

Ching-Yu Cheng

List of Publications by Year in Descending Order

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Version: 2024-04-09

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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.

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	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
376	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
375	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
374	Describing the Structural Phenotype of the Glaucomatous Optic Nerve Head Using Artificial Intelligence. <i>American Journal of Ophthalmology</i> , 2021 ,	4.9	6
373	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	
372	Prevalence of retinitis pigmentosa in Singapore: the Singapore Epidemiology of Eye Diseases Study. <i>Acta Ophthalmologica</i> , 2021 , 99, e134-e135	3.7	0
371	Deep learning in glaucoma with optical coherence tomography: a review. <i>Eye</i> , 2021 , 35, 188-201	4.4	21
370	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
369	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
368	The Global Extent of Undetected Glaucoma in Adults: A Systematic Review and Meta-analysis. <i>Ophthalmology</i> , 2021 , 128, 1393-1404	7.3	5
367	Agreement in Measures of Macular Perfusion between Optical Coherence Tomography Angiography Machines. <i>Scientific Reports</i> , 2020 , 10, 8345	4.9	1
366	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
365	Interethnic differences in neuroimaging markers and cognition in Asians, a population-based study. <i>Scientific Reports</i> , 2020 , 10, 2655	4.9	4
364	Do we have enough ophthalmologists to manage vision-threatening diabetic retinopathy? A global perspective. <i>Eye</i> , 2020 , 34, 1255-1261	4.4	13
363	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
362	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
361	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

360	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
359	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
358	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
357	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
356	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
355	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
354	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
353	Association between diabetic retinopathy and incident cognitive impairment. <i>British Journal of Ophthalmology</i> , 2019 , 103, 1605-1609	5.5	16
352	The Effect of Gender on Visual Field Sensitivity: The Singapore Chinese Eye Study. <i>Ophthalmic Epidemiology</i> , 2019 , 26, 183-188	1.9	
351	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
350	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	
349	Relationship Between Sleep and Symptoms of Tear Dysfunction in Singapore Malays and Indians 2019 , 60, 1889-1897		9
348	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
347	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
346	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019 , 570, 71-76	50.4	129
345	Changes in the Anterior Lamina Cribrosa Morphology with Glaucoma Severity. <i>Scientific Reports</i> , 2019 , 9, 6612	4.9	10
344	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
343	U-Shaped Relationship between Serum Leptin Concentration and Cognitive Performance in Older Asian Adults. <i>Nutrients</i> , 2019 , 11,	6.7	3

342	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
341	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
340	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
339	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
338	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
337	Incidence and progression of diabetic retinopathy: a systematic review. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 140-149	18.1	150
336	Variation of Peripapillary Scleral Shape With Age 2019 , 60, 3275-3282		10
335	Genetic variants linked to myopic macular degeneration in persons with high myopia: CREAM Consortium. <i>PLoS ONE</i> , 2019 , 14, e0220143	3.7	5
334	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
333	A Potential Link Between Ambient Air Pollution and Intraocular Pressure. <i>JAMA Ophthalmology</i> , 2019 , 137, 137-138	3.9	2
332	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019 ,	6.5	17
331	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
330	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
329	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
328	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
327	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
326	Racial/Ethnic Differences in Cognitive Symptoms During the Menopausal Transition. <i>Western Journal of Nursing Research</i> , 2019 , 41, 217-237	2	6
325	Sleep Duration and Diabetic Kidney Disease. <i>Frontiers in Endocrinology</i> , 2018 , 9, 808	5.7	7

324	Homocysteine and Cerebral Atrophy: The Epidemiology of Dementia in Singapore Study. <i>Journal of Alzheimer's Disease</i> , 2018 , 62, 877-885	4.3	9
323	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
322	Clusters of midlife women identified by cognitive symptoms. <i>Maturitas</i> , 2018 , 110, 33-40	5	2
321	Choroidal Nevi in the Singapore Epidemiology of Eye Disease Study. <i>Ophthalmology</i> , 2018 , 125, 784-786	7.3	1
320	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
319	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
318	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
317	Associations of Peripapillary Atrophy and Fundus Tessellation with Diabetic Retinopathy. <i>Ophthalmology Retina</i> , 2018 , 2, 574-581	3.8	5
316	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
315	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
314	CCDC102B confers risk of low vision and blindness in high myopia. <i>Nature Communications</i> , 2018 , 9, 1782	7.4	23
313	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, 872-883	7.8	40
312	Peripheral retinal changes in highly myopic young Asian eyes. <i>Acta Ophthalmologica</i> , 2018 , 96, e846-e851	3.7	12
311	Diet and risk of myopia in three-year-old Singapore children: the GUSTO cohort. <i>Australasian journal of optometry</i> , 2018 , 101, 692-699	2.7	2
310	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
309	Impact of Incidence and Progression of Diabetic Retinopathy on Vision-Specific Functioning. <i>Ophthalmology</i> , 2018 , 125, 1401-1409	7.3	6
308	INVOLVEMENT OF MULTIPLE MOLECULAR PATHWAYS IN THE GENETICS OF OCULAR REFRACTION AND MYOPIA. <i>Retina</i> , 2018 , 38, 91-101	3.6	18
307	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

306	Factors affecting signal strength in spectral-domain optical coherence tomography. <i>Acta Ophthalmologica</i> , 2018 , 96, e54-e58	3.7	13
305	Factors that influence tear meniscus area and conjunctivochalasis: The Singapore Indian eye study. <i>Ophthalmic Epidemiology</i> , 2018 , 25, 70-78	1.9	5
304	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
303	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
302	Regression models with ordered multiple categorical predictors. <i>Journal of Statistical Computation and Simulation</i> , 2018 , 88, 3164-3178	0.9	4
301	Direct and Indirect Associations Between Diabetes and Intraocular Pressure: The Singapore Epidemiology of Eye Diseases Study 2018 , 59, 2205-2211		15
300	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
299	Trends of Visual Impairment and Blindness in the Singapore Chinese Population over a Decade. <i>Scientific Reports</i> , 2018 , 8, 12224	4.9	15
298	Reply. <i>American Journal of Ophthalmology</i> , 2018 , 188, 185	4.9	1
297	Reply. <i>Ophthalmology</i> , 2018 , 125, e55	7.3	
296	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
295	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
294	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
293	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
292	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
291	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
290	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
289	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , 2018 , 9, 5052	17.4	29

288	Prevalence, Risk Factors, and Impact of Myopic Macular Degeneration on Visual Impairment and Functioning Among Adults in Singapore 2018 , 59, 4603-4613		57
287	Aldose Reductase Polymorphisms, Fasting Blood Glucose, and Age-Related Cortical Cataract 2018 , 59, 4755-4762		2
286	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
285	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
284	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
283	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
282	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
281	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
280	Reply. <i>American Journal of Ophthalmology</i> , 2018 , 192, 252	4.9	
279	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
278	Associations between sleep duration, sleep quality and diabetic retinopathy. <i>PLoS ONE</i> , 2018 , 13, e0196399	3.9	21
277	Long-Term Shape, Curvature, and Depth Changes of the Lamina Cribrosa after Trabeculectomy. <i>Ophthalmology</i> , 2018 , 125, 1729-1740	7.3	15
276	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
275	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
274	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
273	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
272	Reply to choroidal thickness, correlations, and systemic disease. <i>Survey of Ophthalmology</i> , 2017 , 62, 251-252	4.5	
271	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

270	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
269	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
268	Association of iris crypts with acute primary angle closure. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1318-1322	5.5	4
267	Hypomorphic Missense Variants Confer Moderate Risks of Breast Cancer. <i>Cancer Research</i> , 2017 , 77, 2789-2799	10.1	49
266	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
265	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
264	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
263	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
262	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
261	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
260	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
259	Comparison of Corneal Biomechanical Properties between Indian and Chinese Adults. <i>Ophthalmology</i> , 2017 , 124, 1271-1279	7.3	8
258	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
257	Crowdsourcing to Evaluate Fundus Photographs for the Presence of Glaucoma. <i>Journal of Glaucoma</i> , 2017 , 26, 505-510	2.1	8
256	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
255	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
254	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
253	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

252	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
251	Genome-Wide Association Study Meta-Analysis of Long-Term Average Blood Pressure in East Asians. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10, e001527		20
250	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
249	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
248	Type 2 Diabetes Genetic Variants and Risk of Diabetic Retinopathy. <i>Ophthalmology</i> , 2017 , 124, 336-342	7.3	15
247	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
246	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
245	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , 2017 , 390, 2627-2642	40	2980
244	Genetically Determined Plasma Lipid Levels and Risk of Diabetic Retinopathy: A Mendelian Randomization Study. <i>Diabetes</i> , 2017 , 66, 3130-3141	0.9	13
243	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
242	Prevalence and Determinants of Suboptimal Vitamin D Levels in a Multiethnic Asian Population. <i>Nutrients</i> , 2017 , 9,	6.7	24
241	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
240	Is aspirin associated with diabetic retinopathy? The Singapore Epidemiology of Eye Disease (SEED) study. <i>PLoS ONE</i> , 2017 , 12, e0175966	3.7	8
239	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017 , 14, e1002383	11.6	223
238	Urinary Isoprostane Levels and Age-Related Macular Degeneration 2017 , 58, 2538-2543		8
237	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
236	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
235	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

234	Is Corneal Arcus Independently Associated With Incident Cardiovascular Disease in Asians?. <i>American Journal of Ophthalmology</i> , 2017 , 183, 99-106	4.9	13
233	Retinal Vascular Imaging Markers and Incident Chronic Kidney Disease: A Prospective Cohort Study. <i>Scientific Reports</i> , 2017 , 7, 9374	4.9	29
232	Ankle brachial index, MRI markers and cognition: The Epidemiology of Dementia in Singapore study. <i>Atherosclerosis</i> , 2017 , 263, 272-277	3.1	7
231	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
230	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
229	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
228	Intravitreal aflibercept for proliferative diabetic retinopathy. <i>Lancet, The</i> , 2017 , 390, 2140-2141	4.0	3
227	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
226	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
225	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 191 million participants. <i>Lancet, The</i> , 2017 , 389, 37-55	4.0	1100
224	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
223	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179	8.2	22
222	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
221	Automated Detection of Iris Furrows and their Influence on Dynamic Iris Volume Change. <i>Scientific Reports</i> , 2017 , 7, 17894	4.9	4
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214	Evaluation of transethnic fine mapping with population-specific and cosmopolitan imputation reference panels in diverse Asian populations. <i>European Journal of Human Genetics</i> , 2016 , 24, 592-9	5.3	4
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188	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
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157	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
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84	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
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71	Familial correlation of retinal vascular caliber in Singapore Chinese 2013 , 54, 5638-42		4
70	Relationship between retinal vascular geometry with retinal nerve fiber layer and ganglion cell-inner plexiform layer in nonglaucomatous eyes 2013 , 54, 7309-16		24
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61	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
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