Maggie C Y Ng

List of Publications by Year
in descending order

57 papers	6,793 citations	172457 29 h-index	128289 60 g-index
62 all docs	62 docs citations	62 times ranked	12949 citing authors

#	Article	IF	Citations
1	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. Nature Genetics, 2018, 50, 1505-1513.	21.4	1,331
2	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	21.4	959
3	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	27.8	952
4	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	27.8	544
5	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	21.4	286
6	Identification of type 2 diabetes loci in 433,540 East Asian individuals. Nature, 2020, 582, 240-245.	27.8	282
7	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572.	21.4	250
8	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. Nature, 2019, 570, 71-76.	27.8	248
9	A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. Nature Genetics, 2013, 45, 690-696.	21.4	232
10	Meta-Analysis of Genome-Wide Association Studies in African Americans Provides Insights into the Genetic Architecture of Type 2 Diabetes. PLoS Genetics, 2014, 10, e1004517.	3.5	191
11	Type 2 Diabetes Variants Disrupt Function of SLC16A11 through Two Distinct Mechanisms. Cell, 2017, 170, 199-212.e20.	28.9	121
12	Discovery and fine-mapping of adiposity loci using high density imputation of genome-wide association studies in individuals of African ancestry: African Ancestry Anthropometry Genetics Consortium. PLoS Genetics, 2017, 13, e1006719.	3.5	98
13	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. Nature Genetics, 2019, 51, 452-469.	21.4	89
14	Genome-Wide Association of BMI in African Americans. Obesity, 2012, 20, 622-627.	3.0	63
15	Genetics of Type 2 Diabetes in U.S. Hispanic/Latino Individuals: Results From the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). Diabetes, 2017, 66, 1419-1425.	0.6	60
16	Transferability and Fine Mapping of Type 2 Diabetes Loci in African Americans. Diabetes, 2013, 62, 965-976.	0.6	59
17	Genome-wide association studies suggest that APOL1-environment interactions more likely trigger kidney disease in African Americans with nondiabetic nephropathy than strong APOL1–second gene interactions. Kidney International, 2018, 94, 599-607.	5.2	58
18	Trans-ethnic Meta-analysis and Functional Annotation Illuminates the Genetic Architecture of Fasting Glucose and Insulin. American Journal of Human Genetics, 2016, 99, 56-75.	6.2	55

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19	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. Diabetes, 2019, 68, 441-456.	0.6	54
20	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. JAMA - Journal of the American Medical Association, 2019, 322, 1682.	7.4	50
21	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. Nature Communications, 2021, 12, 3505.	12.8	49
22	Evaluation of Candidate Nephropathy Susceptibility Genes in a Genome-Wide Association Study of African American Diabetic Kidney Disease. PLoS ONE, 2014, 9, e88273.	2.5	48
23	Development and validation of a trans-ancestry polygenic risk score for type 2 diabetes in diverse populations. Genome Medicine, 2022, 14, .	8.2	48
24	A Low-Frequency Inactivating *AKT2* Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. Diabetes, 2017, 66, 2019-2032.	0.6	47
25	Mapping adipose and muscle tissue expression quantitative trait loci in African Americans to identify genes for type 2 diabetes and obesity. Human Genetics, 2016, 135, 869-880.	3.8	44
26	Association of kidney structure-related gene variants with type 2 diabetes-attributed end-stage kidney disease in African Americans. Human Genetics, 2016, 135, 1251-1262.	3.8	43
27	Genome-wide association study of primary open-angle glaucoma in continental and admixed African populations. Human Genetics, 2018, 137, 847-862.	3.8	40
28	Genetic Architecture of Primary Open-Angle Glaucoma in Individuals of African Descent. Ophthalmology, 2019, 126, 38-48.	5.2	40
29	The ras responsive transcription factor RREB1 is a novel candidate gene for type 2 diabetes associated end-stage kidney disease. Human Molecular Genetics, 2014, 23, 6441-6447.	2.9	34
30	Use of Net Reclassification Improvement (NRI) Method Confirms The Utility of Combined Genetic Risk Score to Predict Type 2 Diabetes. PLoS ONE, 2013, 8, e83093.	2.5	34
31	Genome-wide association study identifies novel loci for type 2 diabetes-attributed end-stage kidney disease in African Americans. Human Genomics, 2019, 13, 21.	2.9	32
32	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179.	5.3	31
33	Association Analysis of the Cubilin (CUBN) and Megalin (LRP2) Genes with ESRD in African Americans. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 1034-1043.	4.5	24
34	Genetic discovery and risk characterization in type 2 diabetes across diverse populations. Human Genetics and Genomics Advances, 2021, 2, 100029.	1.7	23
35	Genetic and clinical variables identify predictors forÂchronic kidney disease in type 2 diabetes. Kidney International, 2016, 89, 411-420.	5.2	22
36	Identification of genetic effects underlying type 2 diabetes in South Asian and European populations. Communications Biology, 2022, 5, 329.	4.4	21

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37	Analysis of coding variants identified from exome sequencing resources for association with diabetic and non-diabetic nephropathy in African Americans. Human Genetics, 2014, 133, 769-779.	3.8	19
38	Metabolomics Identifies Distinctive Metabolite Signatures for Measures of Glucose Homeostasis: The Insulin Resistance Atherosclerosis Family Study (IRAS-FS). Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1877-1888.	3.6	19
39	Genetics of Type 2 Diabetes in African Americans. Current Diabetes Reports, 2015, 15, 74.	4.2	18
40	Development of genome-wide polygenic risk scores for lipid traits and clinical applications for dyslipidemia, subclinical atherosclerosis, and diabetes cardiovascular complications among East Asians. Genome Medicine, 2021, 13, 29.	8.2	18
41	Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry. American Journal of Human Genetics, 2021, 108, 564-582.	6.2	18
42	Genome‐wide interaction with the insulin secretion locus *MTNR1B* reveals *CMIP* as a novel type 2 diabetes susceptibility gene in African Americans. Genetic Epidemiology, 2018, 42, 559-570.	1.3	17
43	Coding Variants in Nephrin (NPHS1) and Susceptibility to Nephropathy in African Americans. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 1434-1440.	4.5	15
44	The African Descent and Glaucoma Evaluation Study (ADAGES) III. Ophthalmology, 2019, 126, 156-170.	5.2	13
45	An Exome-wide Association Study for Type 2 Diabetes–Attributed End-Stage Kidney Disease in African Americans. Kidney International Reports, 2018, 3, 867-878.	0.8	12
46	A novel TCF7L2 type 2 diabetes SNP identified from fine mapping in African American women. PLoS ONE, 2017, 12, e0172577.	2.5	9
47	Additive effect of aldose reductase Z-4 microsatellite polymorphism and glycaemic control on cataract development in type 2 diabetes. Journal of Diabetes and Its Complications, 2014, 28, 147-151.	2.3	8
48	Genome-Wide Interaction with Insulin Secretion Loci Reveals Novel Loci for Type 2 Diabetes in African Americans. PLoS ONE, 2016, 11, e0159977.	2.5	7
49	Gene Set Enrichment Analsyes Identify Pathways Involved in Genetic Risk for Diabetic Retinopathy. American Journal of Ophthalmology, 2022, 233, 111-123.	3.3	7
50	Is genetic testing of value in predicting and treating obesity?. North Carolina Medical Journal, 2013, 74, 530-3.	0.2	7
51	Analysis of Whole Exome Sequencing with Cardiometabolic Traits Using Family-Based Linkage and Association in the IRAS Family Study. Annals of Human Genetics, 2017, 81, 49-58.	0.8	6
52	Genome-wide association study of vitamin D concentrations and bone mineral density in the African American-Diabetes Heart Study. PLoS ONE, 2021, 16, e0251423.	2.5	6
53	Genome-wide linkage and association analysis of cardiometabolic phenotypes in Hispanic Americans. Journal of Human Genetics, 2017, 62, 175-184.	2.3	4
54	Multiethnic Genome-Wide Association Study of Subclinical Atherosclerosis in Individuals With Type 2 Diabetes. Circulation Genomic and Precision Medicine, 2021, 14, e003258.	3.6	4

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55	Genetic variants in sex hormone pathways and the risk of type 2 diabetes among African American, Hispanic American, and European American postmenopausal women in the US. Journal of Diabetes, 2018, 10, 524-533.	1.8	3
56	Metabolomic architecture of obesity implicates metabolonic lactone sulfate in cardiometabolic disease. Molecular Metabolism, 2021, 54, 101342.	6.5	3
57	Predicting diabetes risk in diverse populations: what next?. Lancet Diabetes and Endocrinology,the, 2021, 9, 808-810.	11.4	2