Michael C Mahaney

List of Publications by Year
in descending order

34	2,075	394421	377865
papers	citations	19	34
		h-index	g-index

34	34	34	3502
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A major quantitative trait locus determining serum leptin levels and fat mass is located on human chromosome 2. Nature Genetics, 1997, 15, 273-276.	21.4	431
2	Genetic and Environmental Contributions to Cardiovascular Risk Factors in Mexican Americans. Circulation, 1996, 94, 2159-2170.	1.6	316
3	Plasma lipid profiling in a large population-based cohort. Journal of Lipid Research, 2013, 54, 2898-2908.	4.2	304
4	Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. Nature Genetics, 2020, 52, 969-983.	21.4	146
5	Major gene with sex-specific effects influences fat mass in Mexican Americans. Genetic Epidemiology, 1995, 12, 475-488.	1.3	95
6	Normal Variation in Leptin Levels Is Associated with Polymorphisms in the Proopiomelanocortin Gene,POMC1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3187-3191.	3.6	83
7	Genetic Contributions to Plasma Total Antioxidant Activity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1190-1195.	2.4	73
8	The integration of quantitative genetics, paleontology, and neontology reveals genetic underpinnings of primate dental evolution. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9262-9267.	7.1	63
9	Human Plasma Lipidome Is Pleiotropically Associated With Cardiovascular Risk Factors and Death. Circulation: Cardiovascular Genetics, 2014, 7, 854-863.	5.1	56
10	Genome- and epigenome-wide association study of hypertriglyceridemic waist in Mexican American families. Clinical Epigenetics, 2016, 8, 6.	4.1	52
11	Cortical Folding of the Primate Brain: An Interdisciplinary Examination of the Genetic Architecture, Modularity, and Evolvability of a Significant Neurological Trait in Pedigreed Baboons (GenusPapio). Genetics, 2015, 200, 651-665.	2.9	48
12	Lipidomic risk score independently and cost-effectively predicts risk of future type 2 diabetes: results from diverse cohorts. Lipids in Health and Disease, 2016, 15, 67.	3.0	44
13	The Effect of Pedigree Complexity on Quantitative Trait Linkage Analysis. Genetic Epidemiology, 2001, 21, S236-43.	1.3	30
14	Genetic influences on peripheral blood cell counts: a study in baboons. Blood, 2005, 106, 1210-1214.	1.4	30
15	Genome-wide association analysis confirms and extends the association of SLC2A9 with serum uric acid levels to Mexican Americans. Frontiers in Genetics, 2013, 4, 279.	2.3	30
16	Quantitative genetics of sexual dimorphism in body fat measurements. American Journal of Human Biology, 1993, 5, 725-734.	1.6	29
17	TRAK2, a novel regulator of ABCA1 expression, cholesterol efflux and HDL biogenesis. European Heart Journal, 2017, 38, 3579-3587.	2.2	27
18	Exploiting pleiotropy to map genes for oligogenic phenotypes using extended pedigree data. Genetic Epidemiology, 1997, 14, 975-980.	1.3	25

#	Article	IF	Citations
19	Shared and Unique Genetic Effects Among Seven HDL Phenotypes. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 859-864.	2.4	22
20	Dietâ€induced earlyâ€stage atherosclerosis in baboons: Lipoproteins, atherogenesis, and arterial compliance. Journal of Medical Primatology, 2018, 47, 3-17.	0.6	21
21	Additive genetic variation in the craniofacial skeleton of baboons (genus Papio) and its relationship to body and cranial size. American Journal of Physical Anthropology, 2018, 165, 269-285.	2.1	21
22	Disentangling the genetic overlap between cholesterol and suicide risk. Neuropsychopharmacology, 2018, 43, 2556-2563.	5.4	18
23	Rare DEGS1 variant significantly alters de novo ceramide synthesis pathway. Journal of Lipid Research, 2019, 60, 1630-1639.	4.2	16
24	Genetic analysis of personality traits and alcoholism using a mixed discrete continuous trait variance component model. Genetic Epidemiology, 1999, 17, S121-6.	1.3	15
25	Crossâ€sectional growth standards for captive baboons: II. Organ weight by body weight. Journal of Medical Primatology, 1993, 22, 415-427.	0.6	14
26	GWAS and transcriptional analysis prioritize ITPR1 and CNTN4 for a serum uric acid 3p26 QTL in Mexican Americans. BMC Genomics, 2016, 17, 276.	2.8	13
27	Crossâ€sectional growth standards for captive baboons: I. Organ weight by chronological age. Journal of Medical Primatology, 1993, 22, 400-414.	0.6	11
28	Genetic correlation of the plasma lipidome with type 2 diabetes, prediabetes and insulin resistance in Mexican American families. BMC Genetics, 2017, 18, 48.	2.7	10
29	Statistical genetics of normal variation in family data for oligogenic diseases. Genetic Epidemiology, 1995, 12, 783-787.	1.3	7
30	Effects of copy number variable regions on local gene expression in white blood cells of Mexican Americans. European Journal of Human Genetics, 2015, 23, 1229-1235.	2.8	7
31	Diet-induced leukocyte telomere shortening in a baboon model for early stage atherosclerosis. Scientific Reports, 2019, 9, 19001.	3.3	6
32	Soluble Forms of Intercellular and Vascular Cell Adhesion Molecules Independently Predict Progression to Type 2 Diabetes in Mexican American Families. PLoS ONE, 2016, 11, e0151177.	2.5	6
33	Identifying the Lipidomic Effects of a Rare Loss-of-Function Deletion in ANGPTL3. Circulation Genomic and Precision Medicine, 2021, 14, e003232.	3.6	3
34	Genetic influences on dentognathic morphology in the Jirel population of Nepal. Anatomical Record, 2022, 305, 2137-2157.	1.4	3