

Jana V Van Vliet-Ostapchouk

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

17,870
citations

61984

43
h-index

60623

81
g-index

85
all docs

85
docs citations

85
times ranked

26534
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	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010, 42, 579-589.	21.4	1,631
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	A variant in <i>CDKAL1</i> influences insulin response and risk of type 2 diabetes. <i>Nature Genetics</i> , 2007, 39, 770-775.	21.4	966
6	Genetic variance estimation with imputed variants finds negligible missing heritability for human height and body mass index. <i>Nature Genetics</i> , 2015, 47, 1114-1120.	21.4	709
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	Physical Activity Attenuates the Influence of <i>FTO</i> Variants on Obesity Risk: A Meta-Analysis of 218,166 Adults and 19,268 Children. <i>PLoS Medicine</i> , 2011, 8, e1001116.	8.4	446
9	The prevalence of metabolic syndrome and metabolically healthy obesity in Europe: a collaborative analysis of ten large cohort studies. <i>BMC Endocrine Disorders</i> , 2014, 14, 9.	2.2	440
10	Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. <i>PLoS Genetics</i> , 2012, 8, e1002607.	3.5	419
11	<i>FTO</i> genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012, 490, 267-272.	27.8	383
12	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
13	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017, 14, e1002383.	8.4	341
14	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
15	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
16	Genetic evidence of assortative mating in humans. <i>Nature Human Behaviour</i> , 2017, 1, .	12.0	242
17	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. <i>American Journal of Human Genetics</i> , 2012, 90, 410-425.	6.2	239
18	Large-Scale Gene-Centric Meta-analysis across 32 Studies Identifies Multiple Lipid Loci. <i>American Journal of Human Genetics</i> , 2012, 91, 823-838.	6.2	227

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19	A Genome-Wide Association Search for Type 2 Diabetes Genes in African Americans. <i>PLoS ONE</i> , 2012, 7, e29202.	2.5	197
20	Dominance Genetic Variation Contributes Little to the Missing Heritability for Human Complex Traits. <i>American Journal of Human Genetics</i> , 2015, 96, 377-385.	6.2	191
21	Obesity genes identified in genome-wide association studies are associated with adiposity measures and potentially with nutrient-specific food preference. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 951-959.	4.7	179
22	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
23	Genome-wide physical activity interactions in adiposity – A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
24	Genetic and epigenetic regulation of gene expression in fetal and adult human livers. <i>BMC Genomics</i> , 2014, 15, 860.	2.8	124
25	Genotype-covariate interaction effects and the heritability of adult body mass index. <i>Nature Genetics</i> , 2017, 49, 1174-1181.	21.4	119
26	Associations between smoking, components of metabolic syndrome and lipoprotein particle size. <i>BMC Medicine</i> , 2013, 11, 195.	5.5	109
27	DNA methylation markers associated with type 2 diabetes, fasting glucose and HbA1c levels: a systematic review and replication in a case-control sample of the Lifelines study. <i>Diabetologia</i> , 2018, 61, 354-368.	6.3	105
28	Association of variants of transcription factor 7-like 2 (TCF7L2) with susceptibility to type 2 diabetes in the Dutch Breda cohort. <i>Diabetologia</i> , 2007, 50, 59-62.	6.3	97
29	Biomonitoring of human exposures to chlorinated derivatives and structural analogs of bisphenol A. <i>Environment International</i> , 2015, 85, 352-379.	10.0	96
30	Genomic analysis of diet composition finds novel loci and associations with health and lifestyle. <i>Molecular Psychiatry</i> , 2021, 26, 2056-2069.	7.9	79
31	No Effect of the Thr92Ala Polymorphism of Deiodinase-2 on Thyroid Hormone Parameters, Health-Related Quality of Life, and Cognitive Functioning in a Large Population-Based Cohort Study. <i>Thyroid</i> , 2017, 27, 147-155.	4.5	78
32	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	12.8	74
33	Skin autofluorescence predicts incident type 2 diabetes, cardiovascular disease and mortality in the general population. <i>Diabetologia</i> , 2019, 62, 269-280.	6.3	73
34	Combined Effects of Smoking and Alcohol on Metabolic Syndrome: The LifeLines Cohort Study. <i>PLoS ONE</i> , 2014, 9, e96406.	2.5	73
35	Health-Related Quality of Life in Relation to Obesity Grade, Type 2 Diabetes, Metabolic Syndrome and Inflammation. <i>PLoS ONE</i> , 2015, 10, e0140599.	2.5	68
36	Genome-wide genetic homogeneity between sexes and populations for human height and body mass index. <i>Human Molecular Genetics</i> , 2015, 24, 7445-7449.	2.9	67

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37	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	12.8	64
38	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
39	Lifestyle and clinical determinants of skin autofluorescence in a population-based cohort study. <i>European Journal of Clinical Investigation</i> , 2016, 46, 481-490.	3.4	53
40	Dietary patterns and physical activity in the metabolically (un)healthy obese: the Dutch Lifelines cohort study. <i>Nutrition Journal</i> , 2018, 17, 18.	3.4	50
41	Distribution of Non-Persistent Endocrine Disruptors in Two Different Regions of the Human Brain. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1059.	2.6	49
42	Gene-Lifestyle Interactions in Obesity. <i>Current Nutrition Reports</i> , 2012, 1, 184-196.	4.3	46
43	Sex, BMI and age differences in metabolic syndrome: the Dutch Lifelines Cohort Study. <i>Endocrine Connections</i> , 2017, 6, 278-288.	1.9	46
44	Activating Transcription Factor 6 Polymorphisms and Haplotypes Are Associated with Impaired Glucose Homeostasis and Type 2 Diabetes in Dutch Caucasians. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2720-2725.	3.6	45
45	Thyroid function and metabolic syndrome in the population-based LifeLines cohort study. <i>BMC Endocrine Disorders</i> , 2017, 17, 65.	2.2	44
46	Possible Obesogenic Effects of Bisphenols Accumulation in the Human Brain. <i>Scientific Reports</i> , 2018, 8, 8186.	3.3	42
47	Skin autofluorescence, a non-invasive biomarker for advanced glycation end products, is associated with the metabolic syndrome and its individual components. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, 42.	2.7	37
48	Common Variants in the Type 2 Diabetes KCNQ1 Gene Are Associated with Impairments in Insulin Secretion During Hyperglycaemic Glucose Clamp. <i>PLoS ONE</i> , 2012, 7, e32148.	2.5	37
49	Mendelian randomisation analyses find pulmonary factors mediate the effect of height on coronary artery disease. <i>Communications Biology</i> , 2019, 2, 119.	4.4	35
50	Identification, Heritability, and Relation With Gene Expression of Novel DNA Methylation Loci for Blood Pressure. <i>Hypertension</i> , 2020, 76, 195-205.	2.7	33
51	Pleiotropic effects of obesity-susceptibility loci on metabolic traits: a meta-analysis of up to 37,874 individuals. <i>Diabetologia</i> , 2013, 56, 2134-2146.	6.3	32
52	GWAS identifies an NAT2 acetylator status tag single nucleotide polymorphism to be a major locus for skin fluorescence. <i>Diabetologia</i> , 2014, 57, 1623-1634.	6.3	32
53	The association between various smoking behaviors, cotinine biomarkers and skin autofluorescence, a marker for advanced glycation end product accumulation. <i>PLoS ONE</i> , 2017, 12, e0179330.	2.5	30
54	Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , 2021, 12, 7174.	12.8	30

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55	Epigenome-wide association study of incident type 2 diabetes: a meta-analysis of five prospective European cohorts. <i>Diabetologia</i> , 2022, 65, 763-776.	6.3	28
56	Genetic variation in the hypothalamic pathways and its role on obesity. <i>Obesity Reviews</i> , 2009, 10, 593-609.	6.5	23
57	The effects of bariatric surgery on clinical profile, DNA methylation, and ageing in severely obese patients. <i>Clinical Epigenetics</i> , 2020, 12, 14.	4.1	23
58	Identification of TUB as a Novel Candidate Gene Influencing Body Weight in Humans. <i>Diabetes</i> , 2006, 55, 385-389.	0.6	22
59	Upstream transcription factor 1 (USF1) in risk of type 2 diabetes: Association study in 2000 Dutch Caucasians. <i>Molecular Genetics and Metabolism</i> , 2008, 94, 352-355.	1.1	22
60	Polymorphisms of the TUB Gene Are Associated with Body Composition and Eating Behavior in Middle-Aged Women. <i>PLoS ONE</i> , 2008, 3, e1405.	2.5	22
61	HHEX gene polymorphisms are associated with type 2 diabetes in the Dutch Breda cohort. <i>European Journal of Human Genetics</i> , 2008, 16, 652-656.	2.8	21
62	An epigenome-wide association study identifies multiple DNA methylation markers of exposure to endocrine disruptors. <i>Environment International</i> , 2020, 144, 106016.	10.0	21
63	Exposure to Endocrine Disrupting Chemicals in the Dutch general population is associated with adiposity-related traits. <i>Scientific Reports</i> , 2020, 10, 9311.	3.3	21
64	Development and Interlaboratory Validation of Two Fast UPLC-MS-MS Methods Determining Urinary Bisphenols, Parabens and Phthalates. <i>Journal of Analytical Toxicology</i> , 2019, 43, 452-464.	2.8	20
65	Endocrine disrupting chemicals during diet-induced weight loss – A post-hoc analysis of the LOWER study. <i>Environmental Research</i> , 2021, 192, 110262.	7.5	15
66	Genetic association analysis of 13 nuclear-encoded mitochondrial candidate genes with type II diabetes mellitus: the DAMAGE study. <i>European Journal of Human Genetics</i> , 2009, 17, 1056-1062.	2.8	14
67	TUB gene expression in hypothalamus and adipose tissue and its association with obesity in humans. <i>International Journal of Obesity</i> , 2018, 42, 376-383.	3.4	14
68	Exposure to disinfection byproducts and risk of type 2 diabetes: a nested case-control study in the HUNT and Lifelines cohorts. <i>Metabolomics</i> , 2019, 15, 60.	3.0	14
69	Variants in Neuropeptide Y Receptor 1 and 5 Are Associated with Nutrient-Specific Food Intake and Are Under Recent Selection in Europeans. <i>PLoS ONE</i> , 2009, 4, e7070.	2.5	13
70	TUB is a candidate gene for late-onset obesity in women. <i>Diabetologia</i> , 2008, 51, 54-61.	6.3	12
71	Association between 9p21 genetic variants and mortality risk in a prospective cohort of patients with type 2 diabetes (ZODIAC-15). <i>Cardiovascular Diabetology</i> , 2012, 11, 138.	6.8	11
72	Genetic association analysis of LARS2 with type 2 diabetes. <i>Diabetologia</i> , 2010, 53, 103-110.	6.3	10

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73	New Locus for Skin Intrinsic Fluorescence in Type 1 Diabetes Also Associated With Blood and Skin Glycated Proteins. <i>Diabetes</i> , 2016, 65, 2060-2071.	0.6	10
74	Temporal exposure and consistency of endocrine disrupting chemicals in a longitudinal study of individuals with impaired fasting glucose. <i>Environmental Research</i> , 2021, 197, 110901.	7.5	10
75	Fine mapping the CETP region reveals a common intronic insertion associated to HDL-C. <i>Npj Aging and Mechanisms of Disease</i> , 2015, 1, 15011.	4.5	8
76	Is the adiposity-associated <i>FTO</i> gene variant related to all-cause mortality independent of adiposity? Meta-analysis of data from 169,551 Caucasian adults. <i>Obesity Reviews</i> , 2015, 16, 327-340.	6.5	8
77	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. <i>Nature Communications</i> , 2021, 12, 7173.	12.8	8
78	Influence of Storage and Inter- and Intra-Assay Variability on the Measurement of Inflammatory Biomarkers in Population-Based Biobanking. <i>Biopreservation and Biobanking</i> , 2017, 15, 512-518.	1.0	3