

# Qiong Yang

## List of Publications by Citations

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**Version:** 2024-04-25

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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.

121  
papers

12,015  
citations

49  
h-index

109  
g-index

133  
ext. papers

15,680  
ext. citations

11.5  
avg, IF

4.9  
L-index

#	Paper	IF	Citations
121	Common variants at 30 loci contribute to polygenic dyslipidemia. <i>Nature Genetics</i> , <b>2009</b> , 41, 56-65	36.3	1095
120	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A $\beta$ tau, immunity and lipid processing. <i>Nature Genetics</i> , <b>2019</b> , 51, 414-430	36.3	917
119	The Third Generation Cohort of the National Heart, Lung, and Blood Institute's Framingham Heart Study: design, recruitment, and initial examination. <i>American Journal of Epidemiology</i> , <b>2007</b> , 165, 1328-33 <sup>3.8</sup>	36.3	605
118	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , <b>2010</b> , 42, 376-84	36.3	599
117	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , <b>2018</b> , 50, 524-537	36.3	536
116	Association of three genetic loci with uric acid concentration and risk of gout: a genome-wide association study. <i>Lancet, The</i> , <b>2008</b> , 372, 1953-61	40	520
115	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , <b>2017</b> , 49, 1373-1384	36.3	508
114	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , <b>2013</b> , 45, 145-54	36.3	505
113	Multiple loci associated with indices of renal function and chronic kidney disease. <i>Nature Genetics</i> , <b>2009</b> , 41, 712-7	36.3	469
112	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , <b>2016</b> , 7, 10023	17.4	295
111	Multiple loci influence erythrocyte phenotypes in the CHARGE Consortium. <i>Nature Genetics</i> , <b>2009</b> , 41, 1191-8	36.3	285
110	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , <b>2018</b> , 9, 2098	17.4	254
109	Multiple genetic loci influence serum urate levels and their relationship with gout and cardiovascular disease risk factors. <i>Circulation: Cardiovascular Genetics</i> , <b>2010</b> , 3, 523-30		243
108	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 957-972	36.3	217
107	Genome-wide meta-analyses identifies seven loci associated with platelet aggregation in response to agonists. <i>Nature Genetics</i> , <b>2010</b> , 42, 608-13	36.3	204
106	GWAF: an R package for genome-wide association analyses with family data. <i>Bioinformatics</i> , <b>2010</b> , 26, 580-1	7.2	195
105	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , <b>2017</b> , 49, 946-952	36.3	176

104	A combined epidemiologic and metabolomic approach improves CKD prediction. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2013</b> , 24, 1330-8	12.7	172
103	CUBN is a gene locus for albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2011</b> , 22, 555-707	17.0	170
102	The genetic architecture of the human cerebral cortex. <i>Science</i> , <b>2020</b> , 367,	33.3	156
101	The Framingham Heart Study 100K SNP genome-wide association study resource: overview of 17 phenotype working group reports. <i>BMC Medical Genetics</i> , <b>2007</b> , 8 Suppl 1, S1	2.1	152
100	Genome-wide association studies of serum magnesium, potassium, and sodium concentrations identify six Loci influencing serum magnesium levels. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1001045	6	144
99	Association of eGFR-Related Loci Identified by GWAS with Incident CKD and ESRD. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002292	6	144
98	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002584	6	143
97	Genomewide linkage analysis to serum creatinine, GFR, and creatinine clearance in a community-based population: the Framingham Heart Study. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2004</b> , 15, 2457-61	12.7	141
96	Candidate gene association resource (CARE): design, methods, and proof of concept. <i>Circulation: Cardiovascular Genetics</i> , <b>2010</b> , 3, 267-75		125
95	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , <b>2019</b> , 51, 1459-1474	36.3	122
94	Multiethnic genome-wide association study of cerebral white matter hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , <b>2015</b> , 8, 398-409		119
93	Analyze multivariate phenotypes in genetic association studies by combining univariate association tests. <i>Genetic Epidemiology</i> , <b>2010</b> , 34, 444-54	2.6	113
92	Causal Assessment of Serum Urate Levels in Cardiometabolic Diseases Through a Mendelian Randomization Study. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 407-416	15.1	101
91	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , <b>2016</b> , 65, 803-17	0.9	96
90	Epigenome-wide association studies identify DNA methylation associated with kidney function. <i>Nature Communications</i> , <b>2017</b> , 8, 1286	17.4	92
89	Genome-wide association study for serum urate concentrations and gout among African Americans identifies genomic risk loci and a novel URAT1 loss-of-function allele. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 4056-68	5.6	86
88	Genome-wide search for genes affecting serum uric acid levels: the Framingham Heart Study. <i>Metabolism: Clinical and Experimental</i> , <b>2005</b> , 54, 1435-41	12.7	83
87	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 1624-1636	36.3	81

86	Association of novel genetic Loci with circulating fibrinogen levels: a genome-wide association study in 6 population-based cohorts. <i>Circulation: Cardiovascular Genetics</i> , <b>2009</b> , 2, 125-33		77
85	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimers and Dementia</i> , <b>2018</b> , 14, 707-722	1.2	76
84	A genome-wide association for kidney function and endocrine-related traits in the NHLBI's Framingham Heart Study. <i>BMC Medical Genetics</i> , <b>2007</b> , 8 Suppl 1, S10	2.1	71
83	Dimethylguanidino valeric acid is a marker of liver fat and predicts diabetes. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 4394-4402	15.9	71
82	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , <b>2017</b> , 7, 45040	4.9	70
81	Methods for Analyzing Multivariate Phenotypes in Genetic Association Studies. <i>Journal of Probability and Statistics</i> , <b>2012</b> , 2012, 652569	0.6	68
80	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. <i>Blood</i> , <b>2012</b> , 120, 4873-81	2.2	65
79	Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 1765.e7-1765.e16	5.6	63
78	Comprehensive survey of common genetic variation at the plasminogen activator inhibitor-1 locus and relations to circulating plasminogen activator inhibitor-1 levels. <i>Circulation</i> , <b>2005</b> , 112, 1728-35	16.7	63
77	Genome-wide association and linkage analyses of hemostatic factors and hematological phenotypes in the Framingham Heart Study. <i>BMC Medical Genetics</i> , <b>2007</b> , 8 Suppl 1, S12	2.1	60
76	Genome-wide meta-analysis of homocysteine and methionine metabolism identifies five one carbon metabolism loci and a novel association of ALDH1L1 with ischemic stroke. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004214	6	57
75	Identification of cis- and trans-acting genetic variants explaining up to half the variation in circulating vascular endothelial growth factor levels. <i>Circulation Research</i> , <b>2011</b> , 109, 554-63	15.7	57
74	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 5329-43	5.6	54
73	Common genetic variation in five thrombosis genes and relations to plasma hemostatic protein level and cardiovascular disease risk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 1405-12	2.4	53
72	Association of single nucleotide polymorphisms on chromosome 9p21.3 with platelet reactivity: a potential mechanism for increased vascular disease. <i>Circulation: Cardiovascular Genetics</i> , <b>2010</b> , 3, 445-53		48
71	Genetic Architecture of the Cardiovascular Risk Proteome. <i>Circulation</i> , <b>2018</b> , 137, 1158-1172	16.7	47
70	An exome array study of the plasma metabolome. <i>Nature Communications</i> , <b>2016</b> , 7, 12360	17.4	47
69	Genetic predictors of fibrin D-dimer levels in healthy adults. <i>Circulation</i> , <b>2011</b> , 123, 1864-72	16.7	47

68	CDKN1C/p57kip2 is a candidate tumor suppressor gene in human breast cancer. <i>BMC Cancer</i> , <b>2008</b> , 8, 68	4.8	46
67	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , <b>2019</b> , 10, 4130	17.4	43
66	Lipid and lipoprotein measurements and the risk of ischemic vascular events: Framingham Study. <i>Neurology</i> , <b>2015</b> , 84, 472-9	6.5	43
65	Quantitative DNA fingerprinting may distinguish new primary breast cancer from disease recurrence. <i>Journal of Clinical Oncology</i> , <b>2004</b> , 22, 1830-8	2.2	42
64	Maternal influence on blood pressure suggests involvement of mitochondrial DNA in the pathogenesis of hypertension: the Framingham Heart Study. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 2067-73	1.9	41
63	Genome-wide linkage analysis to urinary microalbuminuria in a community-based sample: the Framingham Heart Study. <i>Kidney International</i> , <b>2005</b> , 67, 70-4	9.9	40
62	Clinical and genetic correlates of circulating angiopoietin-2 and soluble Tie-2 in the community. <i>Circulation: Cardiovascular Genetics</i> , <b>2010</b> , 3, 300-6		39
61	Assessment of genetic determinants of the association of $\alpha$ 2-fibrinogen in relation to cardiovascular disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 2345-52	9.4	37
60	Association of genomic loci from a cardiovascular gene SNP array with fibrinogen levels in European Americans and African-Americans from six cohort studies: the Candidate Gene Association Resource (CARE). <i>Blood</i> , <b>2011</b> , 117, 268-75	2.2	31
59	Large-scale whole-exome sequencing association studies identify rare functional variants influencing serum urate levels. <i>Nature Communications</i> , <b>2018</b> , 9, 4228	17.4	31
58	and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2017</b> , 28, 981-994	12.7	30
57	Association of genetic variation in the mitochondrial genome with blood pressure and metabolic traits. <i>Hypertension</i> , <b>2012</b> , 60, 949-56	8.5	30
56	Evidence for linkage of red blood cell size and count: genome-wide scans in the Framingham Heart Study. <i>American Journal of Hematology</i> , <b>2007</b> , 82, 605-10	7.1	29
55	Common variants in Mendelian kidney disease genes and their association with renal function. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2013</b> , 24, 2105-17	12.7	27
54	New insights into the genetic etiology of Alzheimer's disease and related dementias.. <i>Nature Genetics</i> , <b>2022</b> ,	36.3	27
53	A genome-wide search for genes affecting circulating fibrinogen levels in the Framingham Heart Study. <i>Thrombosis Research</i> , <b>2003</b> , 110, 57-64	8.2	25
52	New insights on the genetic etiology of Alzheimer's and related dementia		25
51	Profiling of the plasma proteome across different stages of human heart failure. <i>Nature Communications</i> , <b>2019</b> , 10, 5830	17.4	25

50	Proteomics Profiling and Risk of New-Onset Atrial Fibrillation: Framingham Heart Study. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e010976	6	24
49	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , <b>2020</b> , 51, 2111-2121	6.7	23
48	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. <i>Nature Communications</i> , <b>2021</b> , 12, 3417	17.4	23
47	Probing the Virtual Proteome to Identify Novel Disease Biomarkers. <i>Circulation</i> , <b>2018</b> , 138, 2469-2481	16.7	23
46	Association of variants in HTRA1 and NOTCH3 with MRI-defined extremes of cerebral small vessel disease in older subjects. <i>Brain</i> , <b>2019</b> , 142, 1009-1023	11.2	21
45	Genome-wide linkage analyses and candidate gene fine mapping for HDL3 cholesterol: the Framingham Study. <i>Journal of Lipid Research</i> , <b>2005</b> , 46, 1416-25	6.3	21
44	Association of estimated glomerular filtration rate and urinary uromodulin concentrations with rare variants identified by UMOD gene region sequencing. <i>PLoS ONE</i> , <b>2012</b> , 7, e38311	3.7	21
43	Description of the Framingham Heart Study data for Genetic Analysis Workshop 13. <i>BMC Genetics</i> , <b>2003</b> , 4 Suppl 1, S2	2.6	19
42	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , <b>2020</b> , 11, 4796	17.4	16
41	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , <b>2018</b> , 9, 3945	17.4	16
40	Gene-centric approach identifies new and known loci for FVIII activity and VWF antigen levels in European Americans and African Americans. <i>American Journal of Hematology</i> , <b>2015</b> , 90, 534-40	7.1	15
39	Genetic risk score and risk of stage 3 chronic kidney disease. <i>BMC Nephrology</i> , <b>2017</b> , 18, 32	2.7	15
38	Flexible semiparametric analysis of longitudinal genetic studies by reduced rank smoothing. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , <b>2012</b> , 61, 1-24	1.5	15
37	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , <b>2019</b> , 2, 285	6.7	14
36	Proteomic Profiling in Biracial Cohorts Implicates DC-SIGN as a Mediator of Genetic Risk in COVID-19 <b>2020</b> ,		14
35	A comparison of strategies for analyzing dichotomous outcomes in genome-wide association studies with general pedigrees. <i>Genetic Epidemiology</i> , <b>2011</b> , 35, 650-7	2.6	12
34	Exome Chip Analysis Identifies Low-Frequency and Rare Variants in MRPL38 for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. <i>Stroke</i> , <b>2018</b> , 49, 1812-1819	6.7	10
33	Using family-based imputation in genome-wide association studies with large complex pedigrees: the Framingham Heart Study. <i>PLoS ONE</i> , <b>2012</b> , 7, e51589	3.7	10

32	Association of common genetic variants with brain microbleeds: A genome-wide association study. <i>Neurology</i> , <b>2020</b> , 95, e3331-e3343	6.5	10
31	Association of circulating metabolites in plasma or serum and risk of stroke: Meta-analysis from seven prospective cohorts. <i>Neurology</i> , <b>2020</b> ,	6.5	9
30	Heritability of Mitral Regurgitation: Observations From the Framingham Heart Study and Swedish Population. <i>Circulation: Cardiovascular Genetics</i> , <b>2017</b> , 10,		8
29	Aptamer-Based Proteomic Platform Identifies Novel Protein Predictors of Incident Heart Failure and Echocardiographic Traits. <i>Circulation: Heart Failure</i> , <b>2020</b> , 13, e006749	7.6	8
28	Genetic analyses of longitudinal phenotype data: a comparison of univariate methods and a multivariate approach. <i>BMC Genetics</i> , <b>2003</b> , 4 Suppl 1, S29	2.6	8
27	RVFam: an R package for rare variant association analysis with family data. <i>Bioinformatics</i> , <b>2016</b> , 32, 624-6.2	6.2	7
26	Genetic Determinants of Cortical Structure (Thickness, Surface Area and Volumes) among Disease Free Adults in the CHARGE Consortium		7
25	Circulating testican-2 is a podocyte-derived marker of kidney health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 25026-25035	11.5	7
24	Whole exome sequence-based association analyses of plasma amyloid- $\beta$ in African and European Americans; the Atherosclerosis Risk in Communities-Neurocognitive Study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0180046	2.7	6
23	Handling linkage disequilibrium in linkage analysis using dense single-nucleotide polymorphisms. <i>BMC Proceedings</i> , <b>2007</b> , 1 Suppl 1, S161	2.3	6
22	Genetic Architecture of Circulating Very-Long-Chain (C24:0 and C22:0) Ceramide Concentrations. <i>Journal of Lipid and Atherosclerosis</i> , <b>2020</b> , 9, 172-183	3	6
21	Proteomic profiling reveals biomarkers and pathways in type 2 diabetes risk. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	6
20	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , <b>2021</b> , 99, 926-939	9.9	6
19	A genetic association study of D-dimer levels with 50K SNPs from a candidate gene chip in four ethnic groups. <i>Thrombosis Research</i> , <b>2014</b> , 134, 462-7	8.2	5
18	Plasma amyloid $\beta$ levels are driven by genetic variants near APOE, BACE1, APP, PSEN2: A genome-wide association study in over 12,000 non-demented participants. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 1663-1674	1.2	5
17	Multomics integrative analysis identifies allele-specific blood biomarkers associated to Alzheimer's disease etiopathogenesis. <i>Aging</i> , <b>2021</b> , 13, 9277-9329	5.6	4
16	A three-stage approach for genome-wide association studies with family data for quantitative traits. <i>BMC Genetics</i> , <b>2010</b> , 11, 40	2.6	3
15	Using linkage and association to identify and model genetic effects: summary of GAW15 Group 4. <i>Genetic Epidemiology</i> , <b>2007</b> , 31 Suppl 1, S34-42	2.6	3

14	Joint modeling of linkage and association using affected sib-pair data. <i>BMC Proceedings</i> , <b>2007</b> , 1 Suppl 1, S38	2.3	3
13	Proteomic Signatures of Lifestyle Risk Factors for Cardiovascular Disease: A Cross-Sectional Analysis of the Plasma Proteome in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e018020	6	3
12	Genome-wide association study reveals novel genetic loci: a new polygenic risk score for mitral valve prolapse.. <i>European Heart Journal</i> , <b>2022</b> ,	9.5	2
11	Genetic variants for head size share genes and pathways with cancer		2
10	Multioomic Profiling in Black and White Populations Reveals Novel Candidate Pathways in Left Ventricular Hypertrophy and Incident Heart Failure Specific to Black Adults. <i>Circulation Genomic and Precision Medicine</i> , <b>2021</b> , 14, e003191	5.2	2
9	The genetics of circulating BDNF: towards understanding the role of BDNF in brain structure and function in middle and old ages. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa176	4.5	1
8	Effect of linkage disequilibrium between markers in linkage and association analyses. <i>Genetic Epidemiology</i> , <b>2007</b> , 31 Suppl 1, S139-48	2.6	1
7	Exome Array Analysis of Early-Onset Ischemic Stroke. <i>Stroke</i> , <b>2020</b> , 51, 3356-3360	6.7	1
6	Allele-specific DNA methylation maps in monozygotic twins discordant for psychiatric disorders reveal that disease-associated switching at the EIPR1 regulatory loci modulates neural function. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	1
5	An evaluation of approaches for rare variant association analyses of binary traits in related samples. <i>Scientific Reports</i> , <b>2021</b> , 11, 3145	4.9	1
4	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , <b>2022</b> , 5,	6.7	1
3	Association of low-frequency and rare coding variants with information processing speed. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 613	8.6	0
2	Elucidating mechanisms of genetic cross-disease associations at the PROCR vascular disease locus.. <i>Nature Communications</i> , <b>2022</b> , 13, 1222	17.4	0
1	Associations Between Brainstem Volume and Alzheimer's Disease Pathology in Middle-Aged Individuals of the Framingham Heart Study.. <i>Journal of Alzheimer's Disease</i> , <b>2022</b> ,	4.3	