Ching-Yu Cheng

List of Publications by Year
in descending order

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	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. Lancet, The, 2017, 390, 2627-2642.	13.7	5,010
2	Global Prevalence of Glaucoma and Projections of Glaucoma Burden through 2040. Ophthalmology, 2014, 121, 2081-2090.	5.2	4,514
3	Global prevalence of age-related macular degeneration and disease burden projection for 2020 and 2040: a systematic review and meta-analysis. The Lancet Global Health, 2014, 2, e106-e116.	6.3	3,277
4	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1923-1994.	13.7	3,269
5	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19·1 million participants. Lancet, The, 2017, 389, 37-55.	13.7	1,667
6	Development and Validation of a Deep Learning System for Diabetic Retinopathy and Related Eye Diseases Using Retinal Images From Multiethnic Populations With Diabetes. JAMA - Journal of the American Medical Association, 2017, 318, 2211.	7.4	1,442
7	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	27.8	952
8	Seven new loci associated with age-related macular degeneration. Nature Genetics, 2013, 45, 433-439.	21.4	687
9	A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972.	21.4	549
10	Prevalence of dry eye among an elderly Chinese population in Taiwan. Ophthalmology, 2003, 110, 1096-1101.	5.2	534
11	Choroidal vascularity index as a measure of vascular status of the choroid: Measurements in healthy eyes from a population-based study. Scientific Reports, 2016, 6, 21090.	3.3	468
12	Superpixel Classification Based Optic Disc and Optic Cup Segmentation for Glaucoma Screening. IEEE Transactions on Medical Imaging, 2013, 32, 1019-1032.	8.9	456
13	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. Nature Genetics, 2013, 45, 314-318.	21.4	398
14	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. JAMA Oncology, 2017, 3, 636.	7.1	376
15	Genome-wide association studies identify four ER negative–specific breast cancer risk loci. Nature Genetics, 2013, 45, 392-398.	21.4	374
16	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	21.4	362
17	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. PLoS Medicine, 2017, 14, e1002383.	8.4	341
18	Reduced Neutrophil Count in People of African Descent Is Due To a Regulatory Variant in the Duffy Antigen Receptor for Chemokines Gene. PLoS Genetics, 2009, 5, e1000360.	3.5	335

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19	Prevalence and causes of visual impairment in an elderly Chinese population in Taiwan11The authors have no proprietary interest in any aspect of the study.. Ophthalmology, 2004, 111, 62-69.	5.2	310
20	Incidence and progression of diabetic retinopathy: a systematic review. Lancet Diabetes and Endocrinology,the, 2019, 7, 140-149.	11.4	299
21	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. Nature Genetics, 2015, 47, 1282-1293.	21.4	294
22	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. Nature Genetics, 2013, 45, 155-163.	21.4	269
23	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
24	Exome sequencing of 20,791Âcases of type 2 diabetes and 24,440Âcontrols. Nature, 2019, 570, 71-76.	27.8	248
25	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. Nature Genetics, 2018, 50, 834-848.	21.4	239
26	Genome-wide analyses identify 68 new loci associated with intraocular pressure and improve risk prediction for primary open-angle glaucoma. Nature Genetics, 2018, 50, 778-782.	21.4	214
27	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
28	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. Nature Genetics, 2014, 46, 1126-1130.	21.4	212
29	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. Nature Genetics, 2016, 48, 189-194.	21.4	211
30	The Age-Specific Prevalence of Myopia in Asia. Optometry and Vision Science, 2015, 92, 258-266.	1.2	201
31	State of science: Choroidal thickness and systemic health. Survey of Ophthalmology, 2016, 61, 566-581.	4.0	198
32	Genome-wide association analyses identify three new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2012, 44, 1142-1146.	21.4	196
33	Age of onset of myopia predicts risk of high myopia in later childhood in myopic Singapore children. Ophthalmic and Physiological Optics, 2016, 36, 388-394.	2.0	194
34	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. Nature Communications, 2015, 6, 5897.	12.8	173
35	Kidney and eye diseases: common risk factors, etiological mechanisms, and pathways. Kidney International, 2014, 85, 1290-1302.	5.2	172
36	Refractive Errors in an Elderly Chinese Population in Taiwan: The Shihpai Eye Study. , 2003, 44, 4630.		162

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37	Glaucoma in Asia: regional prevalence variations and future projections. British Journal of Ophthalmology, 2016, 100, 78-85.	3.9	160
38	Deep Whole-Genome Sequencing of 100 Southeast Asian Malays. American Journal of Human Genetics, 2013, 92, 52-66.	6.2	153
39	New loci and coding variants confer risk for age-related macular degeneration in East Asians. Nature Communications, 2015, 6, 6063.	12.8	147
40	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2016, 48, 556-562.	21.4	147
41	Prevalence of Refractive Errors in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Disease Study. , 2013, 54, 2590.		140
42	Nine Loci for Ocular Axial Length Identified through Genome-wide Association Studies, Including Shared Loci with Refractive Error. American Journal of Human Genetics, 2013, 93, 264-277.	6.2	139
43	Retinal Nerve Fiber Layer Thickness in Unilateral Amblyopia. , 2004, 45, 2224.		138
44	Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. Human Molecular Genetics, 2017, 26, 1770-1784.	2.9	135
45	Four Novel Loci (19q13, 6q24, 12q24, and 5q14) Influence the Microcirculation In Vivo. PLoS Genetics, 2010, 6, e1001184.	3.5	134
46	A deep-learning system for the assessment of cardiovascular disease risk via the measurement of retinal-vessel calibre. Nature Biomedical Engineering, 2021, 5, 498-508.	22.5	131
47	Exome chip meta-analysis identifies novel loci and East Asian–specific coding variants that contribute to lipid levels and coronary artery disease. Nature Genetics, 2017, 49, 1722-1730.	21.4	129
48	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	6.2	123
49	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics.. Human Molecular Genetics, 2017, 26, ddw399.	2.9	120
50	Epidemiologic study of age-related cataracts among an elderly chinese population in Shih-Pai, Taiwan. Ophthalmology, 2003, 110, 1089-1095.	5.2	119
51	Association of Ocular Dominance and Anisometropic Myopia. , 2004, 45, 2856.		118
52	Prevalence and Associated Risk Factors of Age-Related Macular Degeneration in an Elderly Chinese Population in Taiwan: The Shihpai Eye Study. , 2008, 49, 3126.		114
53	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. Nature Genetics, 2017, 49, 993-1004.	21.4	114
54	Plasma Metabonomic Profiling of Diabetic Retinopathy. Diabetes, 2016, 65, 1099-1108.	0.6	113

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55	Multi-ancestry genome-wide gene–smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. Nature Genetics, 2019, 51, 636-648.	21.4	112
56	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. Human Molecular Genetics, 2018, 27, 1486-1496.	2.9	111
57	Association of the Y402H Polymorphism in Complement Factor H Gene and Neovascular Age-Related Macular Degeneration in Chinese Patients. , 2006, 47, 3242.		110
58	Association between Symptoms and Signs of Dry Eye among an Elderly Chinese Population in Taiwan: The Shihpai Eye Study. , 2005, 46, 1593.		109
59	Gene-Age Interactions in Blood Pressure Regulation: A Large-Scale Investigation with the CHARGE, Global BPgen, and ICBP Consortia. American Journal of Human Genetics, 2014, 95, 24-38.	6.2	109
60	Identification of new susceptibility loci for IgA nephropathy in Han Chinese. Nature Communications, 2015, 6, 7270.	12.8	109
61	Retinal ganglion cell neuronal damage in diabetes and diabetic retinopathy. Clinical and Experimental Ophthalmology, 2016, 44, 243-250.	2.6	108
62	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. Human Molecular Genetics, 2015, 24, 1791-1800.	2.9	105
63	Meta-analysis of gene–environment-wide association scans accounting for education level identifies additional loci for refractive error. Nature Communications, 2016, 7, 11008.	12.8	104
64	Cortical cerebral microinfarcts on 3T MRI. Neurology, 2016, 87, 1583-1590.	1.1	101
65	The Prevalence and Types of Glaucoma in an Urban Chinese Population. JAMA Ophthalmology, 2015, 133, 874.	2.5	100
66	Ethnic Differences in the Prevalence and Risk Factors of Diabetic Retinopathy. Ophthalmology, 2018, 125, 529-536.	5.2	97
67	Integrative Review of Research on General Health Status and Prevalence of Common Physical Health Conditions of Women After Childbirth. Women's Health Issues, 2008, 18, 267-280.	2.0	96
68	Genetic Variants on Chromosome 1q41 Influence Ocular Axial Length and High Myopia. PLoS Genetics, 2012, 8, e1002753.	3.5	95
69	Quantitative assessment of retinal thickness in diabetic patients with and without clinically significant macular edema using optical coherence tomography. Acta Ophthalmologica, 2001, 79, 266-270.	0.3	94
70	Genome-wide association study of Parkinson's disease in East Asians. Human Molecular Genetics, 2017, 26, ddw379.	2.9	94
71	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
72	Prevalence, Risk Factors, and Impact of Myopic Macular Degeneration on Visual Impairment and Functioning Among Adults in Singapore. , 2018, 59, 4603.		92

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73	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. Nature Communications, 2014, 5, 4883.	12.8	89
74	Prevalence and Associated Risk Factors of Myopic Maculopathy in Elderly Chinese: The Shihpai Eye Study. , 2012, 53, 4868.		85
75	Determinants of Anterior Chamber Depth: The Singapore Chinese Eye Study. Ophthalmology, 2012, 119, 1143-1150.	5.2	85
76	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	3.4	85
77	Prevalence, Racial Variations, and Risk Factors of Age-Related Macular Degeneration in Singaporean Chinese, Indians, and Malays. Ophthalmology, 2014, 121, 1598-1603.	5.2	80
78	Choroidal thickness and high myopia: a caseâ€"control study of young <scp>C</scp>hinese men in <scp>S</scp>ingapore. Acta Ophthalmologica, 2015, 93, e585-92.	1.1	80
79	Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. Scientific Reports, 2016, 6, 25853.	3.3	80
80	Myopia and Age-Related Cataract: A Systematic Review and Meta-analysis. American Journal of Ophthalmology, 2013, 156, 1021-1033.e1.	3.3	79
81	Ethnic Differences of Intraocular Pressure and Central Corneal Thickness. Ophthalmology, 2014, 121, 2013-2022.	5.2	78
82	Admixture Mapping of 15,280 African Americans Identifies Obesity Susceptibility Loci on Chromosomes 5 and X. PLoS Genetics, 2009, 5, e1000490.	3.5	78
83	Fine-Scale Mapping of the 5q11.2 Breast Cancer Locus Reveals at Least Three Independent Risk Variants Regulating MAP3K1. American Journal of Human Genetics, 2015, 96, 5-20.	6.2	76
84	Characterization of Choroidal Morphologic and Vascular Features in Young Men With High Myopia Using Spectral-DomainÂOptical Coherence Tomography. American Journal of Ophthalmology, 2017, 177, 27-33.	3.3	75
85	<i>BRCA2</i> Hypomorphic Missense Variants Confer Moderate Risks of Breast Cancer. Cancer Research, 2017, 77, 2789-2799.	0.9	75
86	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. Nature Communications, 2018, 9, 5052.	12.8	75
87	Prevalence, Risk Factors, and Visual Features of Undiagnosed Glaucoma. JAMA Ophthalmology, 2015, 133, 938.	2.5	74
88	Distribution and Determinants of Choroidal Thickness and Volume Using Automated Segmentation Software in a Population-Based Study. American Journal of Ophthalmology, 2015, 159, 293-301.e3.	3.3	73
89	HDL-cholesterol levels and risk of age-related macular degeneration: a multiethnic genetic study using Mendelian randomization. International Journal of Epidemiology, 2017, 46, 1891-1902.	1.9	73
90	Telehealth Demand Trends During the COVID-19 Pandemic in the Top 50 Most Affected Countries: Infodemiological Evaluation. JMIR Public Health and Surveillance, 2021, 7, e24445.	2.6	73

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91	Incidence of Eyelid Cancers in Taiwan. Ophthalmology, 2006, 113, 2101-2107.	5.2	72
92	Meta-analysis of Genome-Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. Genetic Epidemiology, 2015, 39, 207-216.	1.3	72
93	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
94	Visual impairment in a Taiwanese population: Prevalence, causes, and socioeconomic factors. Ophthalmic Epidemiology, 2001, 8, 339-350.	1.7	70
95	African Ancestry and Its Correlation to Type 2 Diabetes in African Americans: A Genetic Admixture Analysis in Three U.S. Population Cohorts. PLoS ONE, 2012, 7, e32840.	2.5	70
96	Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. Nature Communications, 2015, 6, 6689.	12.8	70
97	Identification of four novel variants that influence central corneal thickness in multi-ethnic Asian populations. Human Molecular Genetics, 2012, 21, 437-445.	2.9	69
98	ABCC5, a Gene That Influences the Anterior Chamber Depth, Is Associated with Primary Angle Closure Glaucoma. PLoS Genetics, 2014, 10, e1004089.	3.5	68
99	A missense variant in FGD6 confers increased risk of polypoidal choroidal vasculopathy. Nature Genetics, 2016, 48, 640-647.	21.4	68
100	Determinants of Angle Width in Chinese Singaporeans. Ophthalmology, 2012, 119, 278-282.	5.2	67
101	Myopia, Axial Length, and Age-Related Cataract: The Singapore Malay Eye Study. , 2013, 54, 4498.		67
102	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
103	Prevalence and determinants of undiagnosed diabetic retinopathy and vision-threatening retinopathy in a multiethnic Asian cohort: the Singapore Epidemiology of Eye Diseases (SEED) study. British Journal of Ophthalmology, 2015, 99, 1614-1621.	3.9	66
104	Job stress and job satisfaction among new graduate nurses during the first year of employment in <scp>T</scp>aiwan. International Journal of Nursing Practice, 2015, 21, 410-418.	1.7	65
105	Ancestry, Socioeconomic Status, and Age-Related Cataract in Asians. Ophthalmology, 2015, 122, 2169-2178.	5.2	65
106	Singapore Indian Eye Study-2: methodology and impact of migration on systemic and eye outcomes. Clinical and Experimental Ophthalmology, 2017, 45, 779-789.	2.6	65
107	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. International Journal of Epidemiology, 2018, 47, 872-883i.	1.9	65
108	Factors Predicting Intraocular Pressure Control After Phacoemulsification in Angle-Closure Glaucoma. JAMA Ophthalmology, 2006, 124, 1390.	2.4	64

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109	Myopic Maculopathy and Optic Disc Changes in Highly Myopic Young Asian Eyes and Impact on Visual Acuity. American Journal of Ophthalmology, 2016, 164, 69-79.	3.3	64
110	Association of Diabetic Retinopathy and Diabetic Kidney Disease With All-Cause and Cardiovascular Mortality in a Multiethnic Asian Population. JAMA Network Open, 2019, 2, e191540.	5.9	64
111	Intraocular Pressure Measured With a Noncontact Tonometer in an Elderly Chinese Population. JAMA Ophthalmology, 2005, 123, 381.	2.4	63
112	Comparing methods for performing trans-ethnic meta-analysis of genome-wide association studies. Human Molecular Genetics, 2013, 22, 2303-2311.	2.9	63
113	Genome-Wide Association Study Meta-Analysis Reveals Transethnic Replication of Mean Arterial and Pulse Pressure Loci. Hypertension, 2013, 62, 853-859.	2.7	63
114	Education influences the association between genetic variants and refractive error: a meta-analysis of five Singapore studies. Human Molecular Genetics, 2014, 23, 546-554.	2.9	63
115	Peripapillary Choroidal Thickness in Young Asians With High Myopia. Investigative Ophthalmology and Visual Science, 2015, 56, 1475-1481.	3.3	63
116	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
117	Determinants of Macular Thickness Using Spectral Domain Optical Coherence Tomography in Healthy Eyes: The Singapore Chinese Eye Study. , 2013, 54, 7968.		62
118	Multiple Nonglycemic Genomic Loci Are Newly Associated With Blood Level of Glycated Hemoglobin in East Asians. Diabetes, 2014, 63, 2551-2562.	0.6	61
119	Clinical characteristics and factors associated the outcome of lacrimal canaliculitis. Acta Ophthalmologica, 2011, 89, 759-763.	1.1	60
120	Genome-wide association study identifies ZFHX1B as a susceptibility locus for severe myopia. Human Molecular Genetics, 2013, 22, 5288-5294.	2.9	59
121	Genetic Determinants of Age-Related Macular Degeneration in Diverse Populations From the PAGE Study. Investigative Ophthalmology and Visual Science, 2014, 55, 6839-6850.	3.3	59
122	Power Vector Analysis of Refractive, Corneal, and Internal Astigmatism in an Elderly Chinese Population: The Shihpai Eye Study. , 2011, 52, 9651.		58
123	Oxidative Stress Change by Systemic Corticosteroid Treatment Among Patients Having Active Graves Ophthalmopathy. JAMA Ophthalmology, 2007, 125, 1652.	2.4	57
124	The Prevalence and Types of Glaucoma in an Urban Indian Population: The Singapore Indian Eye Study. , 2013, 54, 4621.		57
125	The effects of Team-Based Learning on learning behaviors in the maternal-child nursing course. Nurse Education Today, 2014, 34, 25-30.	3.3	57
126	Body Mass Index and Age-Related Cataract. JAMA Ophthalmology, 2005, 123, 1109.	2.4	55

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127	Determinants of Long-term Intraocular Pressure After Phacoemulsification in Primary Angle-closure Glaucoma. Journal of Glaucoma, 2011, 20, 566-570.	1.6	54
128	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. Diabetes, 2019, 68, 441-456.	0.6	54
129	Deep learning in glaucoma with optical coherence tomography: a review. Eye, 2021, 35, 188-201.	2.1	53
130	Changes in intraocular pressure and ocular perfusion pressure after latanoprost 0.005% or brimonidine tartrate 0.2% in normal-tension glaucoma patients. Ophthalmology, 2002, 109, 2241-2247.	5.2	52
131	Effects of stress and social support on postpartum health of Chinese mothers in the United States. Research in Nursing and Health, 2009, 32, 582-591.	1.6	52
132	Effects of prenatal maternal mental distress on birth outcomes. Women and Birth, 2016, 29, 376-380.	2.0	52
133	Body mass index and retinopathy in Asian populations with diabetes mellitus. Acta Diabetologica, 2015, 52, 73-80.	2.5	51
134	Fineâ€scale mapping of 8q24 locus identifies multiple independent risk variants for breast cancer. International Journal of Cancer, 2016, 139, 1303-1317.	5.1	51
135	Relationship of Estimated GFR and Albuminuria to Concurrent Laboratory Abnormalities: An Individual Participant Data Meta-analysis in a Global Consortium. American Journal of Kidney Diseases, 2019, 73, 206-217.	1.9	49
136	Retinal Nerve Fiber Layer Thickness in a Multiethnic Normal Asian Population. Ophthalmology, 2019, 126, 702-711.	5.2	49
137	New Graduate Nursesâ€™ Clinical Competence, Clinical Stress, and Intention to Leave: A Longitudinal Study in Taiwan. Scientific World Journal, The, 2014, 2014, 1-9.	2.1	47
138	Longitudinal study of perinatal maternal stress, depressive symptoms and anxiety. Midwifery, 2014, 30, 795-801.	2.3	47
139	A Global Shape Index to Characterize Anterior Lamina Cribrosa Morphology and Its Determinants in Healthy Indian Eyes. , 2015, 56, 3604.		47
140	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. International Journal of Epidemiology, 2017, 46, 1882-1890.	1.9	47
141	Increased Burden of Vision Impairment and Eye Diseases in Persons with Chronic Kidney Disease â€" A Population-Based Study. EBioMedicine, 2016, 5, 193-197.	6.1	46
142	Correctable Visual Impairment in an Elderly Chinese Population in Taiwan: The Shihpai Eye Study. , 2007, 48, 1032.		44
143	Admixture Mapping of Obesityâ€related Traits in African Americans: The Atherosclerosis Risk in Communities (ARIC) Study. Obesity, 2010, 18, 563-572.	3.0	44
144	Retinal Vascular Imaging Markers and Incident Chronic Kidney Disease: A Prospective Cohort Study. Scientific Reports, 2017, 7, 9374.	3.3	44

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145	Early Retinal Arteriolar Changes and Peripheral Neuropathy in Diabetes. Diabetes Care, 2012, 35, 1098-1104.	8.6	43
146	Association of Systemic Medication Use With Intraocular Pressure in a Multiethnic Asian Population. JAMA Ophthalmology, 2017, 135, 196.	2.5	43
147	Automatic Grading of Nuclear Cataracts from Slit-Lamp Lens Images Using Group Sparsity Regression. Lecture Notes in Computer Science, 2013, 16, 468-475.	1.3	43
148	Visual acuity and contrast sensitivity in different types of posterior capsule opacification. Journal of Cataract and Refractive Surgery, 2001, 27, 1055-1060.	1.5	42
149	Associations between chronic systemic diseases and primary open angle glaucoma: an epidemiological perspective. Clinical and Experimental Ophthalmology, 2017, 45, 24-32.	2.6	42
150	Customized Consensus Spectral Library Building for Untargeted Quantitative Metabolomics Analysis with Data Independent Acquisition Mass Spectrometry and MetaboDIA Workflow. Analytical Chemistry, 2017, 89, 4897-4906.	6.5	42
151	Does Genetic Ancestry Explain Higher Values of Glycated Hemoglobin in African Americans?. Diabetes, 2011, 60, 2434-2438.	0.6	41
152	Prevalence and Risk Factors for Age-Related Macular Degeneration in Indians: A Comparative Study in Singapore and India. American Journal of Ophthalmology, 2013, 155, 764-773.e3.	3.3	41
153	DETAILED CHARACTERIZATION OF CHOROIDAL MORPHOLOGIC AND VASCULAR FEATURES IN AGE-RELATED MACULAR DEGENERATION AND POLYPOIDAL CHOROIDAL VASCULOPATHY. Retina, 2017, 37, 2269-2280.	1.7	41
154	Inter-relationship between ocular perfusion pressure, blood pressure, intraocular pressure profiles and primary open-angle glaucoma: the Singapore Epidemiology of Eye Diseases study. British Journal of Ophthalmology, 2018, 102, 1402-1406.	3.9	41
155	Whole-exome sequencing implicates UBE3D in age-related macular degeneration in East Asian populations. Nature Communications, 2015, 6, 6687.	12.8	40
156	The development and psychometric testing of a theory-based instrument to evaluate nurses' perception of clinical reasoning competence. Journal of Advanced Nursing, 2016, 72, 707-717.	3.3	40
157	Prevalence and Determinants of Suboptimal Vitamin D Levels in a Multiethnic Asian Population. Nutrients, 2017, 9, 313.	4.1	40
158	Myopia and Cognitive Dysfunction: The Singapore Malay Eye Study. , 2013, 54, 799.		39
159	Impact of Visual Impairment and Eye diseases on Mortality: the Singapore Malay Eye Study (SiMES). Scientific Reports, 2015, 5, 16304.	3.3	39
160	CCDC102B confers risk of low vision and blindness in high myopia. Nature Communications, 2018, 9, 1782.	12.8	39
161	Corneal Status in Primary Angle-closure Glaucoma With a History of Acute Attack. Journal of Glaucoma, 2012, 21, 12-16.	1.6	38
162	Determinants of Optical Coherence Tomography–Derived Minimum Neuroretinal Rim Width in a Normal Chinese Population. , 2015, 56, 3337.		38

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163	Jugular Venous Reflux Affects Ocular Venous System in Transient Monocular Blindness. Cerebrovascular Diseases, 2010, 29, 122-129.	1.7	37
164	Assessment of Iris Surface Features and TheirÂRelationship with Iris Thickness in Asian Eyes. Ophthalmology, 2014, 121, 1007-1012.	5.2	37
165	Association of Vision Impairment and Major Eye Diseases With Mobility and Independence in a Chinese Population. JAMA Ophthalmology, 2016, 134, 1087.	2.5	37
166	The effects of a deliberate practice program on nursing students' perception of clinical competence. Nurse Education Today, 2013, 33, 358-363.	3.3	36
167	Characterisation of choroidal morphological and vascular features in diabetes and diabetic retinopathy. British Journal of Ophthalmology, 2017, 101, 1038-1044.	3.9	36
168	Visual Impairment and Falls in the Elderly: The Shihpai Eye Study. Journal of the Chinese Medical Association, 2008, 71, 467-472.	1.4	35
169	Genome-Wide Meta-Analysis of Five Asian Cohorts Identifies PDGFRA as a Susceptibility Locus for Corneal Astigmatism. PLoS Genetics, 2011, 7, e1002402.	3.5	35
170	Racial Differences in Retinal Vessel Geometric Characteristics: A Multiethnic Study in Healthy Asians. , 2013, 54, 3650.		35
171	Meta-analysis of genome-wide association studies in multiethnic Asians identifies two loci for age-related nuclear cataract. Human Molecular Genetics, 2014, 23, 6119-6128.	2.9	35
172	Association of Common SIX6 Polymorphisms With Peripapillary Retinal Nerve Fiber Layer Thickness: The Singapore Chinese Eye Study. Investigative Ophthalmology and Visual Science, 2015, 56, 478-483.	3.3	35
173	Shared genetic variants for polypoidal choroidal vasculopathy and typical neovascular age-related macular degeneration in East Asians. Journal of Human Genetics, 2017, 62, 1049-1055.	2.3	35
174	Pathways-Driven Sparse Regression Identifies Pathways and Genes Associated with High-Density Lipoprotein Cholesterol in Two Asian Cohorts. PLoS Genetics, 2013, 9, e1003939.	3.5	34
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