

# Ching-Yu Cheng

## List of Publications by Year in descending order

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Version: 2024-02-01

382  
papers

42,195  
citations

10986  
71  
h-index

3182  
186  
g-index

390  
all docs

390  
docs citations

390  
times ranked

54328  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | 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> , 2023, 29, 177-186. | 2.7  | 6         |
| 2  | Describing the Structural Phenotype of the Glaucomatous Optic Nerve Head Using Artificial Intelligence. <i>American Journal of Ophthalmology</i> , 2022, 236, 172-182.  | 3.3  | 23        |
| 3  | Circulating Metabolic Biomarkers Are Consistently Associated With Type 2 Diabetes Risk in Asian and European Populations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2751-e2761.   | 3.6  | 8         |
| 4  | Bidirectional association between glaucoma and chronic kidney disease: A systematic review and meta-analysis. <i>EClinicalMedicine</i> , 2022, 49, 101498.  | 7.1  | 6         |
| 5  | 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.  | 22.5 | 131       |
| 6  | Prevalence of retinitis pigmentosa in Singapore: the Singapore Epidemiology of Eye Diseases Study. <i>Acta Ophthalmologica</i> , 2021, 99, e134-e135.   | 1.1  | 6         |
| 7  | Deep learning in glaucoma with optical coherence tomography: a review. <i>Eye</i> , 2021, 35, 188-201.  | 2.1  | 53        |
| 8  | 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.   | 2.6  | 73        |
| 9  | Six-Year Incidence and Risk Factors of Primary Glaucoma in the Singapore Indian Eye Study. <i>Ophthalmology Glaucoma</i> , 2021, 4, 201-208.  | 1.9  | 3         |
| 10 | Emergence of non-AI digital health innovations in ophthalmology: A systematic review. <i>Clinical and Experimental Ophthalmology</i> , 2021, 49, 741-756.   | 2.6  | 4         |
| 11 | 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, 9307.   | 2.6  | 21        |
| 12 | The Global Extent of Undetected Glaucoma in Adults. <i>Ophthalmology</i> , 2021, 128, 1393-1404.  | 5.2  | 33        |
| 13 | 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.   | 2.4  | 1         |
| 14 | 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.   | 3.9  | 25        |
| 15 | Systemic medications and cortical cataract: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2020, 104, 330-335.   | 3.9  | 3         |
| 16 | Asian-specific vertical cup-to-disc ratio cutoff for glaucoma screening: An evidence-based recommendation from a multi-ethnic Asian population. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 1210-1218.                                   | 2.6  | 17        |
| 17 | Agreement in Measures of Macular Perfusion between Optical Coherence Tomography Angiography Machines. <i>Scientific Reports</i> , 2020, 10, 8345.   | 3.3  | 1         |
| 18 | Relationships between disaster nursing competence, anticipatory disaster stress and motivation for disaster engagement. <i>International Journal of Disaster Risk Reduction</i> , 2020, 47, 101545.   | 3.9  | 12        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Interethnic differences in neuroimaging markers and cognition in Asians, a population-based study. Scientific Reports, 2020, 10, 2655.  | 3.3  | 5         |
| 20 | Do we have enough ophthalmologists to manage vision-threatening diabetic retinopathy? A global perspective. Eye, 2020, 34, 1255-1261.   | 2.1  | 32        |
| 21 | Performance competence of pregraduate nursing students and hospital nurses: A comparison study. Journal of Clinical Nursing, 2020, 29, 2652-2662.   | 3.0  | 10        |
| 22 | Singapore Chinese Eye Study: key findings from baseline examination and the rationale, methodology of the 6-year follow-up series. British Journal of Ophthalmology, 2020, 104, 610-615.                        | 3.9  | 25        |
| 23 | Effects of a smartphone-based videoconferencing program for older nursing home residents on depression, loneliness, and quality of life: a quasi-experimental study. BMC Geriatrics, 2020, 20, 27.              | 2.7  | 67        |
| 24 | An Exploration of Motivation for Disaster Engagement and Its Related Factors among Undergraduate Nursing Students in Taiwan. International Journal of Environmental Research and Public Health, 2020, 17, 3542. | 2.6  | 4         |
| 25 | Population genomics in South East Asia captures unexpectedly high carrier frequency for treatable inherited disorders. Genetics in Medicine, 2019, 21, 207-212.   | 2.4  | 18        |
| 26 | Racial differences and determinants of macular thickness profiles in multiethnic Asian population: the Singapore Epidemiology of Eye Diseases Study. British Journal of Ophthalmology, 2019, 103, 894-899.      | 3.9  | 14        |
| 27 | Incidence and progression of diabetic retinopathy: a systematic review. Lancet Diabetes and Endocrinology, 2019, 7, 140-149.  | 11.4 | 299       |
| 28 | Variation of Peripapillary Scleral Shape With Age. , 2019, 60, 3275.  |      | 22        |
| 29 | Genetic variants linked to myopic macular degeneration in persons with high myopia: CREAM Consortium. PLoS ONE, 2019, 14, e0220143.   | 2.5  | 12        |
| 30 | The Informant AD8 Can Discriminate Patients with Dementia From Healthy Control Participants in an Asian Older Cohort. Journal of the American Medical Directors Association, 2019, 20, 775-779.                 | 2.5  | 12        |
| 31 | Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.  | 3.4  | 85        |
| 32 | Association between diabetic retinopathy and incident cognitive impairment. British Journal of Ophthalmology, 2019, 103, 1605-1609.   | 3.9  | 29        |
| 33 | Sleep Duration and Diabetic Kidney Disease. Frontiers in Endocrinology, 2019, 9, 808.   | 3.5  | 12        |
| 34 | The Effect of Gender on Visual Field Sensitivity: The Singapore Chinese Eye Study. Ophthalmic Epidemiology, 2019, 26, 183-188.  | 1.7  | 2         |
| 35 | Normative pattern and determinants of outer retinal thickness in an Asian population: the Singapore Epidemiology of Eye Diseases Study. British Journal of Ophthalmology, 2019, 103, 1406-1412.                 | 3.9  | 5         |
| 36 | Artificial Intelligence Using Deep Learning in Classifying Side of the Eyes and Width of Field for Retinal Fundus Photographs. Lecture Notes in Computer Science, 2019, , 309-315.                              | 1.3  | 2         |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 37 | Relationship Between Sleep and Symptoms of Tear Dysfunction in Singapore Malays and Indians. , 2019, 60, 1889.   |      | 20        |
| 38 | Cerebral Small Vessel Disease and Enlarged Perivascular Spaces-Data From Memory Clinic and Population-Based Settings. <i>Frontiers in Neurology</i> , 2019, 10, 669.   | 2.4  | 16        |
| 39 | A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.  | 21.4 | 549       |
| 40 | Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019, 570, 71-76.   | 27.8 | 248       |
| 41 | Changes in the Anterior Lamina Cribrosa Morphology with Glaucoma Severity. <i>Scientific Reports</i> , 2019, 9, 6612.  | 3.3  | 17        |
| 42 | 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.                         | 3.3  | 22        |
| 43 | U-Shaped Relationship between Serum Leptin Concentration and Cognitive Performance in Older Asian Adults. <i>Nutrients</i> , 2019, 11, 660.  | 4.1  | 5         |
| 44 | 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.   | 21.4 | 112       |
| 45 | 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.                                | 5.9  | 64        |
| 46 | 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.  | 2.5  | 10        |
| 47 | A Potential Link Between Ambient Air Pollution and Intraocular Pressure. <i>JAMA Ophthalmology</i> , 2019, 137, 137.   | 2.5  | 3         |
| 48 | Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019, 92, .  | 1.1  | 30        |
| 49 | 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. | 1.9  | 49        |
| 50 | 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.                  | 3.9  | 10        |
| 51 | 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.                                    | 0.6  | 54        |
| 52 | 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.  | 3.3  | 21        |
| 53 | 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.         | 3.9  | 29        |
| 54 | Racial/Ethnic Differences in Cognitive Symptoms During the Menopausal Transition. <i>Western Journal of Nursing Research</i> , 2019, 41, 217-237.  | 1.4  | 8         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 55 | Retinal Nerve Fiber Layer Thickness in a Multiethnic Normal Asian Population. <i>Ophthalmology</i> , 2019, 126, 702-711.  | 5.2  | 49        |
| 56 | Homocysteine and Cerebral Atrophy: The Epidemiology of Dementia in Singapore Study. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 877-885.  | 2.6  | 14        |
| 57 | Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , 2018, 27, 1486-1496.  | 2.9  | 111       |
| 58 | Clusters of midlife women identified by cognitive symptoms. <i>Maturitas</i> , 2018, 110, 33-40.  | 2.4  | 2         |
| 59 | Choroidal Nevi in the Singapore Epidemiology of Eye Disease Study. <i>Ophthalmology</i> , 2018, 125, 784-786.   | 5.2  | 1         |
| 60 | 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.   | 6.2  | 123       |
| 61 | 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.  | 3.9  | 6         |
| 62 | 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.  | 3.9  | 41        |
| 63 | Associations of Peripapillary Atrophy and Fundus Tessellation with Diabetic Retinopathy. <i>Ophthalmology Retina</i> , 2018, 2, 574-581.  | 2.4  | 9         |
| 64 | 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.  | 2.5  | 18        |
| 65 | Evaluation of Primary Angle-Closure Glaucoma Susceptibility Loci in Patients with Early Stages of Angle-Closure Disease. <i>Ophthalmology</i> , 2018, 125, 664-670.   | 5.2  | 22        |
| 66 | CCDC102B confers risk of low vision and blindness in high myopia. <i>Nature Communications</i> , 2018, 9, 1782.   | 12.8 | 39        |
| 67 | 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. | 1.9  | 65        |
| 68 | Peripheral retinal changes in highly myopic young Asian eyes. <i>Acta Ophthalmologica</i> , 2018, 96, e846-e851.  | 1.1  | 21        |
| 69 | Diet and risk of myopia in three-year-old Singapore children: the GUSTO cohort. <i>Australasian journal of optometry, The</i> , 2018, 101, 692-699.   | 1.3  | 11        |
| 70 | 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.   | 2.3  | 5         |
| 71 | Impact of Incidence and Progression of Diabetic Retinopathy on Vision-Specific Functioning. <i>Ophthalmology</i> , 2018, 125, 1401-1409.  | 5.2  | 13        |
| 72 | INVOLVEMENT OF MULTIPLE MOLECULAR PATHWAYS IN THE GENETICS OF OCULAR REFRACTION AND MYOPIA. <i>Retina</i> , 2018, 38, 91-101.   | 1.7  | 25        |

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|----|--|------|-----------|
| 73 | Social, health and ocular factors associated with primary open-angle glaucoma amongst Chinese Singaporeans. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 25-34.  | 2.6  | 18        |
| 74 | Factors affecting signal strength in spectral-domain optical coherence tomography. <i>Acta Ophthalmologica</i> , 2018, 96, e54-e58.  | 1.1  | 17        |
| 75 | Factors that influence tear meniscus area and conjunctivochalasis: The Singapore Indian eye study. <i>Ophthalmic Epidemiology</i> , 2018, 25, 70-78.   | 1.7  | 10        |
| 76 | The Effect of Testing Reliability on Visual Field Sensitivity in Normal Eyes. <i>Ophthalmology</i> , 2018, 125, 15-21.   | 5.2  | 27        |
| 77 | Prevalence, subtypes, severity and determinants of ocular trauma: The Singapore Chinese Eye Study. <i>British Journal of Ophthalmology</i> , 2018, 102, 204-209.   | 3.9  | 21        |
| 78 | Macular thickness profile and diabetic retinopathy: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2018, 102, 1072-1076.  | 3.9  | 15        |
| 79 | Ethnic Differences in the Prevalence and Risk Factors of Diabetic Retinopathy. <i>Ophthalmology</i> , 2018, 125, 529-536.  | 5.2  | 97        |
| 80 | Imaging of the lamina cribrosa and its role in glaucoma: a review. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 177-188.   | 2.6  | 26        |
| 81 | Haemoglobin, magnetic resonance imaging markers and cognition: a subsample of population-based study. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 114.   | 6.2  | 13        |
| 82 | 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</i> , The, 2018, 392, 1923-1994. | 13.7 | 3,269     |
| 83 | Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , 2018, 9, 5052.   | 12.8 | 75        |
| 84 | Prevalence, Risk Factors, and Impact of Myopic Macular Degeneration on Visual Impairment and Functioning Among Adults in Singapore. , 2018, 59, 4603.  |      | 92        |
| 85 | Aldose Reductase Polymorphisms, Fasting Blood Glucose, and Age-Related Cortical Cataract. , 2018, 59, 4755.  |      | 5         |
| 86 | 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.  | 3.3  | 11        |
| 87 | Six-Year Incidence of and Risk Factors for Cataract Surgery in a Multi-ethnic Asian Population. <i>Ophthalmology</i> , 2018, 125, 1844-1853.   | 5.2  | 25        |
| 88 | 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.  | 3.3  | 12        |
| 89 | Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018, 50, 834-848.   | 21.4 | 239       |
| 90 | 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.  | 21.4 | 214       |

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|-----|---|------|-----------|
| 91  | Falls and Recurrent Falls among Adults in A Multi-ethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. Scientific Reports, 2018, 8, 7575.   | 3.3  | 33        |
| 92  | Reply. American Journal of Ophthalmology, 2018, 192, 252.   | 3.3  | 0         |
| 93  | Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. Nature Communications, 2018, 9, 1864.   | 12.8 | 63        |
| 94  | Associations between sleep duration, sleep quality and diabetic retinopathy. PLoS ONE, 2018, 13, e0196399.  | 2.5  | 28        |
| 95  | Long-Term Shape, Curvature, and Depth Changes of the Lamina Cribrosa after Trabeculectomy. Ophthalmology, 2018, 125, 1729-1740.   | 5.2  | 24        |
| 96  | 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. PLoS ONE, 2018, 13, e0199134. | 2.5  | 23        |
| 97  | Regression models with ordered multiple categorical predictors. Journal of Statistical Computation and Simulation, 2018, 88, 3164-3178.   | 1.2  | 4         |
| 98  | Direct and Indirect Associations Between Diabetes and Intraocular Pressure: The Singapore Epidemiology of Eye Diseases Study. , 2018, 59, 2205.   |      | 19        |
| 99  | Differential effect of body mass index on the incidence of diabetes and diabetic retinopathy in two Asian populations. Nutrition and Diabetes, 2018, 8, 16.   | 3.2  | 30        |
| 100 | Trends of Visual Impairment and Blindness in the Singapore Chinese Population over a Decade. Scientific Reports, 2018, 8, 12224.  | 3.3  | 22        |
| 101 | Reply. American Journal of Ophthalmology, 2018, 188, 185.   | 3.3  | 1         |
| 102 | Reply. Ophthalmology, 2018, 125, e55.   | 5.2  | 0         |
| 103 | Six-Year Incidence and Risk Factors of Age-Related Macular Degeneration in Singaporean Indians: The Singapore Indian Eye Study. Scientific Reports, 2018, 8, 8869.  | 3.3  | 9         |
| 104 | Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.   | 2.5  | 94        |
| 105 | Prevalence and risk factors for epiretinal membrane: the Singapore Epidemiology of Eye Disease study. British Journal of Ophthalmology, 2017, 101, bjophthalmol-2016-308563.  | 3.9  | 72        |
| 106 | Genome-wide association study of Parkinson's disease in East Asians. Human Molecular Genetics, 2017, 26, ddw379.  | 2.9  | 94        |
| 107 | Associations between chronic systemic diseases and primary open angle glaucoma: an epidemiological perspective. Clinical and Experimental Ophthalmology, 2017, 45, 24-32.   | 2.6  | 42        |
| 108 | Association of Systemic Medication Use With Intraocular Pressure in a Multiethnic Asian Population. JAMA Ophthalmology, 2017, 135, 196.   | 2.5  | 43        |



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|-----|---|------|-----------|
| 109 | Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.   | 12.8 | 250       |
| 110 | Reply to choroidal thickness, correlations, and systemic disease. <i>Survey of Ophthalmology</i> , 2017, 62, 251-252.   | 4.0  | 0         |
| 111 | Systemic, Ocular and Genetic Risk Factors for Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Singaporeans. <i>Scientific Reports</i> , 2017, 7, 41386.   | 3.3  | 29        |
| 112 | New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics.. <i>Human Molecular Genetics</i> , 2017, 26, ddw399.                               | 2.9  | 120       |
| 113 | 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.                  | 3.3  | 75        |
| 114 | Association of iris crypts with acute primary angle closure. <i>British Journal of Ophthalmology</i> , 2017, 101, 1318-1322.  | 3.9  | 6         |
| 115 | <i>BRCA2</i> Hypomorphic Missense Variants Confer Moderate Risks of Breast Cancer. <i>Cancer Research</i> , 2017, 77, 2789-2799.  | 0.9  | 75        |
| 116 | Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. <i>JAMA Oncology</i> , 2017, 3, 636.  | 7.1  | 376       |
| 117 | Characterisation of choroidal morphological and vascular features in diabetes and diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2017, 101, 1038-1044.   | 3.9  | 36        |
| 118 | Cerebral microbleeds and neuropsychiatric symptoms in an elderly Asian cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 7-11.   | 1.9  | 25        |
| 119 | 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. | 6.5  | 42        |
| 120 | Six-Year Incidence of Age-Related Macular Degeneration in Asian Malays. <i>Ophthalmology</i> , 2017, 124, 1305-1313.  | 5.2  | 31        |
| 121 | Singapore Indian Eye Studyâ€²: methodology and impact of migration on systemic and eye outcomes. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 779-789.  | 2.6  | 65        |
| 122 | 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.   | 3.9  | 27        |
| 123 | Comparison of Corneal Biomechanical Properties between Indian and Chinese Adults. <i>Ophthalmology</i> , 2017, 124, 1271-1279.  | 5.2  | 11        |
| 124 | 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.  | 4.4  | 19        |
| 125 | Crowdsourcing to Evaluate Fundus Photographs for the Presence of Glaucoma. <i>Journal of Glaucoma</i> , 2017, 26, 505-510.  | 1.6  | 12        |
| 126 | Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2017, 46, 1882-1890.  | 1.9  | 47        |



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|-----|--|------|-----------|
| 127 | 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.   | 21.4 | 114       |
| 128 | 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.                           | 2.9  | 135       |
| 129 | Relationship between Myopia Severity and Macular Retinal Thickness on Visual Performance under Different Lighting Conditions. <i>Ophthalmology Retina</i> , 2017, 1, 339-346.  | 2.4  | 2         |
| 130 | Ethnic Differences in the Association Between Age-Related Macular Degeneration and Vision-Specific Functioning. <i>JAMA Ophthalmology</i> , 2017, 135, 469.  | 2.5  | 7         |
| 131 | Genome-Wide Association Study Meta-Analysis of Long-Term Average Blood Pressure in East Asians. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, e001527.   | 5.1  | 26        |
| 132 | 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.   | 3.9  | 23        |
| 133 | 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.   | 2.8  | 17        |
| 134 | Type 2 Diabetes Genetic Variants and Risk of Diabetic Retinopathy. <i>Ophthalmology</i> , 2017, 124, 336-342.  | 5.2  | 21        |
| 135 | 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.  | 21.4 | 129       |
| 136 | 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.                      | 2.6  | 7         |
| 137 | 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. | 13.7 | 5,010     |
| 138 | Genetically Determined Plasma Lipid Levels and Risk of Diabetic Retinopathy: A Mendelian Randomization Study. <i>Diabetes</i> , 2017, 66, 3130-3141.   | 0.6  | 17        |
| 139 | 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.  | 6.3  | 21        |
| 140 | Prevalence and Associations of Retinal Emboli With Ethnicity, Stroke, and Renal Disease in a Multiethnic Asian Population. <i>JAMA Ophthalmology</i> , 2017, 135, 1023.  | 2.5  | 13        |
| 141 | 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.   | 2.3  | 35        |
| 142 | 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.   | 2.8  | 18        |
| 143 | Is Corneal Arcus Independently Associated With Incident Cardiovascular Disease in Asians?. <i>American Journal of Ophthalmology</i> , 2017, 183, 99-106.   | 3.3  | 16        |
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