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List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

17,513
citations

47006

47
h-index

19190

118
g-index

134
all docs

134
docs citations

134
times ranked

28685
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
2	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
3	Attributes and predictors of long COVID. <i>Nature Medicine</i> , 2021, 27, 626-631.	30.7	1,613
4	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
5	Sensitivity Analyses for Robust Causal Inference from Mendelian Randomization Analyses with Multiple Genetic Variants. <i>Epidemiology</i> , 2017, 28, 30-42.	2.7	820
6	Large-scale association analyses identify new loci influencing glycaemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005.	21.4	746
7	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	21.4	578
8	Quality control and conduct of genome-wide association meta-analyses. <i>Nature Protocols</i> , 2014, 9, 1192-1212.	12.0	398
9	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. <i>PLoS Genetics</i> , 2013, 9, e1003500.	3.5	371
10	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016, 48, 1171-1184.	21.4	362
11	Identification of Genomic Regions Associated with Phenotypic Variation between Dog Breeds using Selection Mapping. <i>PLoS Genetics</i> , 2011, 7, e1002316.	3.5	339
12	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	3.5	331
13	Genome-wide association studies of obesity and metabolic syndrome. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 740-757.	3.2	252
14	Large-scale Metabolomic Profiling Identifies Novel Biomarkers for Incident Coronary Heart Disease. <i>PLoS Genetics</i> , 2014, 10, e1004801.	3.5	225
15	The Role of Adiposity in Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>PLoS Medicine</i> , 2013, 10, e1001474.	8.4	178
16	A Central Role for GRB10 in Regulation of Islet Function in Man. <i>PLoS Genetics</i> , 2014, 10, e1004235.	3.5	164
17	Common Genetic Variants Highlight the Role of Insulin Resistance and Body Fat Distribution in Type 2 Diabetes, Independent of Obesity. <i>Diabetes</i> , 2014, 63, 4378-4387.	0.6	153
18	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014, 46, 669-677.	21.4	131

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19	Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2015, 44, 578-586.	1.9	123
20	Antibiotics in fetal and early life and subsequent childhood asthma: nationwide population based study with sibling analysis. <i>BMJ, The</i> , 2014, 349, g6979-g6979.	6.0	122
21	Mammary Tumor Development in Dogs Is Associated with <i>BRCA1</i> and <i>BRCA2</i> . <i>Cancer Research</i> , 2009, 69, 8770-8774.	0.9	117
22	Symptom clusters in COVID-19: A potential clinical prediction tool from the COVID Symptom Study app. <i>Science Advances</i> , 2021, 7, .	10.3	115
23	Using Genetic Variants to Assess the Relationship Between Circulating Lipids and Type 2 Diabetes. <i>Diabetes</i> , 2015, 64, 2676-2684.	0.6	114
24	Diabetes Mellitus in a Population of 180,000 Insured Dogs: Incidence, Survival, and Breed Distribution. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 1209-1216.	1.6	113
25	Early Exposure to Dogs and Farm Animals and the Risk of Childhood Asthma. <i>JAMA Pediatrics</i> , 2015, 169, e153219.	6.2	109
26	Cystatin C and Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2016, 68, 934-945.	2.8	109
27	Dog ownership and the risk of cardiovascular disease and death – a nationwide cohort study. <i>Scientific Reports</i> , 2017, 7, 15821.	3.3	109
28	Protein Biomarkers for Insulin Resistance and Type 2 Diabetes Risk in Two Large Community Cohorts. <i>Diabetes</i> , 2016, 65, 276-284.	0.6	100
29	Childhood adiposity and risk of type 1 diabetes: A Mendelian randomization study. <i>PLoS Medicine</i> , 2017, 14, e1002362.	8.4	90
30	Circulating proteins as predictors of incident heart failure in the elderly. <i>European Journal of Heart Failure</i> , 2018, 20, 55-62.	7.1	87
31	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	12.8	87
32	Global DNA hypermethylation is associated with high serum levels of persistent organic pollutants in an elderly population. <i>Environment International</i> , 2013, 59, 456-461.	10.0	82
33	Evidence of a Causal Relationship Between Adiponectin Levels and Insulin Sensitivity: A Mendelian Randomization Study. <i>Diabetes</i> , 2013, 62, 1338-1344.	0.6	81
34	FKBP5 expression in human adipose tissue increases following dexamethasone exposure and is associated with insulin resistance. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 1198-1208.	3.4	81
35	Hematopoietic loss of Y chromosome leads to cardiac fibrosis and heart failure mortality. <i>Science</i> , 2022, 377, 292-297.	12.6	79
36	Changes in markers of liver function in relation to changes in perfluoroalkyl substances - A longitudinal study. <i>Environment International</i> , 2018, 117, 196-203.	10.0	77

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37	Non-targeted metabolomics combined with genetic analyses identifies bile acid synthesis and phospholipid metabolism as being associated with incident type 2 diabetes. <i>Diabetologia</i> , 2016, 59, 2114-2124.	6.3	74
38	Detecting COVID-19 infection hotspots in England using large-scale self-reported data from a mobile application: a prospective, observational study. <i>Lancet Public Health</i> , The, 2021, 6, e21-e29.	10.0	72
39	Associations of Variants in <i>FTO</i> and Near <i>MC4R</i> With Obesity Traits in South Asian Indians. <i>Obesity</i> , 2012, 20, 2268-2277.	3.0	64
40	Age- and Sex-Specific Causal Effects of Adiposity on Cardiovascular Risk Factors. <i>Diabetes</i> , 2015, 64, 1841-1852.	0.6	63
41	The metabolic fingerprint of p,p'-DDE and HCB exposure in humans. <i>Environment International</i> , 2016, 88, 60-66.	10.0	61
42	Cancer and Risk of COVID-19 Through a General Community Survey. <i>Oncologist</i> , 2021, 26, e182-e185.	3.7	61
43	Meta-analysis of Gene-Level Associations for Rare Variants Based on Single-Variant Statistics. <i>American Journal of Human Genetics</i> , 2013, 93, 236-248.	6.2	60
44	Amylase activity is associated with <i>AMY2B</i> copy numbers in dog: implications for dog domestication, diet and diabetes. <i>Animal Genetics</i> , 2014, 45, 716-722.	1.7	56
45	Identification of metabolic profiles associated with human exposure to perfluoroalkyl substances. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 196-205.	3.9	55
46	Large-Scale Genome-Wide Association Studies and Meta-Analyses of Longitudinal Change in Adult Lung Function. <i>PLoS ONE</i> , 2014, 9, e100776.	2.5	52
47	Diabetes Mellitus in a Population of 180,000 Insured Dogs: Incidence, Survival, and Breed Distribution. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 1209.	1.6	51
48	Glucose challenge metabolomics implicates medium-chain acylcarnitines in insulin resistance. <i>Scientific Reports</i> , 2018, 8, 8691.	3.3	47
49	Relations of circulating vitamin D concentrations with left ventricular geometry and function. <i>European Journal of Heart Failure</i> , 2012, 14, 985-991.	7.1	46
50	Multiplex proteomics for prediction of major cardiovascular events in type 2 diabetes. <i>Diabetologia</i> , 2018, 61, 1748-1757.	6.3	43
51	Circulating proteins as predictors of cardiovascular mortality in end-stage renal disease. <i>Journal of Nephrology</i> , 2019, 32, 111-119.	2.0	42
52	<i>FTO</i> genetic variants and risk of obesity and type 2 diabetes: A meta-analysis of 28,394 Indians. <i>Obesity</i> , 2014, 22, 964-970.	3.0	40
53	Growth differentiation factor 15 (GDF-15) is a potential biomarker of both diabetic kidney disease and future cardiovascular events in cohorts of individuals with type 2 diabetes: a proteomics approach. <i>Uppsala Journal of Medical Sciences</i> , 2020, 125, 37-43.	0.9	40
54	Recent Advances in Human Genetics and Epigenetics of Adiposity: Pathway to Precision Medicine?. <i>Gastroenterology</i> , 2017, 152, 1695-1706.	1.3	34

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55	Global Plasma Metabolomics to Identify Potential Biomarkers of Blood Pressure Progression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, e227-e237.	2.4	34
56	Lack of Evidence for a Role of Islet Autoimmunity in the Aetiology of Canine Diabetes Mellitus. <i>PLoS ONE</i> , 2014, 9, e105473.	2.5	31
57	Genome-wide association study of coronary artery disease among individuals with diabetes: the UK Biobank. <i>Diabetologia</i> , 2018, 61, 2174-2179.	6.3	31
58	Oral Microbiota Development in Early Childhood. <i>Scientific Reports</i> , 2019, 9, 19025.	3.3	30
59	Large-scale non-targeted metabolomic profiling in three human population-based studies. <i>Metabolomics</i> , 2016, 12, 1.	3.0	29
60	Association of the Mediterranean Diet With Onset of Diabetes in the Women's Health Study. <i>JAMA Network Open</i> , 2020, 3, e2025466.	5.9	28
61	The dog as a genetic model for immunoglobulin A (IgA) deficiency: Identification of several breeds with low serum IgA concentrations. <i>Veterinary Immunology and Immunopathology</i> , 2014, 160, 255-259.	1.2	27
62	In search of causal pathways in diabetes: a study using proteomics and genotyping data from a cross-sectional study. <i>Diabetologia</i> , 2019, 62, 1998-2006.	6.3	27
63	Early Childhood Antibiotic Treatment for Otitis Media and Other Respiratory Tract Infections Is Associated With Risk of Type 1 Diabetes: A Nationwide Register-Based Study With Sibling Analysis. <i>Diabetes Care</i> , 2020, 43, 991-999.	8.6	26
64	Proteomic Biomarkers for Incident Aortic Stenosis Requiring Valvular Replacement. <i>Circulation</i> , 2018, 138, 590-599.	1.6	24
65	Dog Ownership and Survival After a Major Cardiovascular Event. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019, 12, e005342.	2.2	23
66	The metabolites urobilin and sphingomyelin (30:1) are associated with incident heart failure in the general population. <i>ESC Heart Failure</i> , 2019, 6, 764-773.	3.1	23
67	Development of gut microbiota during the first 2 years of life. <i>Scientific Reports</i> , 2022, 12, .	3.3	23
68	No Evidence of a Causal Relationship between Plasma Homocysteine and Type 2 Diabetes: A Mendelian Randomization Study. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 11.	2.4	22
69	Symptoms and syndromes associated with SARS-CoV-2 infection and severity in pregnant women from two community cohorts. <i>Scientific Reports</i> , 2021, 11, 6928.	3.3	22
70	Type 2 Diabetes in Relation to Hip Bone Density, Area, and Bone Turnover in Swedish Men and Women: A Cross-Sectional Study. <i>Calcified Tissue International</i> , 2018, 103, 501-511.	3.1	21
71	Season of birth, childhood asthma and allergy in a nationwide cohort—Mediation through lower respiratory infections. <i>Clinical and Experimental Allergy</i> , 2020, 50, 222-230.	2.9	21
72	Measurement of serum C-reactive protein concentration for discriminating between suppurative arthritis and osteoarthritis in dogs. <i>BMC Veterinary Research</i> , 2016, 12, 240.	1.9	20

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73	Effect of Insulin Resistance on Monounsaturated Fatty Acid Levels: A Multi-cohort Non-targeted Metabolomics and Mendelian Randomization Study. <i>PLoS Genetics</i> , 2016, 12, e1006379.	3.5	20
74	Associations of Circulating Protein Levels With Lipid Fractions in the General Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2505-2518.	2.4	18
75	Longitudinal plasma inflammatory proteome profiling during pregnancy in the Born into Life study. <i>Scientific Reports</i> , 2020, 10, 17819.	3.3	18
76	Mendelian randomization suggests a bidirectional, causal relationship between physical inactivity and adiposity. <i>ELife</i> , 2022, 11, .	6.0	17
77	App-based COVID-19 syndromic surveillance and prediction of hospital admissions in COVID Symptom Study Sweden. <i>Nature Communications</i> , 2022, 13, 2110.	12.8	17
78	Evening chronotype is associated with elevated biomarkers of cardiometabolic risk in the EpiHealth cohort: a cross-sectional study. <i>Sleep</i> , 2022, 45, .	1.1	16
79	Dog characteristics and future risk of asthma in children growing up with dogs. <i>Scientific Reports</i> , 2018, 8, 16899.	3.3	15
80	Evaluation of circulating concentrations of glucose homeostasis biomarkers, progesterone, and growth hormone in healthy Elkhounds during anestrus and diestrus. <i>American Journal of Veterinary Research</i> , 2012, 73, 242-247.	0.6	14
81	Functional germline variants as potential co-oncogenes. <i>Npj Breast Cancer</i> , 2017, 3, 46.	5.2	14
82	A Multi-Cohort Metabolomics Analysis Discloses Sphingomyelin (32:1) Levels to be Inversely Related to Incident Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104476.	1.6	14
83	Effect of General Adiposity and Central Body Fat Distribution on the Circulating Metabolome: A Multicohort Nontargeted Metabolomics Observational and Mendelian Randomization Study. <i>Diabetes</i> , 2022, 71, 329-339.	0.6	14
84	Changes in Proteomic Profiles are Related to Changes in BMI and Fat Distribution During 10 Years of Aging. <i>Obesity</i> , 2020, 28, 178-186.	3.0	13
85	Fasting glucose, bone area and bone mineral density: a Mendelian randomisation study. <i>Diabetologia</i> , 2021, 64, 1348-1357.	6.3	13
86	Normal values for calprotectin in stool samples of infants from the population-based longitudinal born into life study. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 120-124.	1.2	12
87	The shared risk of diabetes between dog and cat owners and their pets: register based cohort study. <i>BMJ</i> , The, 2020, 371, m4337.	6.0	12
88	Multicohort Metabolomics Analysis Discloses 9-oxo-decenoylcarnitine to Be Associated With Incident Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2021, 10, e017579.	3.7	12
89	GDF-15 is associated with sudden cardiac death due to incident myocardial infarction. <i>Resuscitation</i> , 2020, 152, 165-169.	3.0	12
90	Non-targeted urine metabolomics and associations with prevalent and incident type 2 diabetes. <i>Scientific Reports</i> , 2020, 10, 16474.	3.3	11

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91	Validation of a species-optimized enzyme-linked immunosorbent assay for determination of serum concentrations of insulin in dogs. <i>Veterinary Clinical Pathology</i> , 2011, 40, 66-73.	0.7	9
92	Parental antibiotics and childhood asthma—a population-based study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 1451-1454.e4.	3.8	9
93	Association of cardiometabolic risk factors with hospitalisation or death due to COVID-19: population-based cohort study in Sweden (SCAPIS). <i>BMJ Open</i> , 2021, 11, e051359.	1.9	9
94	Metabolic Profiling of Obesity With and Without the Metabolic Syndrome: A Multisample Evaluation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, , .	3.6	9
95	Evidence of large genetic influences on dog ownership in the Swedish Twin Registry has implications for understanding domestication and health associations. <i>Scientific Reports</i> , 2019, 9, 7554.	3.3	8
96	Sibship and risk of asthma in a total population: A disease comparative approach. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1219-1222.e3.	2.9	7
97	Effect of insulin treatment on circulating insulin-like growth factor I and IGF-binding proteins in cats with diabetes mellitus. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 1579-1590.	1.6	7
98	Role of peroxisome proliferator-activated receptor gamma Pro12Ala polymorphism in human adipose tissue: assessment of adipogenesis and adipocyte glucose and lipid turnover. <i>Adipocyte</i> , 2018, 7, 285-296.	2.8	6
99	Comment on 'AIRE-deficient patients harbor unique high-affinity disease-ameliorating autoantibodies'. <i>ELife</i> , 2019, 8, .	6.0	6
100	Impaired HMG-CoA Reductase Activity Caused by Genetic Variants or Statin Exposure: Impact on Human Adipose Tissue, β^2 -Cells and Metabolome. <i>Metabolites</i> , 2021, 11, 574.	2.9	6
101	Use of type 2 diabetes risk scores in clinical practice: a call for action. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 166-167.	11.4	5
102	Genotype-based recall to study metabolic effects of genetic variation: a pilot study of PPAR γ Pro12Ala carriers. <i>Uppsala Journal of Medical Sciences</i> , 2017, 122, 234-242.	0.9	5
103	Type 2 Diabetes and Change in Total Hip Bone Area and Bone Mineral Density in Swedish Men and Women Older Than 55 Years. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2840-2854.	3.6	5
104	The ABCC4 gene is associated with pyometra in golden retriever dogs. <i>Scientific Reports</i> , 2021, 11, 16647.	3.3	5
105	Reference Intervals for Fecal Calprotectin in Adults Using Two Different Extraction Methods in the Uppsala-SCAPIS Cohort. <i>Clinical Laboratory</i> , 2017, 63, 1493-1496.	0.5	5
106	Dog ownership and cardiovascular risk factors: a nationwide prospective register-based cohort study. <i>BMJ Open</i> , 2019, 9, e023447.	1.9	4
107	Association between pet ownership and sleep in the Swedish CARDioPulmonary bioImage Study (SCAPIS). <i>Scientific Reports</i> , 2021, 11, 7468.	3.3	4
108	Blood pressure phenotypes based on ambulatory monitoring in a general middle-aged population. <i>Blood Pressure</i> , 2021, 30, 237-249.	1.5	4

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109	Antibiotics in Fetal and Early Life and Subsequent Childhood Asthma. <i>Obstetrical and Gynecological Survey</i> , 2015, 70, 229-231.	0.4	3
110	Dog Exposure During the First Year of Life and Type 1 Diabetes in Childhood. <i>JAMA Pediatrics</i> , 2017, 171, 663.	6.2	3
111	Proteomic Analysis of Longitudinal Changes in Blood Pressure. <i>Journal of Clinical Medicine</i> , 2019, 8, 1585.	2.4	3
112	Association of cardiometabolic risk factors with hospitalisation or death due to COVID-19: population-based cohort study in Sweden (SCAPIS). <i>BMJ Open</i> , 2021, 11, e051359.	1.9	3
113	Sleep duration is associated with protein biomarkers for cardiometabolic health: A large-scale population study. <i>Journal of Sleep Research</i> , 2021, 30, e13284.	3.2	2
114	Is the effect of Mediterranean diet on hip fracture mediated through type 2 diabetes mellitus and body mass index?. <i>International Journal of Epidemiology</i> , 2021, 50, 234-244.	1.9	2
115	Cathepsin D improves the prediction of undetected diabetes in patients with myocardial infarction. <i>Upsala Journal of Medical Sciences</i> , 2019, 124, 187-192.	0.9	1
116	The COVID-19 pandemic may be receding but the diabetes pandemic rages on. <i>Diabetologia</i> , 2022, , 1.	6.3	1
117	Impaired HMG-CoA Reductase Activity Caused by Genetic Variants or Statin Exposure: Impact on Human Adipose Tissue, β^2 -Cells and Metabolome. <i>Metabolites</i> , 2021, 11, .	2.9	0