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List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,806
citations

279798

23
h-index

214800

47
g-index

90
all docs

90
docs citations

90
times ranked

5296
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Bidirectional Relationships Between Physical Activity and Depression Among Adults. <i>JAMA Psychiatry</i> , 2019, 76, 399.	11.0	399
2	Prediction of Complex Human Traits Using the Genomic Best Linear Unbiased Predictor. <i>PLoS Genetics</i> , 2013, 9, e1003608.	3.5	318
3	Genome-wide association study of habitual physical activity in over 377,000 UK Biobank participants identifies multiple variants including <i>CADM2</i> and <i>APOE</i> . <i>International Journal of Obesity</i> , 2018, 42, 1161-1176.	3.4	249
4	Beyond Missing Heritability: Prediction of Complex Traits. <i>PLoS Genetics</i> , 2011, 7, e1002051.	3.5	224
5	Canaries in the coal mine: a cross-species analysis of the plurality of obesity epidemics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1626-1632.	2.6	123
6	Post-acute sequelae of COVID-19 in a non-hospitalized cohort: Results from the Arizona CoVHORT. <i>PLoS ONE</i> , 2021, 16, e0254347.	2.5	110
7	Natural selection at genomic regions associated with obesity and type-2 diabetes: East Asians and sub-Saharan Africans exhibit high levels of differentiation at type-2 diabetes regions. <i>Human Genetics</i> , 2011, 129, 407-418.	3.8	71
8	Physical exercise is a risk factor for amyotrophic lateral sclerosis: Convergent evidence from Mendelian randomisation, transcriptomics and risk genotypes. <i>EBioMedicine</i> , 2021, 68, 103397.	6.1	65
9	Genetic admixture, self-reported ethnicity, self-estimated admixture, and skin pigmentation among Hispanics and Native Americans. <i>American Journal of Physical Anthropology</i> , 2009, 138, 375-383.	2.1	61
10	Infection with "Escaped" Virus Variants Impairs Control of Simian Immunodeficiency Virus SIVmac239 Replication in <i>Mamu-B*08</i> -Positive Macaques. <i>Journal of Virology</i> , 2009, 83, 11514-11527.	3.4	53
11	Phenotypic and Genetic Characterization of Lower LDL Cholesterol and Increased Type 2 Diabetes Risk in the UK Biobank. <i>Diabetes</i> , 2020, 69, 2194-2205.	0.6	52
12	Associations of air pollution with obesity and body fat percentage, and modification by polygenic risk score for BMI in the UK Biobank. <i>Environmental Research</i> , 2020, 185, 109364.	7.5	52
13	A Comprehensive Genetic Approach for Improving Prediction of Skin Cancer Risk in Humans. <i>Genetics</i> , 2012, 192, 1493-1502.	2.9	50
14	<i>OPRM1</i> and <i>EGFR</i> contribute to skin pigmentation differences between Indigenous Americans and Europeans. <i>Human Genetics</i> , 2012, 131, 1073-1080.	3.8	48
15	Heritability of pulmonary function estimated from pedigree and whole-genome markers. <i>Frontiers in Genetics</i> , 2013, 4, 174.	2.3	44
16	A Conserved Role for Syndecan Family Members in the Regulation of Whole-Body Energy Metabolism. <i>PLoS ONE</i> , 2010, 5, e11286.	2.5	41
17	T-Cell Correlates of Vaccine Efficacy after a Heterologous Simian Immunodeficiency Virus Challenge. <i>Journal of Virology</i> , 2010, 84, 4352-4365.	3.4	40
18	Ordered multinomial regression for genetic association analysis of ordinal phenotypes at Biobank scale. <i>Genetic Epidemiology</i> , 2020, 44, 248-260.	1.3	37

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19	Genetic influences in childhood obesity: recent progress and recommendations for experimental designs. <i>International Journal of Obesity</i> , 2012, 36, 479-484.	3.4	35
20	Differential associations of engagement in physical activity and estimated cardiorespiratory fitness with brain volume in middle-aged to older adults. <i>Brain Imaging and Behavior</i> , 2020, 14, 1994-2003.	2.1	33
21	Association of physical activity with lower type 2 diabetes incidence is weaker among individuals at high genetic risk. <i>Diabetologia</i> , 2014, 57, 2530-2534.	6.3	26
22	CYP24A1 and CYP27B1 Polymorphisms, Concentrations of Vitamin D Metabolites, and Odds of Colorectal Adenoma Recurrence. <i>Nutrition and Cancer</i> , 2015, 67, 1131-1141.	2.0	26
23	Body Mass Index, Waist Circumference, and Mortality in a Large Multiethnic Postmenopausal Cohort—Results from the Women's Health Initiative. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 1907-1915.	2.6	26
24	Genetic admixture, social—behavioural factors and body composition are associated with blood pressure differently by racial—ethnic group among children. <i>Journal of Human Hypertension</i> , 2012, 26, 98-107.	2.2	25
25	A unified GMDR method for detecting gene—gene interactions in family and unrelated samples with application to nicotine dependence. <i>Human Genetics</i> , 2014, 133, 139-150.	3.8	23
26	Diminished Milk Synthesis in Upstream Stimulatory Factor 2 Null Mice Is Associated With Decreased Circulating Oxytocin and Decreased Mammary Gland Expression of Eukaryotic Initiation Factors 4E and 4G. <i>Molecular Endocrinology</i> , 2003, 17, 2251-2267.	3.7	21
27	Triglyceride-Increasing Alleles Associated with Protection against Type-2 Diabetes. <i>PLoS Genetics</i> , 2015, 11, e1005204.	3.5	21
28	Indigenous American Ancestry is Associated with Arsenic Methylation Efficiency in an Admixed Population of Northwest Mexico. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 36-49.	2.3	20
29	Multiple Metabolic Genetic Risk Scores and Type 2 Diabetes Risk in Three Racial/Ethnic Groups. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1814-E1818.	3.6	20
30	Ancestry-informative markers on chromosomes 2, 8 and 15 are associated with insulin-related traits in a racially diverse sample of children. <i>Human Genomics</i> , 2011, 5, 79.	2.9	19
31	Obesity polymorphisms identified in genome-wide association studies interact with n-3 polyunsaturated fatty acid intake and modify the genetic association with adiposity phenotypes in Yupik people. <i>Genes and Nutrition</i> , 2013, 8, 495-505.	2.5	19
32	The relationship between European genetic admixture and body composition among Hispanics and Native Americans. <i>American Journal of Human Biology</i> , 2009, 21, 377-382.	1.6	18
33	High genetic risk individuals benefit less from resistance exercise intervention. <i>International Journal of Obesity</i> , 2015, 39, 1371-1375.	3.4	18
34	Fractal Complexity of Daily Physical Activity Patterns Differs With Age Over the Life Span and Is Associated With Mortality in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1461-1467.	3.6	18
35	Prediction of Expected Years of Life Using Whole-Genome Markers. <i>PLoS ONE</i> , 2012, 7, e40964.	2.5	17
36	FTO association and interaction with time spent sitting. <i>International Journal of Obesity</i> , 2016, 40, 411-416.	3.4	17

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37	Genetically predicted physical activity levels are associated with lower colorectal cancer risk: a Mendelian randomisation study. <i>British Journal of Cancer</i> , 2021, 124, 1330-1338.	6.4	17
38	<i>CDKAL1</i> and <i>HHEX</i> are associated with type 2 diabetes-related traits among Yup'ik people (doi:10.1093/aje/kwz344). <i>CDKAL1</i> and <i>HHEX</i> are associated with type 2 diabetes-related traits among Yup'ik people. <i>Diabetes</i> , 2020, 69, 251-259.	3.3	15
39	Racial, ethnic, and gender differences in obesity and body fat distribution: An All of Us Research Program demonstration project. <i>PLoS ONE</i> , 2021, 16, e0255583.	2.5	16
40	Associations of Obesity Genes with Obesity-related Outcomes in Multiethnic Children. <i>Archives of Medical Research</i> , 2011, 42, 509-514.	3.3	15
41	Interaction of Age and Self-reported Physical Sports Activity on White Matter Hyperintensity Volume in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 576025.	3.4	15
42	Design of the Arizona CoVHORT: A Population-Based COVID-19 Cohort. <i>Frontiers in Public Health</i> , 2021, 9, 620060.	2.7	15
43	The E3 ubiquitin ligase MARCH1 regulates glucose-tolerance and lipid storage in a sex-specific manner. <i>PLoS ONE</i> , 2018, 13, e0204898.	2.5	14
44	Bed net care practices and associated factors in western Kenya. <i>Malaria Journal</i> , 2019, 18, 274.	2.3	14
45	Estimating Genetic Ancestry Proportions from Faces. <i>PLoS ONE</i> , 2009, 4, e4460.	2.5	12
46	High Viremia Is Associated with High Levels of <i>In Vivo</i> Major Histocompatibility Complex Class I Downregulation in Rhesus Macaques Infected with Simian Immunodeficiency Virus SIVmac239. <i>Journal of Virology</i> , 2010, 84, 5443-5447.	3.4	12
47	The Genetic Contribution of West-African Ancestry to Protection against Central Obesity in African-American Men but Not Women: Results from the ARIC and MESA Studies. <i>Frontiers in Genetics</i> , 2016, 7, 89.	2.3	11
48	Nonalcoholic Fatty Liver Disease and Associated Risk Factors in a Community-Based Sample of Mexican-Origin Adults. <i>Hepatology Communications</i> , 2022, 6, 1322-1335.	4.3	11
49	Associations of the lactase persistence allele and lactose intake with body composition among multiethnic children. <i>Genes and Nutrition</i> , 2013, 8, 487-494.	2.5	10
50	Evidence for novel genetic loci associated with metabolic traits in Yup'ik people. <i>American Journal of Human Biology</i> , 2013, 25, 673-680.	1.6	10
51	<i>Taq1a</i> polymorphism (rs1800497) is associated with obesity-related outcomes and dietary intake in a multiethnic sample of children. <i>Pediatric Obesity</i> , 2019, 14, e12470.	2.8	10
52	Association of Air Pollution and Physical Activity With Brain Volumes. <i>Neurology</i> , 2022, 98, e416-e426.	1.1	10
53	Genetic Variant in ACVR2B Is Associated with Lean Mass. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1270-1275.	0.4	9
54	Psychosocial stress and bone loss among postmenopausal women: results from the Women's Health Initiative. <i>Journal of Epidemiology and Community Health</i> , 2019, 73, 888-892.	3.7	9

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55	Genome-wide association study of body fat distribution traits in Hispanics/Latinos from the HCHS/SOL. <i>Human Molecular Genetics</i> , 2021, 30, 2190-2204.	2.9	8
56	Inability of Overexpressed des(1-3)Human Insulin-Like Growth Factor I (IGF-I) to Inhibit Forced Mammary Gland Involution Is Associated with Decreased Expression of IGF Signaling Molecules. <i>Endocrinology</i> , 2001, 142, 1479-1488.	2.8	8
57	Interaction of Insulin Resistance and Related Genetic Variants With Triglyceride-Associated Genetic Variants. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 154-161.	5.1	7
58	Associations between ACE-Inhibitors, Angiotensin Receptor Blockers, and Lean Body Mass in Community Dwelling Older Women. <i>Journal of Aging Research</i> , 2018, 2018, 1-8.	0.9	7
59	Identification of Allelic Heterogeneity at Type-2 Diabetes Loci and Impact on Prediction. <i>PLoS ONE</i> , 2014, 9, e113072.	2.5	6
60	“After those nets are torn, most people use them for other purposes” an examination of alternative bed net use in western Kenya. <i>Malaria Journal</i> , 2020, 19, 272.	2.3	6
61	Circulating Fibroblast Growth Factor-21 and Risk of Metachronous Colorectal Adenoma. <i>Journal of Gastrointestinal Cancer</i> , 2021, 52, 940-946.	1.3	6
62	Malaria education interventions addressing bed net care and repair practices: a systematic review. <i>Pathogens and Global Health</i> , 2020, 114, 2-15.	2.3	6
63	Weight Loss Interventions for Hispanic Women in the United States: A Systematic Review. <i>Journal of Environmental and Public Health</i> , 2021, 2021, 1-14.	0.9	6
64	Geographic Variation in Obesity at the State Level in the All of Us Research Program. <i>Preventing Chronic Disease</i> , 2021, 18, E104.	3.4	6
65	Natural selection among Eurasians at genomic regions associated with HIV-1 control. <i>BMC Evolutionary Biology</i> , 2011, 11, 173.	3.2	5
66	A hybrid Bayesian Network/Structural Equation Modeling (BN/SEM) approach for detecting physiological networks for obesity-related genetic variants. , 2011, , 696-702.		5
67	Assessment of Whole-Genome Regression for Type II Diabetes. <i>PLoS ONE</i> , 2015, 10, e0123818.	2.5	5
68	Discovery of phenotypic networks from genotypic association studies with application to obesity. <i>International Journal of Data Mining and Bioinformatics</i> , 2015, 12, 129.	0.1	4
69	Serum urate gene associations with incident gout, measured in the Framingham Heart Study, are modified by renal disease and not by body mass index. <i>Rheumatology International</i> , 2016, 36, 263-270.	3.0	4
70	Weight loss interventions for Hispanic women in the USA: a protocol for a systematic review. <i>Systematic Reviews</i> , 2019, 8, 301.	5.3	4
71	Assessing Interactions between PNPLA3 and Dietary Intake on Liver Steatosis in Mexican-Origin Adults. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7055.	2.6	4
72	Association of <i>PNPLA3</i> I148M with Liver Disease Biomarkers in Latinos. <i>Human Heredity</i> , 2021, 86, 21-27.	0.8	4

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73	Identification of genetic loci simultaneously associated with multiple cardiometabolic traits. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 1027-1034.	2.6	4
74	Polymorphisms in stearoyl coa desaturase and sterol regulatory element binding protein interact with N-3 polyunsaturated fatty acid intake to modify associations with anthropometric variables and metabolic phenotypes in Yup'ik people. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2642-2653.	3.3	3
75	Chronic kidney disease unawareness and determinants using 1999â€“2014 National Health and Nutrition Examination Survey Data. <i>Journal of Public Health</i> , 2021, , .	1.8	3
76	Elucidating symptoms of COVID-19 illness in the Arizona CoVHORT: a longitudinal cohort study. <i>BMJ Open</i> , 2022, 12, e053403.	1.9	3
77	Genome-wide Association Study of Liking for Several Types of Physical Activity in the UK Biobank and Two Replication Cohorts. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 1252-1260.	0.4	3
78	The intersectional role of social stress in fracture risk: results from the Womenâ€™s Health Initiative. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 1208-1214.	3.7	2
79	Integrated genomic and BMI analysis for type 2 diabetes risk assessment. <i>Frontiers in Genetics</i> , 2015, 6, 75.	2.3	1
80	In response to: â€˜Information bias in measures of self-reported physical activityâ€™. <i>International Journal of Obesity</i> , 2018, 42, 2064-2065.	3.4	0
81	Obesity polymorphisms identified in genomeâ€™wide association studies interact with nâ€™3 polyunsaturated fatty acid intake and modify genetic associations with adiposity phenotypes in Yup'ik people. <i>FASEB Journal</i> , 2013, 27, 608.2.	0.5	0