Chiea-Chuen Khor

List of Publications by Citations

202 papers	11,312 citations	56 h-index	102 g-index
215 ext. papers	14,448 ext. citations	12.8 avg, IF	5.02 L-index

#	Paper	IF	Citations
202	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. *Nature Genetics*, **2014**, 46, 234-44	36.3	784
201	The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47	50.4	704
200	LoFreq: a sequence-quality aware, ultra-sensitive variant caller for uncovering cell-population heterogeneity from high-throughput sequencing datasets. *Nucleic Acids Research*, **2012**, 40, 11189-201	20.1	666
199	High-density genetic mapping identifies new susceptibility loci for rheumatoid arthritis. *Nature Genetics*, **2012**, 44, 1336-40	36.3	436
198	Genome-wide association study in individuals of South Asian ancestry identifies six new type 2 diabetes susceptibility loci. *Nature Genetics*, **2011**, 43, 984-9	36.3	406
197	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. *Nature Genetics*, **2013**, 45, 314-8	36.3	314
196	Genome-wide association study identifies FCGR2A as a susceptibility locus for Kawasaki disease. *Nature Genetics*, **2011**, 43, 1241-6	36.3	236
195	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	36.3	223
194	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	11.6	223
193	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. *Nature Genetics*, **2013**, 45, 155-63	36.3	222
192	Genome-wide association study identifies variants in the CFH region associated with host susceptibility to meningococcal disease. *Nature Genetics*, **2010**, 42, 772-6	36.3	221
191	A catalog of genetic loci associated with kidney function from analyses of a million individuals. *Nature Genetics*, **2019**, 51, 957-972	36.3	217
190	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. *Nature Genetics*, **2014**, 46, 1126-1130	36.3	171
189	Genome-wide expression profiling identifies type 1 interferon response pathways in active tuberculosis. *PLoS ONE*, **2012**, 7, e45839	3.7	168
188	Genome-wide association study identifies susceptibility loci for dengue shock syndrome at MICB and PLCE1. *Nature Genetics*, **2011**, 43, 1139-41	36.3	161
187	Genome-wide association analyses identify three new susceptibility loci for primary angle closure glaucoma. *Nature Genetics*, **2012**, 44, 1142-1146	36.3	160
186	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. *Nature Genetics*, **2016**, 48, 189-94	36.3	159

185	Identification of two new loci at IL23R and RAB32 that influence susceptibility to leprosy. *Nature Genetics*, **2011**, 43, 1247-51	36.3	133
184	Common variants near ABCA1 and in PMM2 are associated with primary open-angle glaucoma. *Nature Genetics*, **2014**, 46, 1115-9	36.3	129
183	Collagen-related genes influence the glaucoma risk factor, central corneal thickness. *Human Molecular Genetics*, **2011**, 20, 649-58	5.6	127
182	Cloning and variation of ground state intestinal stem cells. *Nature*, **2015**, 522, 173-8	50.4	126
181	Deep whole-genome sequencing of 100 southeast Asian Malays. *American Journal of Human Genetics*, **2013**, 92, 52-66	11	122
180	New loci and coding variants confer risk for age-related macular degeneration in East Asians. *Nature Communications*, **2015**, 6, 6063	17.4	118
179	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, 264-77	11	116
178	Whole-genome reconstruction and mutational signatures in gastric cancer. *Genome Biology*, **2012**, 13, R115	18.3	110
177	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. *Nature Genetics*, **2016**, 48, 556-62	36.3	109
176	Genome-wide association studies reveal genetic variants in CTNND2 for high myopia in Singapore Chinese. *Ophthalmology*, **2011**, 118, 368-75	7.3	103
175	CISH and susceptibility to infectious diseases. *New England Journal of Medicine*, **2010**, 362, 2092-101	59.2	103
174	Frequent transmission of the Mycobacterium tuberculosis Beijing lineage and positive selection for the EsxW Beijing variant in Vietnam. *Nature Genetics*, **2018**, 50, 849-856	36.3	94
173	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	5.6	90
172	Identification of type 2 diabetes loci in 433,540 East Asian individuals. *Nature*, **2020**, 582, 240-245	50.4	89
171	A common variant near TGFBR3 is associated with primary open angle glaucoma. *Human Molecular Genetics*, **2015**, 24, 3880-92	5.6	84
170	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	36.3	83
169	Global gene expression profiling identifies new therapeutic targets in acute Kawasaki disease. *Genome Medicine*, **2014**, 6, 541	14.4	83
168	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, 438-453	5.6	80

167	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	11	80
166	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. *Nature Communications*, **2016**, 7, 11008	17.4	79
165	Genome-wide association studies in Asians confirm the involvement of ATOH7 and TGFBR3, and further identify CARD10 as a novel locus influencing optic disc area. *Human Molecular Genetics*, **2011**, 20, 1864-72	5.6	79
164	Genetic variants on chromosome 1q41 influence ocular axial length and high myopia. *PLoS Genetics*, **2012**, 8, e1002753	6	77
163	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. *Nature Genetics*, **2017**, 49, 993-1004	36.3	72
162	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. *Human Molecular Genetics*, **2018**, 27, 1486-1496	5.6	72
161	Identification of new susceptibility loci for IgA nephropathy in Han Chinese. *Nature Communications* , **2015**, 6, 7270	17.4	72
160	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. *Human Molecular Genetics*, **2015**, 24, 1791-800	5.6	71
159	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. *Nature Communications*, **2014**, 5, 4883	17.4	71
158	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. *Nature Genetics*, **2015**, 47, 387-92	36.3	70
157	Genetic variants and cellular stressors associated with exfoliation syndrome modulate promoter activity of a lncRNA within the LOXL1 locus. *Human Molecular Genetics*, **2015**, 24, 6552-63	5.6	61
156	Identification of four novel variants that influence central corneal thickness in multi-ethnic Asian populations. *Human Molecular Genetics*, **2012**, 21, 437-45	5.6	61
155	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	36.3	59
154	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	11	59
153	and as susceptibility loci in choroidal thickness and pachychoroid disease central serous chorioretinopathy. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 6261-6266	11.5	59
152	Meta-analysis of Genome-Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. *Genetic Epidemiology*, **2015**, 39, 207-16	2.6	58
151	Genetic risk of extranodal natural killer T-cell lymphoma: a genome-wide association study. *Lancet Oncology, The*, **2016**, 17, 1240-7	21.7	58
150	Large scale international replication and meta-analysis study confirms association of the 15q14 locus with myopia. The CREAM consortium. *Human Genetics*, **2012**, 131, 1467-80	6.3	57

149	Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. *Nature Communications*, **2015**, 6, 6689	17.4	56
148	Brain-derived neurotrophic factor genetic polymorphism (rs6265) is protective against chemotherapy-associated cognitive impairment in patients with early-stage breast cancer. *Neuro-Oncology*, **2016**, 18, 244-51	1	56
147	Variation at HLA-DRB1 is associated with resistance to enteric fever. *Nature Genetics*, **2014**, 46, 1333-6	36.3	56
146	Education influences the association between genetic variants and refractive error: a meta-analysis of five Singapore studies. *Human Molecular Genetics*, **2014**, 23, 546-54	5.6	55
145	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. *Cell*, **2019**, 179, 736-749.e15	56.2	51
144	Cartography of opportunistic pathogens and antibiotic resistance genes in a tertiary hospital environment. *Nature Medicine*, **2020**, 26, 941-951	50.5	50
143	ABCC5, a gene that influences the anterior chamber depth, is associated with primary angle closure glaucoma. *PLoS Genetics*, **2014**, 10, e1004089	6	50
142	Genome-wide association study identifies ZFHX1B as a susceptibility locus for severe myopia. *Human Molecular Genetics*, **2013**, 22, 5288-94	5.6	49
141	Comparing methods for performing trans-ethnic meta-analysis of genome-wide association studies. *Human Molecular Genetics*, **2013**, 22, 2303-11	5.6	48
140	Transethnic replication of association of CTG18.1 repeat expansion of TCF4 gene with FuchsU corneal dystrophy in Chinese implies common causal variant **2014**, 55, 7073-8		47
139	Replication and meta-analysis of GWAS identified susceptibility loci in Kawasaki disease confirm the importance of B lymphoid tyrosine kinase (BLK) in disease susceptibility. *PLoS ONE*, **2013**, 8, e72037	3.7	47
138	A missense variant in FGD6 confers increased risk of polypoidal choroidal vasculopathy. *Nature Genetics*, **2016**, 48, 640-7	36.3	47
137	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. *Nature Communications*, **2021**, 12, 1258	17.4	47
136	Multiple nonglycemic genomic loci are newly associated with blood level of glycated hemoglobin in East Asians. *Diabetes*, **2014**, 63, 2551-62	0.9	46
135	Association of variants in FRAP1 and PDGFRA with corneal curvature in Asian populations from Singapore. *Human Molecular Genetics*, **2011**, 20, 3693-8	5.6	46
134	Genome-wide linkage and association mapping identify susceptibility alleles in ABCC4 for Kawasaki disease. *Journal of Medical Genetics*, **2011**, 48, 467-72	5.8	44
133	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
132	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. *Nature Communications*, **2019**, 10, 4130	17.4	43

131	Association of TCF4 gene polymorphisms with Fuchs' corneal dystrophy in the Chinese **2011**, 52, 5573-8		43
130	Sensitive detection of chromatin-altering polymorphisms reveals autoimmune disease mechanisms. *Nature Methods*, **2015**, 12, 458-64	21.6	41
129	Mutational spectrum of Barrett's stem cells suggests paths to initiation of a precancerous lesion. *Nature Communications*, **2016**, 7, 10380	17.4	41
128	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
127	Natural positive selection and north-south genetic diversity in East Asia. *European Journal of Human Genetics*, **2012**, 20, 102-10	5.3	38
126	Genetic variants of MICB and PLCE1 and associations with non-severe dengue. *PLoS ONE*, **2013**, 8, e59067	3.7	37
125	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. *Nature Communications*, **2018**, 9, 1864	17.4	37
124	A genome-wide association study of n-3 and n-6 plasma fatty acids in a Singaporean Chinese population. *Genes and Nutrition*, **2015**, 10, 53	4.3	35
123	Insights into the genetic structure and diversity of 38 South Asian Indians from deep whole-genome sequencing. *PLoS Genetics*, **2014**, 10, e1004377	6	34
122	Genetic Variation in the SLC8A1 Calcium Signaling Pathway Is Associated With Susceptibility to Kawasaki Disease and Coronary Artery Abnormalities. *Circulation: Cardiovascular Genetics*, **2016**, 9, 559-568		33
121	Genome-wide meta-analysis of five Asian cohorts identifies PDGFRA as a susceptibility locus for corneal astigmatism. *PLoS Genetics*, **2011**, 7, e1002402	6	33
120	Host-pathogen interactions revealed by human genome-wide surveys. *Trends in Genetics*, **2012**, 28, 233-43	8.5	32
119	TM4SF20 ancestral deletion and susceptibility to a pediatric disorder of early language delay and cerebral white matter hyperintensities. *American Journal of Human Genetics*, **2013**, 93, 197-210	11	32
118	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. *JAMA - Journal of the American Medical Association*, **2019**, 322, 1682-1691	27.4	31
117	Genome-wide association study of B cell non-Hodgkin lymphoma identifies 3q27 as a susceptibility locus in the Chinese population. *Nature Genetics*, **2013**, 45, 804-7	36.3	31
116	European polygenic risk score for prediction of breast cancer shows similar performance in Asian women. *Nature Communications*, **2020**, 11, 3833	17.4	31
115	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. *Diabetes*, **2017**, 66, 2019-2032	0.9	29
114	Loci for human leukocyte telomere length in the Singaporean Chinese population and trans-ethnic genetic studies. *Nature Communications*, **2019**, 10, 2491	17.4	29

113	Whole-exome sequencing implicates UBE3D in age-related macular degeneration in East Asian populations. *Nature Communications*, **2015**, 6, 6687	17.4	29
112	Pseudoexfoliation syndrome-associated genetic variants affect transcription factor binding and alternative splicing of LOXL1. *Nature Communications*, **2017**, 8, 15466	17.4	28
111	Meta-analysis of genome-wide association studies in multiethnic Asians identifies two loci for age-related nuclear cataract. *Human Molecular Genetics*, **2014**, 23, 6119-28	5.6	28
110	mcr-1 in Multidrug-Resistant blaKPC-2-Producing Clinical Enterobacteriaceae Isolates in Singapore. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 6435-7	5.9	27
109	Coding variants at hexa-allelic amino acid 13 of HLA-DRB1 explain independent SNP associations with follicular lymphoma risk. *American Journal of Human Genetics*, **2013**, 93, 167-72	11	26
108	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	4.3	26
107	Establishing multiple omics baselines for three Southeast Asian populations in the Singapore Integrative Omics Study. *Nature Communications*, **2017**, 8, 653	17.4	26
106	Association of common SIX6 polymorphisms with peripapillary retinal nerve fiber layer thickness: the Singapore Chinese Eye Study. *Investigative Ophthalmology and Visual Science*, **2014**, 56, 478-83		26
105	Analysis of non-synonymous-coding variants of Parkinson's disease-related pathogenic and susceptibility genes in East Asian populations. *Human Molecular Genetics*, **2014**, 23, 3891-7	5.6	26
104	Natural resistance to Meningococcal Disease related to CFH loci: Meta-analysis of genome-wide association studies. *Scientific Reports*, **2016**, 6, 35842	4.9	26
103	Predictive role of NUDT15 variants on thiopurine-induced myelotoxicity in Asian inflammatory bowel disease patients. *Pharmacogenomics*, **2018**, 19, 31-43	2.6	25
102	The genetic variants underlying breast cancer treatment-induced chronic and late toxicities: a systematic review. *Cancer Treatment Reviews*, **2014**, 40, 1199-214	14.4	25
101	SgD-CNV, a database for common and rare copy number variants in three Asian populations. *Human Mutation*, **2011**, 32, 1341-9	4.7	25
100	Targeted next-generation sequencing to diagnose disorders of HDL cholesterol. *Journal of Lipid Research*, **2015**, 56, 1993-2001	6.3	24
99	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
98	Aggregate Effects of Intraocular Pressure and Cup-to-Disc Ratio Genetic Variants on Glaucoma in a Multiethnic Asian Population. *Ophthalmology*, **2015**, 122, 1149-57	7.3	22
97	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. *Scientific Data*, **2017**, 4, 170179	8.2	22
96	Characterizing the genetic differences between two distinct migrant groups from Indo-European and Dravidian speaking populations in India. *BMC Genetics*, **2014**, 15, 86	2.6	22

95	Different hereditary contribution of the CFH gene between polypoidal choroidal vasculopathy and age-related macular degeneration in Chinese Han people **2014**, 55, 2534-8		21
94	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. *Human Genetics*, **2015**, 134, 131-46	6.3	20
93	MMP20 and ARMS2/HTRA1 Are Associated with Neovascular Lesion Size in Age-Related Macular Degeneration. *Ophthalmology*, **2015**, 122, 2295-2302.e2	7.3	20
92	Disruption of vascular homeostasis in patients with Kawasaki disease: involvement of vascular endothelial growth factor and angiopoietins. *Arthritis and Rheumatism*, **2012**, 64, 306-15		20
91	Coordinated genetic scaling of the human eye: shared determination of axial eye length and corneal curvature **2013**, 54, 1715-21		20
90	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. *PLoS ONE*, **2013**, 8, e79767	3.7	20
89	Pharmacogenetics of UGT1A4, UGT2B7 and UGT2B15 and Their Influence on Tamoxifen Disposition in Asian Breast Cancer Patients. *Clinical Pharmacokinetics*, **2016**, 55, 1239-1250	6.2	20
88	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
87	Genome-wide association analyses identify two susceptibility loci for pachychoroid disease central serous chorioretinopathy. *Communications Biology*, **2019**, 2, 468	6.7	19
86	CMPK1 and RBP3 are associated with corneal curvature in Asian populations. *Human Molecular Genetics*, **2014**, 23, 6129-36	5.6	18
85	Glaucoma Genetics: Recent Advances and Future Directions. *Asia-Pacific Journal of Ophthalmology*, **2016**, 5, 256-9	3.5	17
84	Patient-based transcriptome-wide analysis identify interferon and ubiquination pathways as potential predictors of influenza A disease severity. *PLoS ONE*, **2014**, 9, e111640	3.7	17
83	A novel splice-site mutation in ALS2 establishes the diagnosis of juvenile amyotrophic lateral sclerosis in a family with early onset anarthria and generalized dystonias. *PLoS ONE*, **2014**, 9, e113258	3.7	17
82	ISL1 is a major susceptibility gene for classic bladder exstrophy and a regulator of urinary tract development. *Scientific Reports*, **2017**, 7, 42170	4.9	16
81	Characterising private and shared signatures of positive selection in 37 Asian populations. *European Journal of Human Genetics*, **2017**, 25, 499-508	5.3	15
80	Evaluation of Primary Angle-Closure Glaucoma Susceptibility Loci in Patients with Early Stages of Angle-Closure Disease. *Ophthalmology*, **2018**, 125, 664-670	7.3	15
79	Pharmacogenetics of irinotecan, doxorubicin and docetaxel transporters in Asian and Caucasian cancer patients: a comparative review. *Drug Metabolism Reviews*, **2016**, 48, 502-540	7	15
78	Keratoconus-susceptibility gene identification by corneal thickness genome-wide association study and artificial intelligence IBM Watson. *Communications Biology*, **2020**, 3, 410	6.7	15

77	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. *Human Molecular Genetics*, **2019**, 28, 2615-2633	5.6	14
76	Interaction effects between Paraoxonase 1 variants and cigarette smoking on risk of coronary heart disease in a Singaporean Chinese population. *Atherosclerosis*, **2015**, 240, 40-5	3.1	14
75	Genome-wide association study identifies a missense variant at APOA5 for coronary artery disease in Multi-Ethnic Cohorts from Southeast Asia. *Scientific Reports*, **2017**, 7, 17921	4.9	14
74	Genetics of Exfoliation Syndrome. *Journal of Glaucoma*, **2018**, 27 Suppl 1, S12-S14	2.1	14
73	A Genetic Variant in TGFBR3-CDC7 Is Associated with Visual Field Progression in Primary Open-Angle Glaucoma Patients from Singapore. *Ophthalmology*, **2015**, 122, 2416-22	7.3	13
72	Genotype-phenotype correlation analysis for three primary angle closure glaucoma-associated genetic polymorphisms **2014**, 55, 1143-8		13
71	2q36.3 is associated with prognosis for oestrogen receptor-negative breast cancer patients treated with chemotherapy. *Nature Communications*, **2014**, 5, 4051	17.4	13
70	A statistical method for region-based meta-analysis of genome-wide association studies in genetically diverse populations. *European Journal of Human Genetics*, **2012**, 20, 469-75	5.3	12
69	Whole-Genome Sequencing Analysis of Serially Isolated Multi-Drug and Extensively Drug Resistant Mycobacterium tuberculosis from Thai Patients. *PLoS ONE*, **2016**, 11, e0160992	3.7	12
68	A homozygous FITM2 mutation causes a deafness-dystonia syndrome with motor regression and signs of ichthyosis and sensory neuropathy. *DMM Disease Models and Mechanisms*, **2017**, 10, 105-118	4.1	12
67	The genetics of angle closure glaucoma. *Experimental Eye Research*, **2019**, 189, 107835	3.7	11
66	Large-scale genotyping identifies a new locus at 22q13.2 associated with female breast size. *Journal of Medical Genetics*, **2013**, 50, 666-73	5.8	11
65	TNFRSF10A-LOC389641 rs13278062 but not REST-C4orf14-POLR2B-IGFBP7 rs1713985 was found associated with age-related macular degeneration in a Chinese population **2013**, 54, 8199-203		11
64	The protective variant rs7173049 at LOXL1 locus impacts on retinoic acid signaling pathway in pseudoexfoliation syndrome. *Human Molecular Genetics*, **2019**, 28, 2531-2548	5.6	10
63	The Contribution of Genetic Architecture to the 10-Year Incidence of Age-Related Macular Degeneration in the Fellow Eye **2015**, 56, 5353-61		10
62	Impact of measurement error on testing genetic association with quantitative traits. *PLoS ONE*, **2014**, 9, e87044	3.7	10
61	Strategies for identifying the genetic basis of dyslipidemia: genome-wide association studies vs. the resequencing of extremes. *Current Opinion in Lipidology*, **2010**, 21, 123-7	4.4	10
60	Pseudoexfoliation syndrome and glaucoma: from genes to disease mechanisms. *Current Opinion in Ophthalmology*, **2021**, 32, 118-128	5.1	10

59	Trans-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation		10
58	Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. *Communications Biology*, **2019**, 2, 435	6.7	10
57	Utility of genetic and non-genetic risk factors in predicting coronary heart disease in Singaporean Chinese. *European Journal of Preventive Cardiology*, **2017**, 24, 153-160	3.9	9
56	ADP ribosyl-cyclases (CD38/CD157), social skills and friendship. *Psychoneuroendocrinology*, **2017**, 78, 185-192	5	8
55	Linking a genome-wide association study signal to a LRRK2 coding variant in Parkinson's disease. *Movement Disorders*, **2016**, 31, 484-7	7	8
54	An Evaluation of DNA Methyltransferase 1 (DNMT1) Single Nucleotide Polymorphisms and Chemotherapy-Associated Cognitive Impairment: A Prospective, Longitudinal Study. *Scientific Reports*, **2019**, 9, 14570	4.9	8
53	Neonatal genetics of gene expression reveal potential origins of autoimmune and allergic disease risk. *Nature Communications*, **2020**, 11, 3761	17.4	8
52	Gene-diet interaction effects on BMI levels in the Singapore Chinese population. *Nutrition Journal*, **2018**, 17, 31	4.3	7
51	Integration of Genetic and Biometric Risk Factors for Detection of Primary Angle Closure Glaucoma. *American Journal of Ophthalmology*, **2019**, 208, 160-165	4.9	7
50	Combined genotype and haplotype tests for region-based association studies. *BMC Genomics*, **2013**, 14, 569	4.5	7
49	Genome-Wide Meta-Analysis Identifies Three Novel Susceptibility Loci and Reveals Ethnic Heterogeneity of Genetic Susceptibility for IgA Nephropathy. *Journal of the American Society of Nephrology: JASN*, **2020**, 31, 2949-2963	12.7	7
48	Evaluation of Primary Angle-Closure Glaucoma Susceptibility Loci for Estimating Angle Closure Disease Severity. *Ophthalmology*, **2021**, 128, 403-409	7.3	7
47	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
46	A genome-wide association study identified a novel genetic loci STON1-GTF2A1L/LHCGR/FSHR for bilaterality of neovascular age-related macular degeneration. *Scientific Reports*, **2017**, 7, 7173	4.9	6
45	Mapping the genetic diversity of HLA haplotypes in the Japanese populations. *Scientific Reports*, **2015**, 5, 17855	4.9	6
44	Revealing the molecular signatures of host-pathogen interactions. *Genome Biology*, **2011**, 12, 229	18.3	6
43	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. *Kidney International*, **2021**, 99, 926-939	9.9	6
42	Association of Rare CYP39A1 Variants With Exfoliation Syndrome Involving the Anterior Chamber of the Eye. *JAMA - Journal of the American Medical Association*, **2021**, 325, 753-764	27.4	6

41	An intronic FTO variant rs16952570 confers protection against thiopurine-induced myelotoxicities in multiethnic Asian IBD patients. *Pharmacogenomics Journal*, **2020**, 20, 505-515	3.5	5
40	Characteristics of p.Gln368Ter Myocilin Variant and Influence of Polygenic Risk on Glaucoma Penetrance in the UK Biobank. *Ophthalmology*, **2021**, 128, 1300-1311	7.3	5
39	Evaluation of transethnic fine mapping with population-specific and cosmopolitan imputation reference panels in diverse Asian populations. *European Journal of Human Genetics*, **2016**, 24, 592-9	5.3	4
38	Estrogen receptor gene polymorphisms and their influence on clinical status of Caucasian patients with primary open angle glaucoma. *Ophthalmic Genetics*, **2019**, 40, 323-328	1.2	4
37	Genetic Studies of Hypertrophic Cardiomyopathy in Singaporeans Identify Variants in and That Are Common in Chinese Patients. *Circulation Genomic and Precision Medicine*, **2020**, 13, 424-434	5.2	4
36	Whole exome sequencing identifies recessive germline mutations in FAM160A1 in familial NK/T cell lymphoma. *Blood Cancer Journal*, **2018**, 8, 111	7	4
35	Genetic variants of inducible costimulator are associated with allergic asthma susceptibility. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 556-8	11.5	3
34	rs4711751 and rs1999930 are not associated with neovascular age-related macular degeneration or polypoidal choroidal vasculopathy in the Chinese population. *Ophthalmic Research*, **2014**, 52, 102-6	2.9	3
33	Hepatocyte growth factor and retinal arteriolar diameter in Singapore Chinese. *Ophthalmology*, **2010**, 117, 939-45	7.3	3
32	Effect of plasma polyunsaturated fatty acid levels on leukocyte telomere lengths in the Singaporean Chinese population. *Nutrition Journal*, **2020**, 19, 119	4.3	3
31	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. *Communications Biology*, **2020**, 3, 755	6.7	3
30	Variation in predicted COVID-19 risk among lemurs and lorises. *American Journal of Primatology*, **2021**, 83, e23255	2.5	3
29	Complete human CD1a deficiency on Langerhans cells due to a rare point mutation in the coding sequence. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 1709-1712.e11	11.5	3
28	Effects of bonding with parents and home culture on intercultural adaptations and the moderating role of genes. *Behavioural Brain Research*, **2017**, 325, 223-236	3.4	2
27	Lens status influences the association between CFH polymorphisms and age-related macular degeneration: findings from two population-based studies in Singapore. *PLoS ONE*, **2015**, 10, e0119570	3.7	2
26	iCall: a genotype-calling algorithm for rare, low-frequency and common variants on the Illumina exome array. *Bioinformatics*, **2014**, 30, 1714-20	7.2	2
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1	Genetic associations with healthy ageing among Chinese adults **2022**, 8,	