

E Shyong Tai

List of Publications by Citations

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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.

298
papers

20,058
citations

65
h-index

135
g-index

320
ext. papers

26,299
ext. citations

8.7
avg, IF

5.84
L-index

#	Paper	IF	Citations
298	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020 , 581, 434-443	50.4	2278
297	Six new loci associated with blood low-density lipoprotein cholesterol, high-density lipoprotein cholesterol or triglycerides in humans. <i>Nature Genetics</i> , 2008 , 40, 189-97	36.3	1108
296	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014 , 46, 234-44	36.3	784
295	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47	50.4	704
294	SNPs in KCNQ1 are associated with susceptibility to type 2 diabetes in East Asian and European populations. <i>Nature Genetics</i> , 2008 , 40, 1098-102	36.3	555
293	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , 2018 , 50, 524-537	36.3	536
292	Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. <i>Nature Genetics</i> , 2011 , 44, 67-72	36.3	475
291	Meta-analysis of genome-wide association studies identifies common variants associated with blood pressure variation in east Asians. <i>Nature Genetics</i> , 2011 , 43, 531-8	36.3	442
290	Genome-wide association study in individuals of South Asian ancestry identifies six new type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2011 , 43, 984-9	36.3	406
289	Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. <i>PLoS Medicine</i> , 2011 , 8, e1001116	11.6	379
288	Loss-of-function mutations in SLC30A8 protect against type 2 diabetes. <i>Nature Genetics</i> , 2014 , 46, 357-63	36.3	351
287	Rationale and methodology for a population-based study of eye diseases in Malay people: The Singapore Malay eye study (SiMES). <i>Ophthalmic Epidemiology</i> , 2007 , 14, 25-35	1.9	350
286	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017 , 49, 403-415	36.3	313
285	A genome-wide association study of nasopharyngeal carcinoma identifies three new susceptibility loci. <i>Nature Genetics</i> , 2010 , 42, 599-603	36.3	306
284	Meta-analysis identifies common variants associated with body mass index in east Asians. <i>Nature Genetics</i> , 2012 , 44, 307-11	36.3	301
283	Prevalence and risk factors for diabetic retinopathy: the Singapore Malay Eye Study. <i>Ophthalmology</i> , 2008 , 115, 1869-75	7.3	289
282	Methodology of the Singapore Indian Chinese Cohort (SICC) eye study: quantifying ethnic variations in the epidemiology of eye diseases in Asians. <i>Ophthalmic Epidemiology</i> , 2009 , 16, 325-36	1.9	269

281	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , 2015 , 47, 1282-1293	36.3	223
280	A structural variation reference for medical and population genetics. <i>Nature</i> , 2020 , 581, 444-451	50.4	223
279	Common missense variant in the glucokinase regulatory protein gene is associated with increased plasma triglyceride and C-reactive protein but lower fasting glucose concentrations. <i>Diabetes</i> , 2008 , 57, 3112-21	0.9	223
278	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
277	A genome-wide association study in the Japanese population identifies susceptibility loci for type 2 diabetes at UBE2E2 and C2CD4A-C2CD4B. <i>Nature Genetics</i> , 2010 , 42, 864-8	36.3	214
276	Nutrigenetics and nutrigenomics: viewpoints on the current status and applications in nutrition research and practice. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2011 , 4, 69-89		192
275	The rise of chronic non-communicable diseases in southeast Asia: time for action. <i>Lancet, The</i> , 2011 , 377, 680-9	40	182
274	Low copy number of the salivary amylase gene predisposes to obesity. <i>Nature Genetics</i> , 2014 , 46, 492-7	36.3	177
273	Identification of new genetic risk variants for type 2 diabetes. <i>PLoS Genetics</i> , 2010 , 6, e1001127	6	168
272	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015 , 6, 5897	17.4	147
271	Meta-analysis of genome-wide association studies in East Asian-ancestry populations identifies four new loci for body mass index. <i>Human Molecular Genetics</i> , 2014 , 23, 5492-504	5.6	141
270	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. <i>Nature Genetics</i> , 2017 , 49, 1450-1457	36.3	136
269	Personalised nutrition and health. <i>BMJ, The</i> , 2018 , 361, bmj.k2173	5.9	135
268	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019 , 570, 71-76	50.4	129
267	Genome-wide association study identifies a novel locus contributing to type 2 diabetes susceptibility in Sikhs of Punjabi origin from India. <i>Diabetes</i> , 2013 , 62, 1746-55	0.9	129
266	Myopia-related fundus changes in Singapore adults with high myopia. <i>American Journal of Ophthalmology</i> , 2013 , 155, 991-999.e1	4.9	127
265	Collagen-related genes influence the glaucoma risk factor, central corneal thickness. <i>Human Molecular Genetics</i> , 2011 , 20, 649-58	5.6	127
264	A genome-wide association study in Han Chinese identifies new susceptibility loci for ankylosing spondylitis. <i>Nature Genetics</i> , 2011 , 44, 73-7	36.3	123

263	Prevalence and causes of low vision and blindness in an urban Malay population: the Singapore Malay Eye Study. <i>JAMA Ophthalmology</i> , 2008 , 126, 1091-9		123
262	FTO genetic variants, dietary intake and body mass index: insights from 177,330 individuals. <i>Human Molecular Genetics</i> , 2014 , 23, 6961-72	5.6	120
261	Retinal vascular caliber, blood pressure, and cardiovascular risk factors in an Asian population: the Singapore Malay Eye Study. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 1784-90		120
260	New loci and coding variants confer risk for age-related macular degeneration in East Asians. <i>Nature Communications</i> , 2015 , 6, 6063	17.4	118
259	The case for strategic international alliances to harness nutritional genomics for public and personal health. <i>British Journal of Nutrition</i> , 2005 , 94, 623-32	3.6	112
258	Four novel Loci (19q13, 6q24, 12q24, and 5q14) influence the microcirculation in vivo. <i>PLoS Genetics</i> , 2010 , 6, e1001184	6	111
257	Polyunsaturated fatty acids interact with the PPARA-L162V polymorphism to affect plasma triglyceride and apolipoprotein C-III concentrations in the Framingham Heart Study. <i>Journal of Nutrition</i> , 2005 , 135, 397-403	4.1	110
256	Forecasting the burden of type 2 diabetes in Singapore using a demographic epidemiological model of Singapore. <i>BMJ Open Diabetes Research and Care</i> , 2014 , 2, e000012	4.5	103
255	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. <i>Nature Communications</i> , 2016 , 7, 10531	17.4	99
254	Differential effects of the C1431T and Pro12Ala PPARgamma gene variants on plasma lipids and diabetes risk in an Asian population. <i>Journal of Lipid Research</i> , 2004 , 45, 674-85	6.3	94
253	Modification of the NCEP ATP III definitions of the metabolic syndrome for use in Asians identifies individuals at risk of ischemic heart disease. <i>Atherosclerosis</i> , 2006 , 186, 367-73	3.1	93
252	Association between body mass index and chronic kidney disease in men and women: population-based study of Malay adults in Singapore. <i>Nephrology Dialysis Transplantation</i> , 2008 , 23, 1910-8	4.3	87
251	Cost-effectiveness of a National Telemedicine Diabetic Retinopathy Screening Program in Singapore. <i>Ophthalmology</i> , 2016 , 123, 2571-2580	7.3	87
250	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
249	Retinal microvascular caliber and chronic kidney disease in an Asian population. <i>American Journal of Epidemiology</i> , 2009 , 169, 625-32	3.8	82
248	Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. <i>American Journal of Human Genetics</i> , 2014 , 95, 24-38	11	80
247	Insights into the genetic architecture of early stage age-related macular degeneration: a genome-wide association study meta-analysis. <i>PLoS ONE</i> , 2013 , 8, e53830	3.7	79
246	Ethnicity modifies the relationships of insulin resistance, inflammation, and adiponectin with obesity in a multiethnic Asian population. <i>Diabetes Care</i> , 2011 , 34, 1120-6	14.6	76

245	Clinical features and treatment of maturity onset diabetes of the young (MODY). <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2012 , 5, 101-8	3.4	75
244	C-reactive protein, body mass index, and diabetic retinopathy 2010 , 51, 4458-63		74
243	Candidate gene association study for diabetic retinopathy in persons with type 2 diabetes: the Candidate gene Association Resource (CARE) 2011 , 52, 7593-602		73
242	Identification of new susceptibility loci for IgA nephropathy in Han Chinese. <i>Nature Communications</i> , 2015 , 6, 7270	17.4	72
241	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. <i>Human Molecular Genetics</i> , 2015 , 24, 1791-800	5.6	71
240	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. <i>Diabetes</i> , 2018 , 67, 1414-1427	0.9	71
239	Lowering the criterion for impaired fasting glucose: impact on disease prevalence and associated risk of diabetes and ischemic heart disease. <i>Diabetes Care</i> , 2004 , 27, 1728-34	14.6	69
238	Plasma Metabonomic Profiling of Diabetic Retinopathy. <i>Diabetes</i> , 2016 , 65, 1099-108	0.9	68
237	Polymorphisms identified through genome-wide association studies and their associations with type 2 diabetes in Chinese, Malays, and Asian-Indians in Singapore. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 390-7	5.6	68
236	Genetic variation in KCNQ1 associates with fasting glucose and beta-cell function: a study of 3,734 subjects comprising three ethnicities living in Singapore. <i>Diabetes</i> , 2009 , 58, 1445-9	0.9	67
235	Adverse Associations between Visceral Adiposity, Brain Structure, and Cognitive Performance in Healthy Elderly. <i>Frontiers in Aging Neuroscience</i> , 2011 , 3, 12	5.3	66
234	Prevalence of and risk factors for age-related macular degeneration in a multiethnic Asian cohort. <i>JAMA Ophthalmology</i> , 2012 , 130, 480-6		66
233	Risk factors associated with hypertension awareness, treatment, and control in a multi-ethnic Asian population. <i>Journal of Hypertension</i> , 2009 , 27, 190-7	1.9	62
232	Perilipin gene variation determines higher susceptibility to insulin resistance in Asian women when consuming a high-saturated fat, low-carbohydrate diet. <i>Diabetes Care</i> , 2006 , 29, 1313-9	14.6	61
231	Genome-wide association study meta-analysis reveals transethnic replication of mean arterial and pulse pressure loci. <i>Hypertension</i> , 2013 , 62, 853-9	8.5	60
230	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
229	Is there a clear threshold for fasting plasma glucose that differentiates between those with and without neuropathy and chronic kidney disease?: the Singapore Prospective Study Program. <i>American Journal of Epidemiology</i> , 2009 , 169, 1454-62	3.8	59
228	Metabolic syndrome components and age-related cataract: the Singapore Malay eye study 2011 , 52, 2397-404		59

227	Obesity and the microvasculature: a systematic review and meta-analysis. <i>PLoS ONE</i> , 2013 , 8, e52708	3.7	57
226	Retinal arteriolar narrowing increases the likelihood of chronic kidney disease in hypertension. <i>Journal of Hypertension</i> , 2009 , 27, 2209-17	1.9	57
225	Dietary fat interacts with the -514C>T polymorphism in the hepatic lipase gene promoter on plasma lipid profiles in a multiethnic Asian population: the 1998 Singapore National Health Survey. <i>Journal of Nutrition</i> , 2003 , 133, 3399-408	4.1	57
224	Transcript expression-aware annotation improves rare variant interpretation. <i>Nature</i> , 2020 , 581, 452-458	5.4	55
223	Evaluating drug targets through human loss-of-function genetic variation. <i>Nature</i> , 2020 , 581, 459-464	5.4	53
222	A meta-analysis of genome-wide association studies for adiponectin levels in East Asians identifies a novel locus near WDR11-FGFR2. <i>Human Molecular Genetics</i> , 2014 , 23, 1108-19	5.6	53
221	Structural changes in the retinal microvasculature and renal function 2013 , 54, 2970-6		53
220	Impact of diabetic retinopathy on vision-specific function. <i>Ophthalmology</i> , 2010 , 117, 757-65	7.3	53
219	Relationship of smoking and cardiovascular risk factors with polypoidal choroidal vasculopathy and age-related macular degeneration in Chinese persons. <i>Ophthalmology</i> , 2011 , 118, 846-52	7.3	52
218	Intragenic linkage disequilibrium structure of the human perilipin gene (PLIN) and haplotype association with increased obesity risk in a multiethnic Asian population. <i>Journal of Molecular Medicine</i> , 2005 , 83, 448-56	5.5	52
217	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. <i>Cell</i> , 2019 , 179, 736-749.e15	56.2	51
216	Macro-thyrotropin: a case report and review of literature. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 1823-8	5.6	51
215	Coffee and tea consumption in relation to inflammation and basal glucose metabolism in a multi-ethnic Asian population: a cross-sectional study. <i>Nutrition Journal</i> , 2011 , 10, 61	4.3	50
214	Ethnic disparities in prevalence and impact of risk factors of chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 2564-70	4.3	50
213	Automated segmentation of visceral and subcutaneous (deep and superficial) adipose tissues in normal and overweight men. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 924-34	5.6	49
212	Genome-wide association study identifies ZFH1B as a susceptibility locus for severe myopia. <i>Human Molecular Genetics</i> , 2013 , 22, 5288-94	5.6	49
211	Large-scale lipidomics identifies associations between plasma sphingolipids and T2DM incidence. <i>JCI Insight</i> , 2019 , 5,	9.9	49
210	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. <i>Scientific Reports</i> , 2016 , 6, 17958	4.9	48

209	Differential association of retinal arteriolar and venular caliber with diabetes and retinopathy. <i>Diabetes Research and Clinical Practice</i> , 2011 , 94, 291-8	7.4	46
208	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
207	Fractal analysis of the retinal vasculature and chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 2252-8	4.3	45
206	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
205	Chronic kidney disease, cardiovascular disease and mortality: A prospective cohort study in a multi-ethnic Asian population. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 1018-26	3.9	43
204	Genome-wide association meta-analysis identifies novel variants associated with fasting plasma glucose in East Asians. <i>Diabetes</i> , 2015 , 64, 291-8	0.9	43
203	Retinal vascular caliber and diabetes in a multiethnic Asian population. <i>Microcirculation</i> , 2009 , 16, 534-43	3.9	43
202	Associations of diabetes mellitus and ethnicity with mortality in a multiethnic Asian population: data from the 1992 Singapore National Health Survey. <i>American Journal of Epidemiology</i> , 2003 , 158, 543-52	3.8	42
201	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41
200	A deep learning algorithm to detect chronic kidney disease from retinal photographs in community-based populations. <i>The Lancet Digital Health</i> , 2020 , 2, e295-e302	14.4	41
199	Polymorphisms at newly identified lipid-associated loci are associated with blood lipids and cardiovascular disease in an Asian Malay population. <i>Journal of Lipid Research</i> , 2009 , 50, 514-520	6.3	41
198	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
197	An Ethics Framework for Big Data in Health and Research. <i>Asian Bioethics Review</i> , 2019 , 11, 227-254	3.4	39
196	The L162V polymorphism at the peroxisome proliferator activated receptor alpha locus modulates the risk of cardiovascular events associated with insulin resistance and diabetes mellitus: the Veterans Affairs HDL Intervention Trial (VA-HIT). <i>Atherosclerosis</i> , 2006 , 187, 153-60	3.1	39
195	Television screen time, but not computer use and reading time, is associated with cardio-metabolic biomarkers in a multiethnic Asian population: a cross-sectional study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013 , 10, 70	8.4	38
194	Validity of the International Physical Activity Questionnaire and the Singapore Prospective Study Program physical activity questionnaire in a multiethnic urban Asian population. <i>BMC Medical Research Methodology</i> , 2011 , 11, 141	4.7	38
193	Patterns of physical activity in different domains and implications for intervention in a multi-ethnic Asian population: a cross-sectional study. <i>BMC Public Health</i> , 2010 , 10, 644	4.1	38
192	Rice and noodle consumption is associated with insulin resistance and hyperglycaemia in an Asian population. <i>British Journal of Nutrition</i> , 2014 , 111, 1118-28	3.6	37

191	Determinants of Health-Related Quality of Life (HRQoL) in the Multiethnic Singapore Population - A National Cohort Study. <i>PLoS ONE</i> , 2013 , 8, e67138	3.7	37
190	Uncoupling protein 2 promoter polymorphism -866G/A, central adiposity, and metabolic syndrome in Asians. <i>Obesity</i> , 2006 , 14, 656-61	8	37
189	Profiling of Plasma Metabolites Suggests Altered Mitochondrial Fuel Usage and Remodeling of Sphingolipid Metabolism in Individuals With Type2 Diabetes and Kidney Disease. <i>Kidney International Reports</i> , 2017 , 2, 470-480	4.1	36
188	Metabolic syndrome and risk of age-related macular degeneration. <i>Retina</i> , 2015 , 35, 459-66	3.6	36
187	Genetic variation in CDH13 is associated with lower plasma adiponectin levels but greater adiponectin sensitivity in East Asian populations. <i>Diabetes</i> , 2013 , 62, 4277-83	0.9	36
186	Why study gene-environment interactions?. <i>Current Opinion in Lipidology</i> , 2008 , 19, 158-67	4.4	36
185	The V227A polymorphism at the PPARA locus is associated with serum lipid concentrations and modulates the association between dietary polyunsaturated fatty acid intake and serum high density lipoprotein concentrations in Chinese women. <i>Atherosclerosis</i> , 2006 , 187, 309-15	3.1	36
184	The babel of the ABCs: novel transporters involved in the regulation of sterol absorption and excretion. <i>Nutrition Reviews</i> , 2002 , 60, 30-3	6.4	36
183	A genome-wide association study of n-3 and n-6 plasma fatty acids in a Singaporean Chinese population. <i>Genes and Nutrition</i> , 2015 , 10, 53	4.3	35
182	Cohort Profile: The Singapore Multi-Ethnic Cohort (MEC) study. <i>International Journal of Epidemiology</i> , 2018 , 47, 699-699j	7.8	34
181	SGBS cells as a model of human adipocyte browning: A comprehensive comparative study with primary human white subcutaneous adipocytes. <i>Scientific Reports</i> , 2017 , 7, 4031	4.9	34
180	Early retinal arteriolar changes and peripheral neuropathy in diabetes. <i>Diabetes Care</i> , 2012 , 35, 1098-104	4.6	34
179	Racial differences in the prevalence of diabetes but not diabetic retinopathy in a multi-ethnic Asian population 2011 , 52, 7586-92		34
178	Increased Burden of Vision Impairment and Eye Diseases in Persons with Chronic Kidney Disease - A Population-Based Study. <i>EBioMedicine</i> , 2016 , 5, 193-7	8.8	31
177	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
176	Dynamic responses in retinal vessel caliber with flicker light stimulation in eyes with diabetic retinopathy 2014 , 55, 5207-13		31
175	Relationships between cholesterol efflux and high-density lipoprotein particles in patients with type 2 diabetes mellitus. <i>Journal of Clinical Lipidology</i> , 2011 , 5, 467-73	4.9	31
174	Clinical significance of apolipoprotein A5. <i>Current Opinion in Lipidology</i> , 2008 , 19, 349-54	4.4	31

173	The role of perilipin in human obesity and insulin resistance. <i>Current Opinion in Lipidology</i> , 2007 , 18, 152-64	4.4	31
172	Elevated serum leptin, adiponectin and leptin to adiponectin ratio is associated with chronic kidney disease in Asian adults. <i>PLoS ONE</i> , 2015 , 10, e0122009	3.7	31
171	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
170	Body fat partitioning does not explain the interethnic variation in insulin sensitivity among Asian ethnicity: the Singapore adults metabolism study. <i>Diabetes</i> , 2014 , 63, 1093-102	0.9	30
169	Cholesterol-raising diterpenes in types of coffee commonly consumed in Singapore, Indonesia and India and associations with blood lipids: a survey and cross sectional study. <i>Nutrition Journal</i> , 2011 , 10, 48	4.3	30
168	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017 , 66, 2019-2032	0.9	29
167	Retinal Vascular Imaging Markers and Incident Chronic Kidney Disease: A Prospective Cohort Study. <i>Scientific Reports</i> , 2017 , 7, 9374	4.9	29
166	Diagnosis of diabetes mellitus using HbA1c in Asians: relationship between HbA1c and retinopathy in a multiethnic Asian population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 689-96	5.6	29
165	Distribution of ankle-brachial index and the risk factors of peripheral artery disease in a multi-ethnic Asian population. <i>Vascular Medicine</i> , 2011 , 16, 87-95	3.3	28
164	A high carbohydrate, but not fat or protein meal attenuates postprandial ghrelin, PYY and GLP-1 responses in Chinese men. <i>PLoS ONE</i> , 2018 , 13, e0191609	3.7	27
163	Associations of genetic variants in/near body mass index-associated genes with type 2 diabetes: a systematic meta-analysis. <i>Clinical Endocrinology</i> , 2014 , 81, 702-10	3.4	27
162	C-reactive protein and retinal microvascular caliber in a multiethnic asian population. <i>American Journal of Epidemiology</i> , 2010 , 171, 206-13	3.8	27
161	Longitudinal trends in HbA1c and associations with comorbidity and all-cause mortality in Asian patients with type 2 diabetes: A cohort study. <i>Diabetes Research and Clinical Practice</i> , 2017 , 133, 69-77	7.4	26
160	The Singapore impaired glucose tolerance follow-up study: does the ticking clock go backward as well as forward?. <i>Diabetes Care</i> , 2003 , 26, 3024-30	14.6	26
159	Factors associated with psychological distress, behavioral impact and health-related quality of life among patients with type 2 diabetes mellitus. <i>Journal of Diabetes and Its Complications</i> , 2015 , 29, 378-83 ^{3.2}	3.2	25
158	Effect of blood pressure on the retinal vasculature in a multi-ethnic Asian population. <i>Hypertension Research</i> , 2009 , 32, 975-82	4.7	25
157	A natural polymorphism in peroxisome proliferator-activated receptor-alpha hinge region attenuates transcription due to defective release of nuclear receptor corepressor from chromatin. <i>Molecular Endocrinology</i> , 2008 , 22, 1078-92		25
156	The impact of central obesity as a prerequisite for the diagnosis of metabolic syndrome. <i>Obesity</i> , 2007 , 15, 262-9	8	25

155	The metabolic syndrome in Chinese, Malays and Asian Indians. Factor analysis of data from the 1998 Singapore National Health Survey. <i>Diabetes Research and Clinical Practice</i> , 2005 , 67, 53-62	7.4	25
154	Prevalence and risk factors for peripheral artery disease in an Asian population with diabetes mellitus. <i>Diabetes and Vascular Disease Research</i> , 2009 , 6, 80-6	3.3	24
153	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
152	Retinal microvascular abnormalities and risk of renal failure in Asian populations. <i>PLoS ONE</i> , 2015 , 10, e0118076	3.7	23
151	Prevalence of diabetes mellitus, glycemic control, and associated factors in a Malay population in Singapore. <i>Asia-Pacific Journal of Public Health</i> , 2009 , 21, 385-98	2	23
150	The association between socioeconomic status and overweight/obesity in a Malay population in Singapore. <i>Asia-Pacific Journal of Public Health</i> , 2009 , 21, 487-96	2	23
149	Genetic variation in the peroxisome proliferator-activated receptor (PPAR) and peroxisome proliferator-activated receptor gamma co-activator 1 (PGC1) gene families and type 2 diabetes. <i>Annals of Human Genetics</i> , 2014 , 78, 23-32	2.2	22
148	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179	8.2	22
147	Screening for diabetes with HbA1c: Test performance of HbA1c compared to fasting plasma glucose among Chinese, Malay and Indian community residents in Singapore. <i>Scientific Reports</i> , 2018 , 8, 12419	4.9	21
146	Psychometric Properties of the Problem Areas in Diabetes (PAID) Instrument in Singapore. <i>PLoS ONE</i> , 2015 , 10, e0136759	3.7	21
145	Recalibration of the Global Registry of Acute Coronary Events risk score in a multiethnic Asian population. <i>American Heart Journal</i> , 2011 , 162, 291-9	4.9	21
144	C-reactive protein and age-related macular degeneration and cataract: the singapore malay eye study 2010 , 51, 1880-5		21
143	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. <i>Human Genetics</i> , 2015 , 134, 131-46	6.3	20
142	Transancestral fine-mapping of four type 2 diabetes susceptibility loci highlights potential causal regulatory mechanisms. <i>Human Molecular Genetics</i> , 2016 , 25, 2070-2081	5.6	20
141	Trends in the incidence and mortality of coronary heart disease in asian pacific region: the Singapore experience. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014 , 21 Suppl 1, S2-8	4	20
140	The CKD-EPI equation and MDRD study equation find similar prevalence of chronic kidney disease in Asian populations. <i>Annals of Internal Medicine</i> , 2009 , 151, 892-3; author reply 893	8	20
139	Genes, diet and serum lipid concentrations: lessons from ethnically diverse populations and their relevance to coronary heart disease in Asia. <i>Current Opinion in Lipidology</i> , 2004 , 15, 5-12	4.4	20
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