

E Shyong Tai

List of Publications by Year in Descending Order

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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	A polygenic risk score improves risk stratification of coronary artery disease: a large-scale prospective Chinese cohort study.. <i>European Heart Journal</i> , 2022 ,	9.5	3
297	Cordyceps inhibits ceramide biosynthesis and improves insulin resistance and hepatic steatosis.. <i>Scientific Reports</i> , 2022 , 12, 7273	4.9	0
296	Multidisciplinary Effort to Drive Precision-Medicine for the Future.. <i>Frontiers in Digital Health</i> , 2022 , 4, 845405	2.3	0
295	Clinical Presentation of Immune-Related Endocrine Adverse Events during Immune Checkpoint Inhibitor Treatment. <i>Cancers</i> , 2022 , 14, 2687	6.6	1
294	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125	15.1	3
293	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
292	Shared signaling pathways in Alzheimer® and metabolic disease may point to new treatment approaches. <i>FEBS Journal</i> , 2021 , 288, 3855-3873	5.7	9
291	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,	6.6	4
290	A Smartphone App to Restore Optimal Weight (SPAROW) in Women With Recent Gestational Diabetes Mellitus: Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , 2021 , 9, e22147	5.5	0
289	Diabetes-related lower extremity complications in a multi-ethnic Asian population: a 10-year observational study in Singapore. <i>Diabetologia</i> , 2021 , 64, 1538-1549	10.3	1
288	Plasma Metabolome and Lipidome Associations with Type 2 Diabetes and Diabetic Nephropathy. <i>Metabolites</i> , 2021 , 11,	5.6	3
287	Decreased GLUT2 and glucose uptake contribute to insulin secretion defects in MODY3/HNF1A hiPSC-derived mutant β cells. <i>Nature Communications</i> , 2021 , 12, 3133	17.4	8
286	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
285	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. <i>Nature Communications</i> , 2021 , 12, 3505	17.4	5
284	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	2.4	
283	Women® Usage Behavior and Perceived Usefulness with Using a Mobile Health Application for Gestational Diabetes Mellitus: Mixed-Methods Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
282	Making novel staple foods the norm: perspectives from adult consumers with and without diabetes. <i>Appetite</i> , 2021 , 162, 105189	4.5	1

281	Using off-target data from whole-exome sequencing to improve genotyping accuracy, association analysis and polygenic risk prediction. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	3
280	Prevalence, risk factors and impact of posterior staphyloma diagnosed from wide-field optical coherence tomography in Singapore adults with high myopia. <i>Acta Ophthalmologica</i> , 2021 , 99, e144-e153	3.7	8
279	High recovery, point-of-collection plasma separation from blood using electrospun polyacrylonitrile membranes. <i>AICHE Journal</i> , 2021 , 67, e17088	3.6	0
278	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	14.6	19
277	A systematic review and participant-level meta-analysis found little association of retinal microvascular caliber with reduced kidney function. <i>Kidney International</i> , 2021 , 99, 696-706	9.9	2
276	Branched-Chain Amino Acid Supplementation Does Not Preserve Lean Mass or Affect Metabolic Profile in Adults with Overweight or Obesity in a Randomized Controlled Weight Loss Intervention. <i>Journal of Nutrition</i> , 2021 , 151, 911-920	4.1	2
275	Dietary Fat and Protein Intake in Relation to Plasma Sphingolipids as Determined by a Large-Scale Lipidomic Analysis. <i>Metabolites</i> , 2021 , 11,	5.6	2
274	Association between body mass index and diabetic retinopathy in Asians: the Asian Eye Epidemiology Consortium (AEEC) study. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	2
273	Retinal microvascular signs and risk of diabetic kidney disease in asian and white populations. <i>Scientific Reports</i> , 2021 , 11, 4898	4.9	0
272	Transformation of Electronic Health Records and Questionnaire Data to OMOP CDM: A Feasibility Study Using SG_T2DM Dataset. <i>Applied Clinical Informatics</i> , 2021 , 12, 757-767	3.1	3
271	A Multiplex Thyroid-Specific Assay for Quantification of Circulating Thyroid Cell-Free RNA in Plasma of Thyroid Cancer Patients. <i>Frontiers in Genetics</i> , 2021 , 12, 721832	4.5	1
270	APOC3 genetic variation, serum triglycerides, and risk of coronary artery disease in Asian Indians, Europeans, and other ethnic groups. <i>Lipids in Health and Disease</i> , 2021 , 20, 113	4.4	2
269	Association between Body Mass Index and Chronic Kidney Disease in Asian Populations: A Participant-level Meta-Analysis. <i>Maturitas</i> , 2021 , 154, 46-54	5	2
268	Trust and Trade-Offs in Sharing Data for Precision Medicine: A National Survey of Singapore. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	1
267	Navigating conflicts of justice in the use of race and ethnicity in precision medicine. <i>Bioethics</i> , 2020 , 34, 849-856	2	2
266	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
265	Evaluating drug targets through human loss-of-function genetic variation. <i>Nature</i> , 2020 , 581, 459-464	50.4	53
264	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020 , 581, 434-443	50.4	2278

263	A structural variation reference for medical and population genetics. <i>Nature</i> , 2020 , 581, 444-451	50.4	223
262	Transcript expression-aware annotation improves rare variant interpretation. <i>Nature</i> , 2020 , 581, 452-458	50.4	55
261	Cohort profile: the Singapore diabetic cohort study. <i>BMJ Open</i> , 2020 , 10, e036443	3	2
260	Reply to: Browning capabilities of human primary adipose-derived stromal cells compared to SGBS cells. <i>Scientific Reports</i> , 2020 , 10, 9634	4.9	
259	Exploring Factors Underlying Ethnic Difference in Age-related Macular Degeneration Prevalence. <i>Ophthalmic Epidemiology</i> , 2020 , 27, 399-408	1.9	2
258	The Patient Activation through Community Empowerment/Engagement for Diabetes Management (PACE-D) protocol: a non-randomised controlled trial of personalised care and support planning for persons living with diabetes. <i>BMC Family Practice</i> , 2020 , 21, 114	2.6	
257	Associations with metabolites in Chinese suggest new metabolic roles in Alzheimer's and Parkinson's diseases. <i>Human Molecular Genetics</i> , 2020 , 29, 189-201	5.6	5
256	New insights into human beta cell biology using human pluripotent stem cells. <i>Seminars in Cell and Developmental Biology</i> , 2020 , 103, 31-40	7.5	8
255	"Who is watching the watchdog?": ethical perspectives of sharing health-related data for precision medicine in Singapore. <i>BMC Medical Ethics</i> , 2020 , 21, 118	2.9	5
254	Evaluating the effectiveness of a multi-faceted inpatient diabetes management program among hospitalised patients with diabetes mellitus. <i>Clinical Diabetes and Endocrinology</i> , 2020 , 6, 21	4.7	1
253	Branched-Chain Amino Acid Oxidation Is Elevated in Adults with Morbid Obesity and Decreases Significantly after Sleeve Gastrectomy. <i>Journal of Nutrition</i> , 2020 , 150, 3180-3189	4.1	6
252	Coffee, Black Tea, and Green Tea Consumption in Relation to Plasma Metabolites in an Asian Population. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e2000527	5.9	5
251	Diet, Physical Activity and Adiposity as Determinants of Circulating Amino Acid Levels in a Multiethnic Asian Population. <i>Nutrients</i> , 2020 , 12,	6.7	1
250	MRMkit: Automated Data Processing for Large-Scale Targeted Metabolomics Analysis. <i>Analytical Chemistry</i> , 2020 , 92, 13677-13682	7.8	4
249	Acute Bacterial Suppurative Thyroiditis following Fine Needle Aspiration: A Case Report and Review of the Literature. <i>Case Reports in Endocrinology</i> , 2020 , 2020, 7104806	1.2	2
248	Plasma sphingolipids and risk of cardiovascular diseases: a large-scale lipidomic analysis. <i>Metabolomics</i> , 2020 , 16, 89	4.7	9
247	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	10.3	15
246	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

245	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41
244	Mendelian Randomization Analysis of Hemoglobin A as a Risk Factor for Coronary Artery Disease. <i>Diabetes Care</i> , 2019 , 42, 1202-1208	14.6	17
243	The Great Masquerador: A Young Female with Multiple Endocrine Neoplasia Type 2A and Bilateral Pheochromocytomas. <i>American Journal of Medicine</i> , 2019 , 132, e767-e770	2.4	1
242	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019 , 570, 71-76	50.4	129
241	Protective Function of Mitogen-Activated Protein Kinase Phosphatase 5 in Aging- and Diet-Induced Hepatic Steatosis and Steatohepatitis. <i>Hepatology Communications</i> , 2019 , 3, 748-762	6	14
240	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019 , 28, 2615-2633	5.6	14
239	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
238	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
237	Precision Medicine and Big Data: The Application of an Ethics Framework for Big Data in Health and Research. <i>Asian Bioethics Review</i> , 2019 , 11, 275-288	3.4	9
236	An Ethics Framework for Big Data in Health and Research. <i>Asian Bioethics Review</i> , 2019 , 11, 227-254	3.4	39
235	Smart Phone APP to Restore Optimal Weight (SPAROW): protocol for a randomised controlled trial for women with recent gestational diabetes. <i>BMC Public Health</i> , 2019 , 19, 1287	4.1	4
234	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. <i>Cell</i> , 2019 , 179, 736-749.e15	56.2	51
233	Altered Motor and Motor Perceptual Cognitive Imagery Task-Related Activation in Diabetic Peripheral Neuropathy: Insights From Functional MRI. <i>Diabetes Care</i> , 2019 , 42, 2004-2007	14.6	3
232	High-sensitivity troponin T and long-term adverse cardiac events among patients presenting with suspected acute coronary syndrome in Singapore. <i>Singapore Medical Journal</i> , 2019 , 60, 418-426	1.9	1
231	Large-scale lipidomics identifies associations between plasma sphingolipids and T2DM incidence. <i>JCI Insight</i> , 2019 , 5,	9.9	49
230	Two-Hour Postprandial Lipoprotein Particle Concentration Differs Between Lean and Obese Individuals. <i>Frontiers in Physiology</i> , 2019 , 10, 856	4.6	2
229	Multifactorial e- and mHealth interventions for cardiovascular disease primary prevention: Protocol for a systematic review and meta-analysis of randomised controlled trials. <i>Digital Health</i> , 2019 , 5, 2055207619890480	4.7	5
228	Association of diabetes treatment with long-term glycaemic patterns in patients with type 2 diabetes mellitus: A prospective cohort study. <i>Diabetes/Metabolism Research and Reviews</i> , 2019 , 35, e31225	7.5	6

227	Ethnicity-Specific Skeletal Muscle Transcriptional Signatures and Their Relevance to Insulin Resistance in Singapore. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 465-486	5.6	3
226	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	4.1	19
225	Cohort Profile: The Singapore Multi-Ethnic Cohort (MEC) study. <i>International Journal of Epidemiology</i> , 2018 , 47, 699-699j	7.8	34
224	Risk factors and direct medical cost of early versus late unplanned readmissions among diabetes patients at a tertiary hospital in Singapore. <i>Current Medical Research and Opinion</i> , 2018 , 34, 1071-1080	2.5	2
223	Comprehensive assessment of insulin resistance in non-obese Asian Indian and Chinese men. <i>Journal of Diabetes Investigation</i> , 2018 , 9, 1296-1303	3.9	2
222	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
221	HEART score performance in Asian and Caucasian patients presenting to the emergency department with suspected acute coronary syndrome. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018 , 7, 591-601	4.3	7
220	Role of Fat and Bone Biomarkers in the Relationship Between Ethnicity and Bone Mineral Density in Older Men. <i>Calcified Tissue International</i> , 2018 , 102, 64-72	3.9	4
219	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
218	Personalised nutrition and health. <i>BMJ, The</i> , 2018 , 361, bmj.k2173	5.9	135
217	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
216	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
215	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
214	Functional status mediates the association between peripheral neuropathy and health-related quality of life in individuals with diabetes. <i>Acta Diabetologica</i> , 2018 , 55, 155-164	3.9	18
213	Sleep Apnea Evolution and Left Ventricular Recovery After Percutaneous Coronary Intervention for Myocardial Infarction. <i>Journal of Clinical Sleep Medicine</i> , 2018 , 14, 1773-1781	3.1	9
212	Alterations in branched-chain amino acid kinetics in nonobese but insulin-resistant Asian men. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 1220-1228	7	7
211	Cohort Profile: LIFE course study in CARdiovascular disease Epidemiology (LIFECARE). <i>International Journal of Epidemiology</i> , 2018 , 47, 1399-1400g	7.8	1
210	Cardiac events occurred commonly among apparently healthy Filipinos with the Brugada ECG pattern in the LIFECARE cohort. <i>Heart Asia</i> , 2018 , 10, e010969	1.9	1

209	Population differences in associations of serotonin transporter promoter polymorphism (5HTTLPR) di- and triallelic genotypes with blood pressure and hypertension prevalence. <i>American Heart Journal</i> , 2017 , 185, 110-122	4.9	9
208	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
207	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
206	Retinopathy Signs Improved Prediction and Reclassification of Cardiovascular Disease Risk in Diabetes: A prospective cohort study. <i>Scientific Reports</i> , 2017 , 7, 41492	4.9	15
205	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
204	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
203	Estimation of kinship coefficient in structured and admixed populations using sparse sequencing data. <i>PLoS Genetics</i> , 2017 , 13, e1007021	6	13
202	Dynamic Responses in Retinal Vessel Caliber With Flicker Light Stimulation and Risk of Diabetic Retinopathy and Its Progression 2017 , 58, 2449-2455		11
201	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
200	Retinal Vascular Imaging Markers and Incident Chronic Kidney Disease: A Prospective Cohort Study. <i>Scientific Reports</i> , 2017 , 7, 9374	4.9	29
199	Plasma lipoprotein subfraction concentrations are associated with lipid metabolism and age-related macular degeneration. <i>Journal of Lipid Research</i> , 2017 , 58, 1785-1796	6.3	16
198	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
197	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
196	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179	8.2	22
195	Meat and Seafood Consumption in Relation to Plasma Metabolic Profiles in a Chinese Population: A Combined Untargeted and Targeted Metabolomics Study. <i>Nutrients</i> , 2017 , 9,	6.7	15
194	Ministry of Health Clinical Practice Guidelines: Lipids. <i>Singapore Medical Journal</i> , 2017 , 58, 155-166	1.9	16
193	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
192	Interaction Between Peroxisome Proliferator Activated Receptor α and Epithelial Membrane Protein 2 Polymorphisms Influences HDL-C Levels in the Chinese Population. <i>Annals of Human Genetics</i> , 2016 , 80, 282-93	2.2	

191	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
190	Metabolic gene expression profile in circulating mononuclear cells reflects obesity-associated metabolic inflexibility. <i>Nutrition and Metabolism</i> , 2016 , 13, 74	4.6	7
189	Onset and progression of kidney disease in type 2 diabetes among multi-ethnic Asian population. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 1248-54	3.2	7
188	C-reactive protein and serum creatinine, but not haemoglobin A1c, are independent predictors of coronary heart disease risk in non-diabetic Chinese. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 1339-49	3.9	9
187	Ethnic differences in clinical outcome of patients presenting to the emergency department with chest pain. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016 , 5, 32-40	4.3	5
186	Plasma Metabonomic Profiling of Diabetic Retinopathy. <i>Diabetes</i> , 2016 , 65, 1099-108	0.9	68
185	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
184	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
183	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
182	An Infertile Patient with Abnormal Thyroid-Stimulating Hormone. <i>Clinical Chemistry</i> , 2016 , 62, 1312-5	5.5	
181	Common susceptibility variants are shared between schizophrenia and psoriasis in the Han Chinese population. <i>Journal of Psychiatry and Neuroscience</i> , 2016 , 41, 413-421	4.5	10
180	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47	50.4	704
179	Joint Effect of Early Microvascular Damage in the Eye & Kidney on Risk of Cardiovascular Events. <i>Scientific Reports</i> , 2016 , 6, 27442	4.9	10
178	Meal rich in carbohydrate, but not protein or fat, reveals adverse immunometabolic responses associated with obesity. <i>Nutrition Journal</i> , 2016 , 15, 100	4.3	9
177	Determinants of individuals' participation in integrated chronic disease screening in Singapore. <i>Journal of Epidemiology and Community Health</i> , 2016 , 70, 1242-1250	5.1	12
176	Cystatin C, chronic kidney disease and retinopathy in adults without diabetes. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 1413-20	3.9	5
175	Cost-effectiveness of a National Telemedicine Diabetic Retinopathy Screening Program in Singapore. <i>Ophthalmology</i> , 2016 , 123, 2571-2580	7.3	87
174	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

173	Relationship between measured average glucose by continuous glucose monitor and HbA1c measured by three different routine laboratory methods. <i>Clinical Biochemistry</i> , 2015 , 48, 514-8	3.5	6
172	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
171	Metabolic syndrome and risk of age-related macular degeneration. <i>Retina</i> , 2015 , 35, 459-66	3.6	36
170	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
169	Ethnic Differences in the Role of Adipocytokines Linking Abdominal Adiposity and Insulin Sensitivity Among Asians. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 4249-56	5.6	12
168	Relationship of systemic endothelial function and peripheral arterial stiffness with diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2015 , 99, 837-41	5.5	14
167	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
166	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
165	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
164	Retinal microvascular abnormalities and risk of renal failure in Asian populations. <i>PLoS ONE</i> , 2015 , 10, e0118076	3.7	23
163	Association of Television Viewing Time with Body Composition and Calcified Subclinical Atherosclerosis in Singapore Chinese. <i>PLoS ONE</i> , 2015 , 10, e0132161	3.7	6
162	Psychometric Properties of the Problem Areas in Diabetes (PAID) Instrument in Singapore. <i>PLoS ONE</i> , 2015 , 10, e0136759	3.7	21
161	Serum Cystatin C, Markers of Chronic Kidney Disease, and Retinopathy in Persons with Diabetes. <i>Journal of Diabetes Research</i> , 2015 , 2015, 404280	3.9	17
160	Identification of new susceptibility loci for IgA nephropathy in Han Chinese. <i>Nature Communications</i> , 2015 , 6, 7270	17.4	72
159	Perceived barriers to and ideas for weight control interventions in Malay homemakers: results from focus groups. <i>Asia-Pacific Journal of Public Health</i> , 2015 , 27, NP552-61	2	0
158	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
157	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
156	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}		25

155	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
154	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
153	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
152	Low copy number of the salivary amylase gene predisposes to obesity. <i>Nature Genetics</i> , 2014 , 46, 492-7	36.3	177
151	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
150	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
149	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
148	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
147	The Prevalence of Gestational Diabetes Mellitus Among Asian Females is Lower Using the New 2013 World Health Organization Diagnostic Criteria. <i>Endocrine Practice</i> , 2014 , 20, 1064-9	3.2	9
146	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
145	Loss-of-function mutations in SLC30A8 protect against type 2 diabetes. <i>Nature Genetics</i> , 2014 , 46, 357-63	36.3	351
144	The prognostic role of body mass index on mortality amongst the middle-aged and elderly: a competing risk analysis. <i>Diabetes Research and Clinical Practice</i> , 2014 , 103, 42-50	7.4	17
143	Is chronic kidney disease associated with diabetic retinopathy in Asian adults?. <i>Journal of Diabetes</i> , 2014 , 6, 556-63	3.8	18
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2	Rare coding variants in 35 genes associate with circulating lipid levels in a multi-ancestry analysis of 170,000 exomes		2
1	Genetic discovery and translational decision support from exome sequencing of 20,791 type 2 diabetes cases and 24,440 controls from five ancestries		2