

E Shyong Tai

List of Publications by Year in descending order

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308
papers

31,171
citations

10979

71
h-index

6294

158
g-index

320
all docs

320
docs citations

320
times ranked

45076
citing authors

#	ARTICLE	IF	CITATIONS
1	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020, 581, 434-443.	13.7	6,140
2	Six new loci associated with blood low-density lipoprotein cholesterol, high-density lipoprotein cholesterol or triglycerides in humans. <i>Nature Genetics</i> , 2008, 40, 189-197.	9.4	1,286
3	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.	9.4	1,124
4	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014, 46, 234-244.	9.4	959
5	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	13.7	952
6	SNPs in <i>KCNQ1</i> are associated with susceptibility to type 2 diabetes in East Asian and European populations. <i>Nature Genetics</i> , 2008, 40, 1098-1102.	9.4	641
7	A structural variation reference for medical and population genetics. <i>Nature</i> , 2020, 581, 444-451.	13.7	614
8	Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. <i>Nature Genetics</i> , 2012, 44, 67-72.	9.4	545
9	Meta-analysis of genome-wide association studies identifies common variants associated with blood pressure variation in east Asians. <i>Nature Genetics</i> , 2011, 43, 531-538.	9.4	516
10	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017, 49, 403-415.	9.4	492
11	Genome-wide association study in individuals of South Asian ancestry identifies six new type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2011, 43, 984-989.	9.4	481
12	Physical Activity Attenuates the Influence of <i>FTO</i> Variants on Obesity Risk: A Meta-Analysis of 218,166 Adults and 19,268 Children. <i>PLoS Medicine</i> , 2011, 8, e1001116.	3.9	446
13	Loss-of-function mutations in <i>SLC30A8</i> protect against type 2 diabetes. <i>Nature Genetics</i> , 2014, 46, 357-363.	9.4	428
14	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.	0.8	409
15	A genome-wide association study of nasopharyngeal carcinoma identifies three new susceptibility loci. <i>Nature Genetics</i> , 2010, 42, 599-603.	9.4	374
16	Meta-analysis identifies common variants associated with body mass index in east Asians. <i>Nature Genetics</i> , 2012, 44, 307-311.	9.4	372
17	Prevalence and Risk Factors for Diabetic Retinopathy. <i>Ophthalmology</i> , 2008, 115, 1869-1875.	2.5	354
18	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	13.7	353

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19	The trans-ancestral genomic architecture of glyceimic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
20	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, 325-336.	0.8	309
21	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.	9.4	294
22	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. <i>Nature Genetics</i> , 2013, 45, 155-163.	9.4	269
23	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, 3112-3121.	0.3	264
24	Personalised nutrition and health. <i>BMJ: British Medical Journal</i> , 2018, 361, bmj.k2173.	2.4	256
25	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019, 570, 71-76.	13.7	248
26	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, 864-868.	9.4	245
27	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.	1.8	240
28	The rise of chronic non-communicable diseases in southeast Asia: time for action. <i>Lancet, The</i> , 2011, 377, 680-689.	6.3	220
29	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.	9.4	218
30	Low copy number of the salivary amylase gene predisposes to obesity. <i>Nature Genetics</i> , 2014, 46, 492-497.	9.4	214
31	Identification of New Genetic Risk Variants for Type 2 Diabetes. <i>PLoS Genetics</i> , 2010, 6, e1001127.	1.5	193
32	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, 5492-5504.	1.4	192
33	Myopia-Related Fundus Changes in Singapore Adults With High Myopia. <i>American Journal of Ophthalmology</i> , 2013, 155, 991-999.e1.	1.7	174
34	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015, 6, 5897.	5.8	173
35	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, 1746-1755.	0.3	167
36	Cost-effectiveness of a National Telemedicine Diabetic Retinopathy Screening Program in Singapore. <i>Ophthalmology</i> , 2016, 123, 2571-2580.	2.5	153

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37	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. <i>Nature Communications</i> , 2016, 7, 10531.	5.8	149
38	New loci and coding variants confer risk for age-related macular degeneration in East Asians. <i>Nature Communications</i> , 2015, 6, 6063.	5.8	147
39	FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. <i>Human Molecular Genetics</i> , 2014, 23, 6961-6972.	1.4	143
40	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.	1.2	142
41	Transcript expression-aware annotation improves rare variant interpretation. <i>Nature</i> , 2020, 581, 452-458.	13.7	142
42	Collagen-related genes influence the glaucoma risk factor, central corneal thickness. <i>Human Molecular Genetics</i> , 2011, 20, 649-658.	1.4	140
43	A genome-wide association study in Han Chinese identifies new susceptibility loci for ankylosing spondylitis. <i>Nature Genetics</i> , 2012, 44, 73-77.	9.4	140
44	The case for strategic international alliances to harness nutritional genomics for public and personal health. <i>British Journal of Nutrition</i> , 2005, 94, 623-632.	1.2	137
45	Prevalence and Causes of Low Vision and Blindness in an Urban Malay Population. <i>JAMA Ophthalmology</i> , 2008, 126, 1091.	2.6	136
46	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. <i>Diabetes</i> , 2018, 67, 1414-1427.	0.3	136
47	Four Novel Loci (19q13, 6q24, 12q24, and 5q14) Influence the Microcirculation In Vivo. <i>PLoS Genetics</i> , 2010, 6, e1001184.	1.5	134
48	Retinal Vascular Caliber, Blood Pressure, and Cardiovascular Risk Factors in an Asian Population: The Singapore Malay Eye Study. , 2008, 49, 1784.		131
49	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.	5.9	130
50	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.	9.4	129
51	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. <i>Cell</i> , 2019, 179, 736-749.e15.	13.5	126
52	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.	1.3	123
53	Evaluating drug targets through human loss-of-function genetic variation. <i>Nature</i> , 2020, 581, 459-464.	13.7	115
54	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, 367-373.	0.4	113

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55	Plasma Metabonomic Profiling of Diabetic Retinopathy. <i>Diabetes</i> , 2016, 65, 1099-1108.	0.3	113
56	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.	9.4	112
57	Differential effects of the C1431T and Pro12Ala PPAR β gene variants on plasma lipids and diabetes risk in an Asian population. <i>Journal of Lipid Research</i> , 2004, 45, 674-685.	2.0	110
58	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.	2.6	109
59	Identification of new susceptibility loci for IgA nephropathy in Han Chinese. <i>Nature Communications</i> , 2015, 6, 7270.	5.8	109
60	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.	1.1	108
61	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. <i>Human Molecular Genetics</i> , 2015, 24, 1791-1800.	1.4	105
62	Ethnicity Modifies the Relationships of Insulin Resistance, Inflammation, and Adiponectin With Obesity in a Multiethnic Asian Population. <i>Diabetes Care</i> , 2011, 34, 1120-1126.	4.3	104
63	C-reactive Protein, Body Mass Index, and Diabetic Retinopathy. , 2010, 51, 4458.		101
64	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.	1.1	99
65	Retinal Microvascular Caliber and Chronic Kidney Disease in an Asian Population. <i>American Journal of Epidemiology</i> , 2008, 169, 625-632.	1.6	98
66	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, 1910-1918.	0.4	97
67	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.	1.1	94
68	Large-scale lipidomics identifies associations between plasma sphingolipids and T2DM incidence. <i>JCI Insight</i> , 2019, 4, .	2.3	92
69	Adverse Associations between Visceral Adiposity, Brain Structure, and Cognitive Performance in Healthy Elderly. <i>Frontiers in Aging Neuroscience</i> , 2011, 3, 12.	1.7	86
70	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	1.6	85
71	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, 1728-1734.	4.3	84
72	Candidate Gene Association Study for Diabetic Retinopathy in Persons with Type 2 Diabetes: The Candidate Gene Association Resource (CARE). , 2011, 52, 7593.		82

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73	Risk factors associated with hypertension awareness, treatment, and control in a multi-ethnic Asian population. <i>Journal of Hypertension</i> , 2009, 27, 190-197.	0.3	81
74	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, 390-397.	1.8	77
75	Obesity and the Microvasculature: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e52708.	1.1	77
76	Genetic Variation in <i>KCNQ1</i> Associates With Fasting Glucose and β -Cell Function. <i>Diabetes</i> , 2009, 58, 1445-1449.	0.3	75
77	Prevalence of and Risk Factors for Age-Related Macular Degeneration in a Multiethnic Asian Cohort. <i>JAMA Ophthalmology</i> , 2012, 130, 480.	2.6	75
78	An Ethics Framework for Big Data in Health and Research. <i>Asian Bioethics Review</i> , 2019, 11, 227-254.	0.9	74
79	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, 1313-1319.	4.3	73
80	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.	0.9	73
81	Metabolic Syndrome Components and Age-Related Cataract: The Singapore Malay Eye Study. , 2011, 52, 2397.		72
82	Retinal arteriolar narrowing increases the likelihood of chronic kidney disease in hypertension. <i>Journal of Hypertension</i> , 2009, 27, 2209-2217.	0.3	71
83	Ethnic disparities in prevalence and impact of risk factors of chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 2564-2570.	0.4	71
84	Macro-Thyrotropin: A Case Report and Review of Literature. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 1823-1828.	1.8	71
85	Dietary Fat Interacts with the ϵ 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, 3399-3408.	1.3	70
86	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, 1108-1119.	1.4	68
87	Profiling of Plasma Metabolites Suggests Altered Mitochondrial Fuel Usage and Remodeling of Sphingolipid Metabolism in Individuals With Type 2 Diabetes and Kidney Disease. <i>Kidney International Reports</i> , 2017, 2, 470-480.	0.4	68
88	Structural Changes in the Retinal Microvasculature and Renal Function. , 2013, 54, 2970.		67
89	Cohort Profile: The Singapore Multi-Ethnic Cohort (MEC) study. <i>International Journal of Epidemiology</i> , 2018, 47, 699-699j.	0.9	67
90	Impact of Diabetic Retinopathy on Vision-Specific Function. <i>Ophthalmology</i> , 2010, 117, 757-765.	2.5	66

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91	Relationship of Smoking and Cardiovascular Risk Factors with Polypoidal Choroidal Vasculopathy and Age-related Macular Degeneration in Chinese Persons. <i>Ophthalmology</i> , 2011, 118, 846-852.	2.5	65
92	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	5.8	64
93	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.	2.8	64
94	Genome-Wide Association Study Meta-Analysis Reveals Transethnic Replication of Mean Arterial and Pulse Pressure Loci. <i>Hypertension</i> , 2013, 62, 853-859.	1.3	63
95	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, 448-456.	1.7	62
96	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, 1454-1462.	1.6	61
97	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.	1.5	61
98	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, 924-934.	1.9	61
99	Genome-wide association study identifies ZFHX1B as a susceptibility locus for severe myopia. <i>Human Molecular Genetics</i> , 2013, 22, 5288-5294.	1.4	59
100	Genome-Wide Association Meta-analysis Identifies Novel Variants Associated With Fasting Plasma Glucose in East Asians. <i>Diabetes</i> , 2015, 64, 291-298.	0.3	59
101	A Randomized Controlled Trial to Evaluate the Effects of a Smartphone Application-Based Lifestyle Coaching Program on Gestational Weight Gain, Glycemic Control, and Maternal and Neonatal Outcomes in Women With Gestational Diabetes Mellitus: The SMART-GDM Study. <i>Diabetes Care</i> , 2021, 44, 456-463.	4.3	59
102	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. <i>Scientific Reports</i> , 2016, 6, 17958.	1.6	58
103	A polygenic risk score improves risk stratification of coronary artery disease: a large-scale prospective Chinese cohort study. <i>European Heart Journal</i> , 2022, 43, 1702-1711.	1.0	58
104	Fractal analysis of the retinal vasculature and chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 2252-2258.	0.4	57
105	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, 1018-1026.	0.8	56
106	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.	2.0	53
107	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.	1.2	53
108	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, 543-552.	1.6	52

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109	Validity of the international physical activity questionnaire and the Singapore prospective study program physical activity questionnaire in a multiethnic urban Asian population. BMC Medical Research Methodology, 2011, 11, 141.	1.4	52
110	Differential association of retinal arteriolar and venular caliber with diabetes and retinopathy. Diabetes Research and Clinical Practice, 2011, 94, 291-298.	1.1	51
111	Rice and noodle consumption is associated with insulin resistance and hyperglycaemia in an Asian population. British Journal of Nutrition, 2014, 111, 1118-1128.	1.2	51
112	Longitudinal trends in HbA1c and associations with comorbidity and all-cause mortality in Asian patients with type 2 diabetes: A cohort study. Diabetes Research and Clinical Practice, 2017, 133, 69-77.	1.1	49
113	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. Nature Communications, 2021, 12, 3505.	5.8	49
114	Retinal Vascular Caliber and Diabetes in a Multiethnic Asian Population. Microcirculation, 2009, 16, 534-543.	1.0	48
115	Genetic Variation in <i>CDH13</i> Is Associated With Lower Plasma Adiponectin Levels but Greater Adiponectin Sensitivity in East Asian Populations. Diabetes, 2013, 62, 4277-4283.	0.3	48
116	Elevated Serum Leptin, Adiponectin and Leptin to Adiponectin Ratio Is Associated with Chronic Kidney Disease in Asian Adults. PLoS ONE, 2015, 10, e0122009.	1.1	48
117	Patterns of physical activity in different domains and implications for intervention in a multi-ethnic Asian population: a cross-sectional study. BMC Public Health, 2010, 10, 644.	1.2	47
118	Racial Differences in the Prevalence of Diabetes but Not Diabetic Retinopathy in a Multi-ethnic Asian Population. , 2011, 52, 7586.		47
119	METABOLIC SYNDROME AND RISK OF AGE-RELATED MACULAR DEGENERATION. Retina, 2015, 35, 459-466.	1.0	47
120	A Low-Frequency Inactivating <i>AKT2</i> Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. Diabetes, 2017, 66, 2019-2032.	0.3	47
121	SCBS cells as a model of human adipocyte browning: A comprehensive comparative study with primary human white subcutaneous adipocytes. Scientific Reports, 2017, 7, 4031.	1.6	47
122	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. International Journal of Behavioral Nutrition and Physical Activity, 2013, 10, 70.	2.0	46
123	Increased Burden of Vision Impairment and Eye Diseases in Persons with Chronic Kidney Disease – A Population-Based Study. EBioMedicine, 2016, 5, 193-197.	2.7	46
124	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). Atherosclerosis, 2006, 187, 153-160.	0.4	44
125	Retinal Vascular Imaging Markers and Incident Chronic Kidney Disease: A Prospective Cohort Study. Scientific Reports, 2017, 7, 9374.	1.6	44
126	Early Retinal Arteriolar Changes and Peripheral Neuropathy in Diabetes. Diabetes Care, 2012, 35, 1098-1104.	4.3	43

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127	Determinants of Health-Related Quality of Life (HRQoL) in the Multiethnic Singapore Population – A National Cohort Study. <i>PLoS ONE</i> , 2013, 8, e67138.	1.1	43
128	The Babel of the Abcs: Novel Transporters Involved in the Regulation of Sterol Absorption and Excretion. <i>Nutrition Reviews</i> , 2002, 60, 30-33.	2.6	41
129	Uncoupling Protein 2 Promoter Polymorphism –866G/A, Central Adiposity, and Metabolic Syndrome in Asians. <i>Obesity</i> , 2006, 14, 656-661.	1.5	41
130	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, 1093-1102.	0.3	41
131	A Healthy Asian A Posteriori Dietary Pattern Correlates with A Priori Dietary Patterns and Is Associated with Cardiovascular Disease Risk Factors in a Multiethnic Asian Population. <i>Journal of Nutrition</i> , 2018, 148, 616-623.	1.3	40
132	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, 309-315.	0.4	39
133	The role of perilipin in human obesity and insulin resistance. <i>Current Opinion in Lipidology</i> , 2007, 18, 152-156.	1.2	39
134	Why study gene–environment interactions?. <i>Current Opinion in Lipidology</i> , 2008, 19, 158-167.	1.2	39
135	Prevalence and risk factors for peripheral artery disease in an Asian population with diabetes mellitus. <i>Diabetes and Vascular Disease Research</i> , 2009, 6, 80-86.	0.9	38
136	Dynamic Responses in Retinal Vessel Caliber With Flicker Light Stimulation in Eyes With Diabetic Retinopathy. , 2014, 55, 5207.		38
137	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, 378-383.	1.2	38
138	The Singapore Impaired Glucose Tolerance Follow-Up Study: Does the ticking clock go backward as well as forward?. <i>Diabetes Care</i> , 2003, 26, 3024-3030.	4.3	37
139	Clinical significance of apolipoprotein A5. <i>Current Opinion in Lipidology</i> , 2008, 19, 349-354.	1.2	37
140	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.	0.8	37
141	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.	1.6	37
142	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.	1.1	37
143	Decreased GLUT2 and glucose uptake contribute to insulin secretion defects in MODY3/HNF1A hiPSC-derived mutant β^2 cells. <i>Nature Communications</i> , 2021, 12, 3133.	5.8	36
144	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, 702-710.	1.2	35

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145	Neutrophil-to-Lymphocyte Ratio Predicts Development of Immune-Related Adverse Events and Outcomes from Immune Checkpoint Blockade: A Case-Control Study. <i>Cancers</i> , 2021, 13, 1308.	1.7	35
146	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.	1.5	34
147	Retinal Microvascular Abnormalities and Risk of Renal Failure in Asian Populations. <i>PLoS ONE</i> , 2015, 10, e0118076.	1.1	33
148	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, 689-696.	1.8	33
149	Short-term strength and balance training does not improve quality of life but improves functional status in individuals with diabetic peripheral neuropathy: a randomised controlled trial. <i>Diabetologia</i> , 2019, 62, 2200-2210.	2.9	33
150	Mendelian Randomization Analysis of Hemoglobin A1c as a Risk Factor for Coronary Artery Disease. <i>Diabetes Care</i> , 2019, 42, 1202-1208.	4.3	33
151	Effect of blood pressure on the retinal vasculature in a multi-ethnic Asian population. <i>Hypertension Research</i> , 2009, 32, 975-982.	1.5	32
152	C-Reactive Protein and Retinal Microvascular Caliber in a Multiethnic Asian Population. <i>American Journal of Epidemiology</i> , 2010, 171, 206-213.	1.6	32
153	Relationships between cholesterol efflux and high-density lipoprotein particles in patients with type 2 diabetes mellitus. <i>Journal of Clinical Lipidology</i> , 2011, 5, 467-473.	0.6	32
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307	An Infertile Patient with Abnormal Thyroid-Stimulating Hormone. <i>Clinical Chemistry</i> , 2016, 62, 1312-1315.	1.5	0
308	Comparing conventional and high sensitivity troponin T measurements in identifying adverse cardiac events in patients admitted to an Asian emergency department chest pain observation unit. <i>IJC Heart and Vasculature</i> , 2021, 34, 100758.	0.6	0