Hui-Qi Qu

List of Publications by Year in Descending Order

98 papers	3,029 citations	26 h-index	54 g-index
121 ext. papers	3,573 ext. citations	6.1 avg, IF	4.53 L-index

#	Paper	IF	Citations
98	Mendelian randomization study of obesity and type 2 diabetes in hospitalized COVID-19 patients.. *Metabolism: Clinical and Experimental*, **2022**, 155156	12.7	0
97	Improved Genetic Risk Scoring Algorithm (GRS2$) for Type 1 Diabetes Prediction.. *Pediatric Diabetes* , **2022**,	3.6	3
96	Expansion of Schizophrenia Gene Network Knowledge Using Machine Learning Selected Signals From Dorsolateral Prefrontal Cortex and Amygdala RNA-seq Data.. *Frontiers in Psychiatry*, **2022**, 13, 797329	5	0
95	Burden of rare coding variants reveals genetic heterogeneity between obese and non-obese asthma patients in the African American population.. *Respiratory Research*, **2022**, 23, 116	7.3	0
94	Heparin-binding protein levels correlate with aggravation and multiorgan damage in severe COVID-19. *ERJ Open Research*, **2021**, 7,	3.5	7
93	Machine Learning Reduced Gene/Non-Coding RNA Features That Classify Schizophrenia Patients Accurately and Highlight Insightful Gene Clusters. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
92	New insights into hallux valgus by whole exome sequencing study. *Experimental Biology and Medicine*, **2021**, 246, 1607-1616	3.7	0
91	Elevation of Circulating LIGHT (TNFSF14) and Interleukin-18 Levels in Sepsis-Induced Multi-Organ Injuries **2021**,		1
90	Serum levels of the IgA isotype switch factor TGF-β are elevated in patients with COVID-19. *FEBS Letters*, **2021**, 595, 1819-1824	3.8	4
89	Metabolomic profiling of anaerobic and aerobic energy metabolic pathways in chronic obstructive pulmonary disease. *Experimental Biology and Medicine*, **2021**, 246, 1586-1596	3.7	1
88	Combined application of genetic and polygenic risk scores for type 1 diabetes risk prediction. *Diabetes, Obesity and Metabolism*, **2021**, 23, 2001-2003	6.7	
87	Deep learning prediction of attention-deficit hyperactivity disorder in African Americans by copy number variation. *Experimental Biology and Medicine*, **2021**, 246, 2317-2323	3.7	2
86	Association of DLL1 with type 1 diabetes in patients characterized by low polygenic risk score. *Metabolism: Clinical and Experimental*, **2021**, 114, 154418	12.7	4
85	FLNC and MYLK2 Gene Mutations in a Chinese Family with Different Phenotypes of Cardiomyopathy. *International Heart Journal*, **2021**, 62, 127-134	1.8	1
84	Association of novel rare coding variants with juvenile idiopathic arthritis. *Annals of the Rheumatic Diseases*, **2021**, 80, 626-631	2.4	2
83	Prevalence of overweight/obesity and associated factors among adults in Wolaita Sodo Town, Southern Ethiopia. *Cogent Medicine*, **2021**, 8, 1965709	1.4	
82	Rare Recurrent Variants in Noncoding Regions Impact Attention-Deficit Hyperactivity Disorder (ADHD) Gene Networks in Children of both African American and European American Ancestry. *Genes*, **2021**, 12,	4.2	2

81	Genetic architecture of type 1 diabetes with low genetic risk score informed by 41 unreported loci. *Communications Biology*, **2021**, 4, 908	6.7	1
80	Insights into non-autoimmune type 1 diabetes with 13 novel loci in low polygenic risk score patients. *Scientific Reports*, **2021**, 11, 16013	4.9	1
79	A genome-wide association meta-analysis identifies new eosinophilic esophagitis loci. *Journal of Allergy and Clinical Immunology*, **2021**,	11.5	1
78	Mitochondrial DNA haplogroups and risk of attention deficit and hyperactivity disorder in European Americans. *Translational Psychiatry*, **2020**, 10, 370	8.6	0
77	COVID-19: Look to the Future, Learn from the Past. *Viruses*, **2020**, 12,	6.2	5
76	Distinct features of SARS-CoV-2-specific IgA response in COVID-19 patients. *European Respiratory Journal*, **2020**, 56,	13.6	192
75	Liraglutide Ameliorates Lipotoxicity-Induced Oxidative Stress by Activating the NRF2 Pathway in HepG2 Cells. *Hormone and Metabolic Research*, **2020**, 52, 532-539	3.1	8
74	Mitochondrial DNA Haplogroups and Susceptibility to Neuroblastoma. *Journal of the National Cancer Institute*, **2020**, 112, 1259-1266	9.7	5
73	Rare Genetic Variants of Large Effect Influence Risk of Type 1 Diabetes. *Diabetes*, **2020**, 69, 784-795	0.9	14
72	The Infection Rate of COVID-19 in Wuhan, China: Combined Analysis of Population Samples. *Journal of Medical Internet Research*, **2020**, 22, e20914	7.6	0
71	Interpretation of Maturity-Onset Diabetes of the Young Genetic Variants Based on American College of Medical Genetics and Genomics Criteria: Machine-Learning Model Development. *JMIR Biomedical Engineering*, **2020**, 5, e20506	1.3	0
70	The Multi-Omics Architecture of Juvenile Idiopathic Arthritis. *Cells*, **2020**, 9,	7.9	7
69	Expression Pattern of the SARS-CoV-2 Entry Genes and in the Respiratory Tract. *Viruses*, **2020**, 12,	6.2	12
68	High prevalence of elevated serum liver enzymes in Chinese children suggests metabolic syndrome as a common risk factor. *Journal of Paediatrics and Child Health*, **2020**, 56, 1590-1596	1.3	0
67	Non-coding structural variation differentially impacts attention-deficit hyperactivity disorder (ADHD) gene networks in African American vs Caucasian children. *Scientific Reports*, **2020**, 10, 15252	4.9	4
66	Role of the ADCY9 gene in cardiac abnormalities of the Rubinstein-Taybi syndrome. *Orphanet Journal of Rare Diseases*, **2020**, 15, 101	4.2	1
65	Application of ACMG criteria to classify variants in the human gene mutation database. *Journal of Human Genetics*, **2019**, 64, 1091-1095	4.3	7
64	Association of Rare Recurrent Copy Number Variants With Congenital Heart Defects Based on Next-Generation Sequencing Data From Family Trios. *Frontiers in Genetics*, **2019**, 10, 819	4.5	6

63	Microduplications at the 15q11.2 BP1-BP2 locus are enriched in patients with anorexia nervosa. *Journal of Psychiatric Research*, **2019**, 113, 34-38	5.2	6
62	Effect of hypercortisolism on bone mineral density and bone metabolism: A potential protective effect of adrenocorticotropic hormone in patients with Cushing's disease. *Journal of International Medical Research*, **2018**, 46, 492-503	1.4	13
61	Nonfunctional pancreatic endocrine tumor in the peripancreatic region in a Chinese patient with multiple endocrine neoplasia type 1. *Journal of International Medical Research*, **2018**, 46, 908-915	1.4	2
60	Active form of vitamin D ameliorates non-alcoholic fatty liver disease by alleviating oxidative stress in a high-fat diet rat model. *Endocrine Journal*, **2017**, 64, 663-673	2.9	29
59	A novel AVPR2 gene mutation of X-linked congenital nephrogenic diabetes insipidus in an Asian pedigree. *Journal of International Medical Research*, **2016**, 44, 1131-1137	1.4	3
58	1,25(OH)2D3 downregulates the Toll-like receptor 4-mediated inflammatory pathway and ameliorates liver injury in diabetic rats. *Journal of Endocrinological Investigation*, **2015**, 38, 1083-91	5.2	22
57	Clostridium difficile infection in diabetes. *Diabetes Research and Clinical Practice*, **2014**, 105, 285-94	7.4	18
56	Gene-specific function prediction for non-synonymous mutations in monogenic diabetes genes. *PLoS ONE*, **2014**, 9, e104452	3.7	16
55	Genome-wide search for exonic variants affecting translational efficiency. *Nature Communications*, **2013**, 4, 2260	17.4	10
54	A case report of syndrome of inappropriate antidiuretic hormone secretion with Castleman's disease and lymphoma. *BMC Endocrine Disorders*, **2013**, 13, 19	3.3	4
53	Human coding synonymous single nucleotide polymorphisms at ramp regions of mRNA translation. *PLoS ONE*, **2013**, 8, e59706	3.7	7
52	Screening for novel lead compounds increasing insulin expression in medullary thymic epithelial cells. *European Journal of Pharmacology*, **2012**, 688, 84-9	5.3	6
51	Population-based risk factors for elevated alanine aminotransferase in a South Texas Mexican-American population. *Archives of Medical Research*, **2012**, 43, 482-8	6.6	11
50	Translational genomic medicine: common metabolic traits and ancestral components of Mexican Americans. *Journal of Medical Genetics*, **2012**, 49, 544-5	5.8	3
49	Ancestry informative marker set for han chinese population. *G3: Genes, Genomes, Genetics*, **2012**, 2, 339-41	3.2	8
48	Association between CASP8 and CASP10 polymorphisms and toxicity outcomes with platinum-based chemotherapy in Chinese patients with non-small cell lung cancer. *Oncologist*, **2012**, 17, 1551-61	5.7	16
47	Ancestral effect on HOMA-IR levels quantitated in an American population of Mexican origin. *Diabetes Care*, **2012**, 35, 2591-3	14.6	13
46	Host susceptibility to tuberculosis: insights from a longitudinal study of gene expression in diabetes. *International Journal of Tuberculosis and Lung Disease*, **2012**, 16, 370-2	2.1	15

45	PNPLA3 polymorphisms and liver aminotransferase levels in a Mexican American population. *Clinical and Investigative Medicine*, **2012**, 35, E237-45	0.9	26
44	Decreased expression of ATP6V1H in type 2 diabetes: a pilot report on the diabetes risk study in Mexican Americans. *Biochemical and Biophysical Research Communications*, **2011**, 412, 728-31	3.4	16
43	What did we learn from the genome-wide association study for tuberculosis susceptibility?. *Journal of Medical Genetics*, **2011**, 48, 217-8	5.8	5
42	Molecular immunity to mycobacteria: knowledge from the mutation and phenotype spectrum analysis of Mendelian susceptibility to mycobacterial diseases. *International Journal of Infectious Diseases*, **2011**, 15, e305-13	10.5	25
41	The definition of insulin resistance using HOMA-IR for Americans of Mexican descent using machine learning. *PLoS ONE*, **2011**, 6, e21041	3.7	107
40	Prevalence of metabolic syndrome and risks of abnormal serum alanine aminotransferase in Hispanics: a population-based study. *PLoS ONE*, **2011**, 6, e21515	3.7	35
39	Association study of candidate gene polymorphisms and obesity in a young Mexican-American population from South Texas. *Archives of Medical Research*, **2011**, 42, 523-31	6.6	20
38	Knowledge gaining by human genetic studies on tuberculosis susceptibility. *Journal of Human Genetics*, **2011**, 56, 177-82	4.3	30
37	A genome-wide meta-analysis of six type 1 diabetes cohorts identifies multiple associated loci. *PLoS Genetics*, **2011**, 7, e1002293	6	237
36	Adiponectin/leptin ratio and metabolic syndrome in a Mexican American population. *Clinical and Investigative Medicine*, **2011**, 34, E290	0.9	40
35	Rfx6 directs islet formation and insulin production in mice and humans. *Nature*, **2010**, 463, 775-80	50.4	254
34	In silico replication of the genome-wide association results of the Type 1 Diabetes Genetics Consortium. *Human Molecular Genetics*, **2010**, 19, 2534-8	5.6	14
33	Comparative genetic analysis of inflammatory bowel disease and type 1 diabetes implicates multiple loci with opposite effects. *Human Molecular Genetics*, **2010**, 19, 2059-67	5.6	136
32	Genome-wide profiling using single-nucleotide polymorphism arrays identifies novel chromosomal imbalances in pediatric glioblastomas. *Neuro-Oncology*, **2010**, 12, 153-63	1	60
31	Follow-up analysis of genome-wide association data identifies novel loci for type 1 diabetes. *Diabetes*, **2009**, 58, 290-5	0.9	112
30	Association of RASGRP1 with type 1 diabetes is revealed by combined follow-up of two genome-wide studies. *Journal of Medical Genetics*, **2009**, 46, 553-4	5.8	33
29	A cis-acting regulatory variant in the IL2RA locus. *Journal of Immunology*, **2009**, 183, 5158-62	5.3	19
28	From disease association to risk assessment: an optimistic view from genome-wide association studies on type 1 diabetes. *PLoS Genetics*, **2009**, 5, e1000678	6	150

27	Identification of susceptibility genes for complex diseases using pooling-based genome-wide association scans. *Human Genetics*, **2009**, 125, 305-18	6.3	66
26	Remapping the type I diabetes association of the CTLA4 locus. *Genes and Immunity*, **2009**, 10 Suppl 1, S27-32	4.4	31
25	The type I diabetes association of the IL2RA locus. *Genes and Immunity*, **2009**, 10 Suppl 1, S42-8	4.4	29
24	Reassessment of the type I diabetes association of the OAS1 locus. *Genes and Immunity*, **2009**, 10 Suppl 1, S69-73	4.4	16
23	The effect of the MHC locus on autoantibodies in type 1 diabetes. *Journal of Medical Genetics*, **2009** , 46, 469-71	5.8	20
22	The Genetic Basis of Diabetes **2009**, 377-413		
21	The association between type 1 diabetes and the ITPR3 gene polymorphism due to linkage disequilibrium with HLA class II. *Genes and Immunity*, **2008**, 9, 264-6	4.4	14
20	Association analysis of type 2 diabetes Loci in type 1 diabetes. *Diabetes*, **2008**, 57, 1983-6	0.9	39
19	A novel susceptibility locus for type 1 diabetes on Chr12q13 identified by a genome-wide association study. *Diabetes*, **2008**, 57, 1143-6	0.9	118
18	The association between the IFIH1 locus and type 1 diabetes. *Diabetologia*, **2008**, 51, 473-5	10.3	30
17	The TCF7L2 locus and type 1 diabetes. *BMC Medical Genetics*, **2007**, 8, 51	2.1	17
16	A genome-wide association study identifies KIAA0350 as a type 1 diabetes gene. *Nature*, **2007**, 448, 591-4	30.4	424
15	Genetic control of alternative splicing in the TAP2 gene: possible implication in the genetics of type 1 diabetes. *Diabetes*, **2007**, 56, 270-5	0.9	24
14	A common variant of the PAX2 gene is associated with reduced newborn kidney size. *Journal of the American Society of Nephrology: JASN*, **2007**, 18, 1915-21	12.7	88
13	Toward further mapping of the association between the IL2RA locus and type 1 diabetes. *Diabetes*, **2007**, 56, 1174-6	0.9	76
12	The IRF5 polymorphism in type 1 diabetes. *Journal of Medical Genetics*, **2007**, 44, 670-2	5.8	6
11	No association of type 1 diabetes with a functional polymorphism of the LRAP gene. *Molecular Immunology*, **2007**, 44, 2135-8	4.3	2
10	Lack of association of type 1 diabetes with the IL4R gene. *Diabetologia*, **2006**, 49, 958-61	10.3	2

9	Strand bias in complementary single-nucleotide polymorphisms of transcribed human sequences: evidence for functional effects of synonymous polymorphisms. *BMC Genomics*, **2006**, 7, 213	4.5	20
8	Type 1 diabetes and the OAS gene cluster: association with splicing polymorphism or haplotype?. *Journal of Medical Genetics*, **2006**, 43, 129-32	5.8	36
7	Assessing the validity of the association between the SUMO4 M55V variant and risk of type 1 diabetes. *Nature Genetics*, **2005**, 37, 111-2; author reply 112-3	36.3	43
6	Confirmation of the association of the R620W polymorphism in the protein tyrosine phosphatase PTPN22 with type 1 diabetes in a family based study. *Journal of Medical Genetics*, **2005**, 42, 266-70	5.8	52
5	Allele A in intron 4 of ecNOS gene will not increase the risk of diabetic nephropathy in type 2 diabetes of Chinese population. *Nephron*, **2002**, 91, 768	3.3	14
4	Restless legs syndrome (RLS) in uremic patients is related to the frequency of hemodialysis sessions. *Nephron*, **2000**, 86, 540	3.3	24
3	The Infection Rate of the Coronavirus Disease 2019 (COVID-19) in Wuhan, China		1
2	Integrative Genetics Analysis of Juvenile Idiopathic Arthritis Identifies Novel Loci		1
1	Genetics of Low Polygenic Risk Score Type 1 Diabetes Patients: rare variants in 22 novel loci		1