy. <i>Ophthalmology</i> , 2018 , 125, 1729-1740	7.3 15
138	Global causes of vision loss in 2015: are we on track to achieve the Vision 2020 target?. <i>The Lancet Global Health</i> , 2017 , 5, e1164-e1165	13.6 14
137	Prevalence, Correlates, and Impact of Uncorrected Presbyopia in a Multiethnic Asian Population. <i>American Journal of Ophthalmology</i> , 2016 , 168, 191-200	4.9 14
136	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	4.9 14
135	Choroidal thickness does not predict visual acuity in young high myopes. <i>Acta Ophthalmologica</i> , 2016 , 94, e709-e715	3.7 14
134	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	4.9 14
133	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	6.5 13
132	Genetically Determined Plasma Lipid Levels and Risk of Diabetic Retinopathy: A Mendelian Randomization Study. <i>Diabetes</i> , 2017 , 66, 3130-3141	0.9 13
131	A Genetic Variant in TGFBR3-CDC7 Is Associated with Visual Field Progression in Primary Open-Angle Glaucoma Patients from Singapore. <i>Ophthalmology</i> , 2015 , 122, 2416-22	7.3 13
130	Do we have enough ophthalmologists to manage vision-threatening diabetic retinopathy? A global perspective. <i>Eye</i> , 2020 , 34, 1255-1261	4.4 13
129	Factors affecting signal strength in spectral-domain optical coherence tomography. <i>Acta Ophthalmologica</i> , 2018 , 96, e54-e58	3.7 13
128	Population genomics in South East Asia captures unexpectedly high carrier frequency for treatable inherited disorders. <i>Genetics in Medicine</i> , 2019 , 21, 207-212	8.1 13
127	Is Corneal Arcus Independently Associated With Incident Cardiovascular Disease in Asians?. <i>American Journal of Ophthalmology</i> , 2017 , 183, 99-106	4.9 13

126	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> , 2017 , 135, 1410-1416	3.9	13
125	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> , 2017 , 26, 4203-4214	5.6	13
124	Composite Measures of Individual and Area-Level Socio-Economic Status Are Associated with Visual Impairment in Singapore. <i>PLoS ONE</i> , 2015 , 10, e0142302	3.7	13
123	Living alone: the choice and health of older women. <i>Journal of Gerontological Nursing</i> , 2006 , 32, 16-23; quiz 24-5	1.2	13
122	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	5.5	13
121	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	4.9	13
120	Cumulative incidence and risk factors of prediabetes and type 2 diabetes in a Singaporean Malay cohort. <i>Diabetes Research and Clinical Practice</i> , 2017 , 127, 163-171	7.4	12
119	Peripheral retinal changes in highly myopic young Asian eyes. <i>Acta Ophthalmologica</i> , 2018 , 96, e846-e851	3.7	12
118	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	4.7	12
117	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, 817-25.e1	4.9	12
116	Automatic detection of the macula in retinal fundus images using seeded mode tracking approach. Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2012 , 2012, 4950-3	0.9	12
115	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	3.7	12
114	Determinants and characteristics of angle-closure disease in an elderly Chinese population. <i>Ophthalmic Epidemiology</i> , 2015 , 22, 109-15	1.9	11
113	Iris Crypts Influence Dynamic Changes of Iris Volume. <i>Ophthalmology</i> , 2016 , 123, 2077-84	7.3	11
112	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> , 2017 , 135, 1023-1028	3.9	11
111	Genome-wide association study of retinopathy in individuals without diabetes. <i>PLoS ONE</i> , 2013 , 8, e54237	3.7	11
110	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> , 2018 , 125, 1844-1853	7.3	11
109	Changes in the Anterior Lamina Cribrosa Morphology with Glaucoma Severity. <i>Scientific Reports</i> , 2019 , 9, 6612	4.9	10

108	Social, health and ocular factors associated with primary open-angle glaucoma amongst Chinese Singaporeans. <i>Clinical and Experimental Ophthalmology</i> , 2018 , 46, 25-34	2.4	10
107	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 ^{5.5}	10	
106	Variation of Peripapillary Scleral Shape With Age 2019 , 60, 3275-3282		10
105	Performance of the Moorfields motion displacement test for identifying eyes with glaucoma. <i>Ophthalmology</i> , 2014 , 121, 88-92	7.3	10
104	Serum leptin and age-related macular degeneration 2015 , 56, 1880-6		10
103	Impact of measurement error on testing genetic association with quantitative traits. <i>PLoS ONE</i> , 2014 , 9, e87044	3.7	10
102	Branch retinal vein occlusion and optic nerve head topographic parameters: the Singapore Indian eye study. <i>British Journal of Ophthalmology</i> , 2013 , 97, 611-6	5.5	10
101	Relationship Between Sleep and Symptoms of Tear Dysfunction in Singapore Malays and Indians 2019 , 60, 1889-1897		9
100	Homocysteine and Cerebral Atrophy: The Epidemiology of Dementia in Singapore Study. <i>Journal of Alzheimerjs Disease</i> , 2018 , 62, 877-885	4.3	9
99	Genetic correlations between intraocular pressure, blood pressure and primary open-angle glaucoma: a multi-cohort analysis. <i>European Journal of Human Genetics</i> , 2017 , 25, 1261-1267	5.3	9
98	Prevalence of cataract surgery and visual outcomes in Indian immigrants in Singapore: the Singapore Indian eye study. <i>PLoS ONE</i> , 2013 , 8, e75584	3.7	9
97	Inter-Relationships Between Retinal Vascular Caliber, Retinal Nerve Fiber Layer Thickness, and Glaucoma: A Mediation Analysis Approach 2016 , 57, 3803-9		9
96	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	4.9	9
95	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> , 2018 , 8, 12937	4.9	9
94	Comparison of Corneal Biomechanical Properties between Indian and Chinese Adults. <i>Ophthalmology</i> , 2017 , 124, 1271-1279	7.3	8
93	Crowdsourcing to Evaluate Fundus Photographs for the Presence of Glaucoma. <i>Journal of Glaucoma</i> , 2017 , 26, 505-510	2.1	8
92	Cerebral Small Vessel Disease and Enlarged Perivascular Spaces-Data From Memory Clinic and Population-Based Settings. <i>Frontiers in Neurology</i> , 2019 , 10, 669	4.1	8
91	Is aspirin associated with diabetic retinopathy? The Singapore Epidemiology of Eye Disease (SEED) study. <i>PLoS ONE</i> , 2017 , 12, e0175966	3.7	8

90	Urinary Isoprostane Levels and Age-Related Macular Degeneration 2017 , 58, 2538-2543		8
89	Visual Impairment in Old and Very Old Community-dwelling Asian Adults. <i>Ophthalmology</i> , 2016 , 123, 2436-2438	7.3	8
88	Linking a genome-wide association study signal to a LRRK2 coding variant in Parkinson disease. <i>Movement Disorders</i> , 2016 , 31, 484-7	7	8
87	Associations Between Methylenetetrahydrofolate Reductase Polymorphisms, Serum Homocysteine Levels, and Incident Cortical Cataract. <i>JAMA Ophthalmology</i> , 2016 , 134, 522-528	3.9	8
86	cnvCapSeq: detecting copy number variation in long-range targeted resequencing data. <i>Nucleic Acids Research</i> , 2014 , 42, e158	20.1	8
85	Physical conditions and depressive symptoms of Chinese postpartum mothers in the United States and Taiwan. <i>Health Care for Women International</i> , 2013 , 34, 539-55	1.5	8
84	The relationship of individual characteristics, perceived worksite support and perceived creativity to clinical nurses' innovative outcome. <i>Journal of Clinical Nursing</i> , 2013 , 22, 2648-57	3.2	8
83	Automatic Grading of Cortical and PSC Cataracts Using Retroillumination Lens Images. <i>Lecture Notes in Computer Science</i> , 2013 , 256-267	0.9	8
82	Macular thickness profile and diabetic retinopathy: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2018 , 102, 1072-1076	5.5	8
81	Sleep Duration and Diabetic Kidney Disease. <i>Frontiers in Endocrinology</i> , 2018 , 9, 808	5.7	7
80	Association of Changes in Visual Acuity With Vision-Specific Functioning in the Singapore Malay Eye Study. <i>JAMA Ophthalmology</i> , 2016 , 134, 1299-1305	3.9	7
79	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	4.9	7
78	Ankle brachial index, MRI markers and cognition: The Epidemiology of Dementia in Singapore study. <i>Atherosclerosis</i> , 2017 , 263, 272-277	3.1	7
77	The use of multiple languages in a technology-based intervention study: A discussion paper. <i>Applied Nursing Research</i> , 2017 , 38, 147-152	1.8	7
76	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	5.5	7
75	Validation of the Total Cerebrovascular Disease Burden Scale in a Community Sample. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 1021-8	4.3	7
74	Haemoglobin, magnetic resonance imaging markers and cognition: a subsample of population-based study. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 114	9	7
73	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	3.5	6

72	Impact of Incidence and Progression of Diabetic Retinopathy on Vision-Specific Functioning. <i>Ophthalmology</i> , 2018, 125, 1401-1409	7.3	6
71	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	4.9	6
70	Effects of bimatoprost 0.03% on ocular hemodynamics in normal tension glaucoma. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2006, 22, 188-93	2.6	6
69	Describing the Structural Phenotype of the Glaucomatous Optic Nerve Head Using Artificial Intelligence. <i>American Journal of Ophthalmology</i> , 2021,	4.9	6
68	Racial/Ethnic Differences in Cognitive Symptoms During the Menopausal Transition. <i>Western Journal of Nursing Research</i> , 2019, 41, 217-237	2	6
67	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, 418-23	2.8	5
66	Associations of Peripapillary Atrophy and Fundus Tessellation with Diabetic Retinopathy. <i>Ophthalmology Retina</i> , 2018, 2, 574-581	3.8	5
65	Factors that influence tear meniscus area and conjunctivochalasis: The Singapore Indian eye study. <i>Ophthalmic Epidemiology</i> , 2018, 25, 70-78	1.9	5
64	Development of the Computerized Model of Performance-Based Measurement System to Measure Nurses Clinical Competence. <i>CIN - Computers Informatics Nursing</i> , 2016, 34, 159-68; quiz 191	1.4	5
63	Genetic variants linked to myopic macular degeneration in persons with high myopia: CREAM Consortium. <i>PLoS ONE</i> , 2019, 14, e0220143	3.7	5
62	Validity of a new optic disc grading software for use in clinical and epidemiological research. <i>Clinical and Experimental Ophthalmology</i> , 2013, 41, 842-52	2.4	5
61	Genome-wide linkage analysis of multiple metabolic factors: evidence of genetic heterogeneity. <i>Obesity</i> , 2010, 18, 146-52	8	5
60	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	5.5	5
59	The Global Extent of Undetected Glaucoma in Adults: A Systematic Review and Meta-analysis. <i>Ophthalmology</i> , 2021, 128, 1393-1404	7.3	5
58	Evaluation of transthectic fine mapping with population-specific and cosmopolitan imputation reference panels in diverse Asian populations. <i>European Journal of Human Genetics</i> , 2016, 24, 592-9	5.3	4
57	Association of iris crypts with acute primary angle closure. <i>British Journal of Ophthalmology</i> , 2017, 101, 1318-1322	5.5	4
56	Ethnic Differences in the Association Between Age-Related Macular Degeneration and Vision-Specific Functioning. <i>JAMA Ophthalmology</i> , 2017, 135, 469-476	3.9	4
55	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	5.5	4

54	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	3.7	4
53	Relationships between disaster nursing competence, anticipatory disaster stress and motivation for disaster engagement. <i>International Journal of Disaster Risk Reduction</i> , 2020 , 47, 101545	4.5	4
52	Interethnic differences in neuroimaging markers and cognition in Asians, a population-based study. <i>Scientific Reports</i> , 2020 , 10, 2655	4.9	4
51	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	5.5	4
50	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	3.8	4
49	Regression models with ordered multiple categorical predictors. <i>Journal of Statistical Computation and Simulation</i> , 2018 , 88, 3164-3178	0.9	4
48	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> , 2014 , 77, 203-8	2.8	4
47	Automated Detection of Iris Furrows and their Influence on Dynamic Iris Volume Change. <i>Scientific Reports</i> , 2017 , 7, 17894	4.9	4
46	Protective effect of smoking against pterygium development in men: a nationwide longitudinal cohort study in South Korea. <i>BMJ Open</i> , 2017 , 7, e017014	3	4
45	Ethnic differences in undercorrected refractive error in Asians. <i>Optometry and Vision Science</i> , 2014 , 91, 212-20	2.1	4
44	Familial correlation of retinal vascular caliber in Singapore Chinese 2013 , 54, 5638-42		4
43	Use of latanoprost to reduce acute intraocular pressure rise following neodymium: Yag laser iridotomy. <i>Acta Ophthalmologica</i> , 2002 , 80, 282-6		4
42	U-Shaped Relationship between Serum Leptin Concentration and Cognitive Performance in Older Asian Adults. <i>Nutrients</i> , 2019 , 11,	6.7	3
41	Intravitreal aflibercept for proliferative diabetic retinopathy. <i>Lancet, The</i> , 2017 , 390, 2140-2141	40	3
40	A Digital Staining Algorithm for Optical Coherence Tomography Images of the Optic Nerve Head. <i>Translational Vision Science and Technology</i> , 2017 , 6, 8	3.3	3
39	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> , 2012 , 113-117	0.9	3
38	Superpixel Classification Based Optic Disc Segmentation. <i>Lecture Notes in Computer Science</i> , 2013 , 293-304		3
37	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> , 2020 , 48, 1210-1218	2.4	3

36	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> , 2019 , 20, 775-779	5.9	2
35	Performance competence of pregraduate nursing students and hospital nurses: A comparison study. <i>Journal of Clinical Nursing</i> , 2020 , 29, 2652-2662	3.2	2
34	Clusters of midlife women identified by cognitive symptoms. <i>Maturitas</i> , 2018 , 110, 33-40	5	2
33	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	2.7	2
32	Assessing the Causality between Blood Pressure and Retinal Vascular Caliber through Mendelian Randomisation. <i>Scientific Reports</i> , 2016 , 6, 22031	4.9	2
31	Bayesian reclassification statistics for assessing improvements in diagnostic accuracy. <i>Statistics in Medicine</i> , 2016 , 35, 2574-92	2.3	2
30	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	3.7	2
29	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> , 2013 , 2013, 5861-4	0.9	2
28	An Exploration of Motivation for Disaster Engagement and Its Related Factors among Undergraduate Nursing Students in Taiwan. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
27	A Potential Link Between Ambient Air Pollution and Intraocular Pressure. <i>JAMA Ophthalmology</i> , 2019 , 137, 137-138	3.9	2
26	Systemic medications and cortical cataract: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2020 , 104, 330-335	5.5	2
25	Aldose Reductase Polymorphisms, Fasting Blood Glucose, and Age-Related Cortical Cataract 2018 , 59, 4755-4762		2
24	Agreement in Measures of Macular Perfusion between Optical Coherence Tomography Angiography Machines. <i>Scientific Reports</i> , 2020 , 10, 8345	4.9	1
23	Choroidal Nevi in the Singapore Epidemiology of Eye Disease Study. <i>Ophthalmology</i> , 2018 , 125, 784-786	7.3	1
22	Reply. <i>American Journal of Ophthalmology</i> , 2018 , 188, 185	4.9	1
21	Author reply: To PMID 24974815. <i>Ophthalmology</i> , 2015 , 122, e41-2	7.3	1
20	Accounting for standard errors of vision-specific latent trait in regression models 2014 , 55, 5848-54		1
19	Scanning laser polarimetry with variable corneal compensation in primary angle-closure glaucoma. <i>Ophthalmology</i> , 2008 , 115, 1334-9	7.3	1

18	Motivations for Family Members' Visits to Nursing Home Residents With Dementia in Taiwan: A Qualitative Study. <i>Journal of Nursing Scholarship</i> , 2021, 53, 87-95	3.6	1
17	Trends of Perinatal Stress, Anxiety, and Depression and Their Prediction on Postpartum Depression. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18,	4.6	1
16	Relationship between Myopia Severity and Macular Retinal Thickness on Visual Performance under Different Lighting Conditions. <i>Ophthalmology Retina</i> , 2017, 1, 339-346	3.8	0
15	Effectiveness of laptop-based versus smartphone-based videoconferencing interaction on loneliness, depression and social support in nursing home residents: A secondary data analysis. <i>Journal of Telemedicine and Telecare</i> , 2020, 1357633X20972004	6.8	0
14	Six-Year Incidence and Risk Factors of Primary Glaucoma in the Singapore Indian Eye Study. <i>Ophthalmology Glaucoma</i> , 2021, 4, 201-208	2.2	0
13	Prevalence of retinitis pigmentosa in Singapore: the Singapore Epidemiology of Eye Diseases Study. <i>Acta Ophthalmologica</i> , 2021, 99, e134-e135	3.7	0
12	Reply to choroidal thickness, correlations, and systemic disease. <i>Survey of Ophthalmology</i> , 2017, 62, 251-252		
11	The Effect of Gender on Visual Field Sensitivity: The Singapore Chinese Eye Study. <i>Ophthalmic Epidemiology</i> , 2019, 26, 183-188	1.9	
10	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	0.9	
9	Interaction Between Peroxisome Proliferator Activated Receptor α and Epithelial Membrane Protein 2 Polymorphisms Influences HDL-C Levels in the Chinese Population. <i>Annals of Human Genetics</i> , 2016, 80, 282-93	2.2	
8	Reply. <i>American Journal of Ophthalmology</i> , 2016, 168, 296	4.9	
7	Reply. <i>Ophthalmology</i> , 2018, 125, e55	7.3	
6	Metabolic Syndrome and Cataract 2014, 191-200		
5	Genetic markers for age-related macular degeneration 2014, 74-94		
4	Measuring Asian nurses' organizational commitment: a critical analysis of the psychometric properties of two organizational commitment instruments. <i>Nursing Forum</i> , 2013, 48, 142-53	2.2	
3	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> , 2012, 2012, 1454-7	0.9	
2	Emergence of non-artificial intelligence digital health innovations in ophthalmology: A systematic review. <i>Clinical and Experimental Ophthalmology</i> , 2021, 49, 741-756	2.4	
1	Reply. <i>American Journal of Ophthalmology</i> , 2018, 192, 252	4.9	

