

Marie-France Hivert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1317944/publications.pdf>

Version: 2024-02-01

212
papers

12,862
citations

38742
50
h-index

30087
103
g-index

217
all docs

217
docs citations

217
times ranked

19428
citing authors

#	ARTICLE	IF	CITATIONS
1	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
2	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012, 44, 659-669.	21.4	762
3	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016, 98, 680-696.	6.2	717
4	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. <i>Nature Genetics</i> , 2010, 42, 142-148.	21.4	591
5	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
6	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.	21.4	402
7	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018, 50, 559-571.	21.4	356
8	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
9	Impact of Type 2 Diabetes Susceptibility Variants on Quantitative Glycemic Traits Reveals Mechanistic Heterogeneity. <i>Diabetes</i> , 2014, 63, 2158-2171.	0.6	297
10	Detailed Physiologic Characterization Reveals Diverse Mechanisms for Novel Genetic Loci Regulating Glucose and Insulin Metabolism in Humans. <i>Diabetes</i> , 2010, 59, 1266-1275.	0.6	237
11	Associations of Adiponectin, Resistin, and Tumor Necrosis Factor- α with Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3165-3172.	3.6	229
12	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1129.	7.4	220
13	Gestational diabetes mellitus epigenetically affects genes predominantly involved in metabolic diseases. <i>Epigenetics</i> , 2013, 8, 935-943.	2.7	217
14	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. <i>Human Molecular Genetics</i> , 2017, 26, 4067-4085.	2.9	211
15	Precision Medicine in Diabetes: A Consensus Report From the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetes Care</i> , 2020, 43, 1617-1635.	8.6	204
16	Genetic Evidence for a Normal-Weight "Metabolically Obese" Phenotype Linking Insulin Resistance, Hypertension, Coronary Artery Disease, and Type 2 Diabetes. <i>Diabetes</i> , 2014, 63, 4369-4377.	0.6	185
17	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015, 6, 5897.	12.8	173
18	Updated Genetic Score Based on 34 Confirmed Type 2 Diabetes Loci Is Associated With Diabetes Incidence and Regression to Normoglycemia in the Diabetes Prevention Program. <i>Diabetes</i> , 2011, 60, 1340-1348.	0.6	172

#	ARTICLE	IF	CITATIONS
19	Genome-wide association study of offspring birth weight in 86,577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. <i>Human Molecular Genetics</i> , 2018, 27, 742-756.	2.9	156
20	Common Variants in the Adiponectin Gene (<i>ADIPOQ</i>) Associated With Plasma Adiponectin Levels, Type 2 Diabetes, and Diabetes-Related Quantitative Traits. <i>Diabetes</i> , 2008, 57, 3353-3359.	0.6	147
21	Clear detection of <i>ADIPOQ</i> locus as the major gene for plasma adiponectin: Results of genome-wide association analyses including 4659 European individuals. <i>Atherosclerosis</i> , 2010, 208, 412-420.	0.8	146
22	Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium. <i>Diabetes Care</i> , 2020, 43, 98-105.	8.6	145
23	Heterogeneous Contribution of Insulin Sensitivity and Secretion Defects to Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2016, 39, 1052-1055.	8.6	142
24	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019, 10, 1893.	12.8	140
25	The nasal methylome as a biomarker of asthma and airway inflammation in children. <i>Nature Communications</i> , 2019, 10, 3095.	12.8	129
26	Polygenic Type 2 Diabetes Prediction at the Limit of Common Variant Detection. <i>Diabetes</i> , 2014, 63, 2172-2182.	0.6	127
27	Identification of <i>HKDC1</i> and <i>BACE2</i> as Genes Influencing Glycemic Traits During Pregnancy Through Genome-Wide Association Studies. <i>Diabetes</i> , 2013, 62, 3282-3291.	0.6	119
28	Association of Variants in <i>RETN</i> With Plasma Resistin Levels and Diabetes-Related Traits in the Framingham Offspring Study. <i>Diabetes</i> , 2009, 58, 750-756.	0.6	107
29	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018, 47, 22-23u.	1.9	105
30	Lower Adiponectin Levels at First Trimester of Pregnancy Are Associated With Increased Insulin Resistance and Higher Risk of Developing Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2013, 36, 1577-1583.	8.6	102
31	Precision medicine in diabetes: a Consensus Report from the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetologia</i> , 2020, 63, 1671-1693.	6.3	102
32	Leptin and adiponectin DNA methylation levels in adipose tissues and blood cells are associated with BMI, waist girth and LDL-cholesterol levels in severely obese men and women. <i>BMC Medical Genetics</i> , 2015, 16, 29.	2.1	96
33	Persistent DNA methylation changes associated with prenatal mercury exposure and cognitive performance during childhood. <i>Scientific Reports</i> , 2017, 7, 288.	3.3	95
34	Plasma Concentrations of Per- and Polyfluoroalkyl Substances at Baseline and Associations with Glycemic Indicators and Diabetes Incidence among High-Risk Adults in the Diabetes Prevention Program Trial. <i>Environmental Health Perspectives</i> , 2017, 125, 107001.	6.0	88
35	Adaptations of placental and cord blood <i>ABCA1</i> DNA methylation profile to maternal metabolic status. <i>Epigenetics</i> , 2013, 8, 1289-1302.	2.7	86
36	Per- and polyfluoroalkyl substances and blood lipid levels in pre-diabetic adults—longitudinal analysis of the diabetes prevention program outcomes study. <i>Environment International</i> , 2019, 129, 343-353.	10.0	80

#	ARTICLE	IF	CITATIONS
37	Healthy Lifestyle Interventions to Combat Noncommunicable Disease: A Novel Nonhierarchical Connectivity Model for Key Stakeholders: A Policy Statement From the American Heart Association, European Society of Cardiology, European Association for Cardiovascular Prevention and Rehabilitation, and American College of Preventive Medicine. <i>Mayo Clinic Proceedings</i> , 2015, 90, 1082-1103.	3.0	77
38	Epigenome-Wide Association Study of Incident Type 2 Diabetes in a British Population: EPIC-Norfolk Study. <i>Diabetes</i> , 2019, 68, 2315-2326.	0.6	77
39	Hypertensive Disorders of Pregnancy and DNA Methylation in Newborns. <i>Hypertension</i> , 2019, 74, 375-383.	2.7	73
40	Medical Training to Achieve Competency in Lifestyle Counseling: An Essential Foundation for Prevention and Treatment of Cardiovascular Diseases and Other Chronic Medical Conditions: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2016, 134, e308-e327.	1.6	71
41	Genetics of Glucose regulation in Gestation and Growth (Gen3G): a prospective prebirth cohort of mother-child pairs in Sherbrooke, Canada. <i>BMJ Open</i> , 2016, 6, e010031.	1.9	67
42	PPARGC1 β gene DNA methylation variations in human placenta mediate the link between maternal hyperglycemia and leptin levels in newborns. <i>Clinical Epigenetics</i> , 2016, 8, 72.	4.1	66
43	Diabetes Risk Perception and Intention to Adopt Healthy Lifestyles Among Primary Care Patients. <i>Diabetes Care</i> , 2009, 32, 1820-1822.	8.6	64
44	Identifying primary care patients at risk for future diabetes and cardiovascular disease using electronic health records. <i>BMC Health Services Research</i> , 2009, 9, 170.	2.2	63
45	Greater early and mid-pregnancy gestational weight gains are associated with excess adiposity in mid-childhood. <i>Obesity</i> , 2016, 24, 1546-1553.	3.0	62
46	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , 2019, 10, 2581.	12.8	62
47	Birth weight-for-gestational age is associated with DNA methylation at birth and in childhood. <i>Clinical Epigenetics</i> , 2016, 8, 118.	4.1	61
48	Maternal alcohol consumption and offspring DNA methylation: findings from six general population-based birth cohorts. <i>Epigenomics</i> , 2018, 10, 27-42.	2.1	58
49	Prenatal Exposure to Mercury: Associations with Global DNA Methylation and Hydroxymethylation in Cord Blood and in Childhood. <i>Environmental Health Perspectives</i> , 2017, 125, 087022.	6.0	57
50	Trans-ethnic Meta-analysis and Functional Annotation Illuminates the Genetic Architecture of Fasting Glucose and Insulin. <i>American Journal of Human Genetics</i> , 2016, 99, 56-75.	6.2	55
51	Susceptibility to type 2 diabetes mellitus—from genes to prevention. <i>Nature Reviews Endocrinology</i> , 2014, 10, 198-205.	9.6	54
52	Association of Perfluoroalkyl and Polyfluoroalkyl Substances With Adiposity. <i>JAMA Network Open</i> , 2018, 1, e181493.	5.9	54
53	ADA/EASD Precision Medicine in Diabetes Initiative: An International Perspective and Future Vision for Precision Medicine in Diabetes. <i>Diabetes Care</i> , 2022, 45, 261-266.	8.6	53
54	Associations of Perfluoroalkyl and Polyfluoroalkyl Substances With Incident Diabetes and Microvascular Disease. <i>Diabetes Care</i> , 2019, 42, 1824-1832.	8.6	49

#	ARTICLE	IF	CITATIONS
55	Mediation by Placental DNA Methylation of the Association of Prenatal Maternal Smoking and Birth Weight. <i>American Journal of Epidemiology</i> , 2019, 188, 1878-1886.	3.4	48
56	Developmental programming: State of the science and future directions – Summary from a Pennington Biomedical symposium. <i>Obesity</i> , 2016, 24, 1018-1026.	3.0	47
57	Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes. <i>Human Molecular Genetics</i> , 2022, 31, 3377-3391.	2.9	47
58	Patterns of body mass index milestones in early life and cardiometabolic risk in early adolescence. <i>International Journal of Epidemiology</i> , 2019, 48, 157-167.	1.9	45
59	Epigenetic age acceleration is associated with allergy and asthma in children in Project Viva. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2263-2270.e14.	2.9	43
60	Neighborhood Child Opportunity Index and Adolescent Cardiometabolic Risk. <i>Pediatrics</i> , 2021, 147, .	2.1	43
61	Sustainable food systems and nutrition in the 21st century: a report from the 22nd annual Harvard Nutrition Obesity Symposium. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 18-33.	4.7	43
62	Validation of a DNA methylation reference panel for the estimation of nucleated cells types in cord blood. <i>Epigenetics</i> , 2016, 11, 773-779.	2.7	42
63	Placental DNA Methylation Adaptation to Maternal Glycemic Response in Pregnancy. <i>Diabetes</i> , 2018, 67, 1673-1683.	0.6	42
64	Primary Prevention of ASCVD and T2DM in Patients at Metabolic Risk: An Endocrine Society* Clinical Practice Guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3939-3985.	3.6	42
65	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. <i>Genome Medicine</i> , 2020, 12, 105.	8.2	41
66	Placental DNA methylation signatures of maternal smoking during pregnancy and potential impacts on fetal growth. <i>Nature Communications</i> , 2021, 12, 5095.	12.8	41
67	Higher maternal leptin levels at second trimester are associated with subsequent greater gestational weight gain in late pregnancy. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 62.	2.4	40
68	Associations of Prenatal and Postnatal Maternal Depressive Symptoms with Offspring Cognition and Behavior in Mid-Childhood: A Prospective Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1007.	2.6	40
69	Who will deliver comprehensive healthy lifestyle interventions to combat non-communicable disease? Introducing the healthy lifestyle practitioner discipline. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 15-22.	1.5	39
70	First and second trimester gestational weight gains are most strongly associated with cord blood levels of hormones at delivery important for glycemic control and somatic growth. <i>Metabolism: Clinical and Experimental</i> , 2017, 69, 112-119.	3.4	38
71	Placental lipoprotein lipase DNA methylation alterations are associated with gestational diabetes and body composition at 5 years of age. <i>Epigenetics</i> , 2017, 12, 616-625.	2.7	38
72	Timing of Complementary Feeding Introduction and Adiposity Throughout Childhood. <i>Pediatrics</i> , 2019, 144, .	2.1	38

#	ARTICLE	IF	CITATIONS
73	Epigenetic dysregulation of the IGF system in placenta of newborns exposed to maternal impaired glucose tolerance. <i>Epigenomics</i> , 2014, 6, 193-207.	2.1	37
74	DNA methylation of blood cells is associated with prevalent type 2 diabetes in a meta-analysis of four European cohorts. <i>Clinical Epigenetics</i> , 2021, 13, 40.	4.1	37
75	Pre-, Perinatal, and Parental Predictors of Body Mass Index Trajectory Milestones. <i>Journal of Pediatrics</i> , 2018, 201, 69-77.e8.	1.8	36
76	Association of Weight for Length vs Body Mass Index During the First 2 Years of Life With Cardiometabolic Risk in Early Adolescence. <i>JAMA Network Open</i> , 2018, 1, e182460.	5.9	35
77	Maternal lipid profile differs by gestational diabetes physiologic subtype. <i>Metabolism: Clinical and Experimental</i> , 2019, 91, 39-42.	3.4	35
78	TNF $\hat{\pm}$ Dynamics During the Oral Glucose Tolerance Test Vary According to the Level of Insulin Resistance in Pregnant Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1862-1869.	3.6	34
79	Lifestyle and Metformin Ameliorate Insulin Sensitivity Independently of the Genetic Burden of Established Insulin Resistance Variants in Diabetes Prevention Program Participants. <i>Diabetes</i> , 2016, 65, 520-526.	0.6	34
80	Interplay of Placental DNA Methylation and Maternal Insulin Sensitivity in Pregnancy. <i>Diabetes</i> , 2020, 69, 484-492.	0.6	34
81	Mendelian Randomization Analysis of Hemoglobin A1c as a Risk Factor for Coronary Artery Disease. <i>Diabetes Care</i> , 2019, 42, 1202-1208.	8.6	33
82	Branched Chain Amino Acids, Androgen Hormones, and Metabolic Risk Across Early Adolescence: A Prospective Study in Project Viva. <i>Obesity</i> , 2018, 26, 916-926.	3.0	31
83	The association of tumor necrosis factor $\hat{\pm}$ receptor 2 and tumor necrosis factor $\hat{\pm}$ with insulin resistance and the influence of adipose tissue biomarkers in humans. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 540-546.	3.4	30
84	Cross-tissue comparisons of leptin and adiponectin. <i>Adipocyte</i> , 2014, 3, 132-140.	2.8	30
85	Genetic Determinants of Glycemic Traits and the Risk of Gestational Diabetes Mellitus. <i>Diabetes</i> , 2018, 67, 2703-2709.	0.6	30
86	Defining Heterogeneity Among Women With Gestational Diabetes Mellitus. <i>Diabetes</i> , 2020, 69, 2064-2074.	0.6	29
87	Dietary characteristics associated with plasma concentrations of per- and polyfluoroalkyl substances among adults with pre-diabetes: Cross-sectional results from the Diabetes Prevention Program Trial. <i>Environment International</i> , 2020, 137, 105217.	10.0	28
88	Prospective Associations of Early Pregnancy Metal Mixtures with Mitochondria DNA Copy Number and Telomere Length in Maternal and Cord Blood. <i>Environmental Health Perspectives</i> , 2021, 129, 117007.	6.0	28
89	Preeclampsia is associated with an increased pro-inflammatory profile in newborns. <i>Journal of Reproductive Immunology</i> , 2015, 112, 111-114.	1.9	27
90	Early pregnancy exposure to metal mixture and birth outcomes – A prospective study in Project Viva. <i>Environment International</i> , 2021, 156, 106714.	10.0	27

#	ARTICLE	IF	CITATIONS
91	Early-pregnancy plasma per- and polyfluoroalkyl substance (PFAS) concentrations and hypertensive disorders of pregnancy in the Project Viva cohort. <i>Environment International</i> , 2022, 165, 107335.	10.0	27
92	Leptin trajectories from birth to mid-childhood and cardio-metabolic health in early adolescence. <i>Metabolism: Clinical and Experimental</i> , 2019, 91, 30-38.	3.4	26
93	Longitudinal Changes in the Relationship Between Hemoglobin A1c and Glucose Tolerance Across Pregnancy and Postpartum. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1999-e2007.	3.6	26
94	<i>LRP1B, BRD2</i> and <i>CACNA1D</i> : new candidate genes in fetal metabolic programming of newborns exposed to maternal hyperglycemia. <i>Epigenomics</i> , 2015, 7, 1111-1122.	2.1	24
95	Per- and polyfluoroalkyl substances and blood pressure in pre-diabetic adults—cross-sectional and longitudinal analyses of the diabetes prevention program outcomes study. <i>Environment International</i> , 2020, 137, 105573.	10.0	24
96	Maternal anxiety during pregnancy and newborn epigenome-wide DNA methylation. <i>Molecular Psychiatry</i> , 2021, 26, 1832-1845.	7.9	24
97	Per- and polyfluoroalkyl substances and kidney function: Follow-up results from the Diabetes Prevention Program trial. <i>Environment International</i> , 2021, 148, 106375.	10.0	24
98	Temporal trends of concentrations of per- and polyfluoroalkyl substances among adults with overweight and obesity in the United States: Results from the Diabetes Prevention Program and NHANES. <i>Environment International</i> , 2021, 157, 106789.	10.0	24
99	Lifestyle interventions in pregnancy targeting GDM prevention: looking ahead to precision medicine. <i>Diabetologia</i> , 2022, 65, 1814-1824.	6.3	24
100	Gestational Perfluoroalkyl Substance Exposure and DNA Methylation at Birth and 12 Years of Age: A Longitudinal Epigenome-Wide Association Study. <i>Environmental Health Perspectives</i> , 2022, 130, 37005.	6.0	24
101	Peripheral Blood Transcriptomic Signatures of Fasting Glucose and Insulin Concentrations. <i>Diabetes</i> , 2016, 65, 3794-3804.	0.6	22
102	funtooNorm: an R package for normalization of DNA methylation data when there are multiple cell or tissue types. <i>Bioinformatics</i> , 2016, 32, 593-595.	4.1	22
103	Associations of prenatal or infant exposure to acetaminophen or ibuprofen with mid-childhood executive function and behaviour. <i>Paediatric and Perinatal Epidemiology</i> , 2020, 34, 287-298.	1.7	22
104	Metabolomic Profiles of Overweight/Obesity Phenotypes During Adolescence: A Cross-Sectional Study in Project Viva. <i>Obesity</i> , 2020, 28, 379-387.	3.0	22
105	Hypertensive Disorders of Pregnancy and Offspring Cardiometabolic Health at Midchildhood: Project Viva Findings. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	21
106	Characterization of longitudinal wheeze phenotypes from infancy to adolescence in Project Viva, a prebirth cohort study. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 716-719.e8.	2.9	21
107	Higher Adiponectin Levels Predict Greater Weight Gain in Healthy Women in the Nurses' Health Study. <i>Obesity</i> , 2011, 19, 409-415.	3.0	20
108	Timing of Excessive Weight Gain During Pregnancy Modulates Newborn Anthropometry. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2016, 38, 108-117.	0.7	20

#	ARTICLE	IF	CITATIONS
109	Early-Life Exposures and Risk of Diabetes Mellitus and Obesity. <i>Current Diabetes Reports</i> , 2018, 18, 89.	4.2	20
110	Diet and erythrocyte metal concentrations in early pregnancy – cross-sectional analysis in Project Viva. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 540-549.	4.7	20
111	Prenatal metal exposure, cord blood DNA methylation and persistence in childhood: an epigenome-wide association study of 12 metals. <i>Clinical Epigenetics</i> , 2021, 13, 208.	4.1	20
112	Mediation Analysis Supports a Causal Relationship between Maternal Hyperglycemia and Placental DNA Methylation Variations at the Leptin Gene Locus and Cord Blood Leptin Levels. <i>International Journal of Molecular Sciences</i> , 2020, 21, 329.	4.1	19
113	Maternal Glycemic Dysregulation During Pregnancy and Neonatal Blood DNA Methylation: Meta-analyses of Epigenome-Wide Association Studies. <i>Diabetes Care</i> , 2022, 45, 614-623.	8.6	19
114	Cord blood DNA methylation and adiposity measures in early and mid-childhood. <i>Clinical Epigenetics</i> , 2017, 9, 86.	4.1	18
115	Associations of Gestational Glucose Tolerance With Offspring Body Composition and Estimated Insulin Resistance in Early Adolescence. <i>Diabetes Care</i> , 2018, 41, e164-e166.	8.6	18
116	DNA methylation mediates the association between breastfeeding and early-life growth trajectories. <i>Clinical Epigenetics</i> , 2021, 13, 231.	4.1	18
117	Metabolic trajectories across early adolescence: differences by sex, weight, pubertal status and race/ethnicity. <i>Annals of Human Biology</i> , 2019, 46, 205-214.	1.0	17
118	Polygenic risk score for obesity and the quality, quantity, and timing of workplace food purchases: A secondary analysis from the ChooseWell 365 randomized trial. <i>PLoS Medicine</i> , 2020, 17, e1003219.	8.4	17
119	Human plasma pregnancy-associated miRNAs and their temporal variation within the first trimester of pregnancy. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 14.	3.3	17
120	Early Infant Nutrition and Metabolic Programming: What Are the Potential Molecular Mechanisms?. <i>Current Nutrition Reports</i> , 2014, 3, 281-288.	4.3	16
121	Parent-of-Origin Effects of the APOB Gene on Adiposity in Young Adults. <i>PLoS Genetics</i> , 2015, 11, e1005573.	3.5	16
122	Pregnancy Per- and Polyfluoroalkyl Substance Concentrations and Postpartum Health in Project Viva: A Prospective Cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3415-e3426.	3.6	16
123	The Obesity-Fertility Protocol: a randomized controlled trial assessing clinical outcomes and costs of a transferable interdisciplinary lifestyle intervention, before and during pregnancy, in obese infertile women. <i>BMC Obesity</i> , 2015, 2, 47.	3.1	15
124	A qualitative study of gestational weight gain goal setting. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 317.	2.4	15
125	Associations of maternal prenatal smoking with umbilical cord blood hormones: the Project Viva cohort. <i>Metabolism: Clinical and Experimental</i> , 2017, 72, 18-26.	3.4	15
126	Supporting healthful lifestyles during pregnancy: a health coach intervention pilot study. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 375.	2.4	15

#	ARTICLE	IF	CITATIONS
127	Comparison of Illumina 450K and EPIC arrays in placental DNA methylation. <i>Epigenetics</i> , 2019, 14, 1177-1182.	2.7	15
128	Self-Monitoring of Blood Glucose: A Complementary Method Beyond the Oral Glucose Tolerance Test to Identify Hyperglycemia During Pregnancy. <i>Canadian Journal of Diabetes</i> , 2019, 43, 627-635.	0.8	14
129	Early life exposure to green space and insulin resistance: An assessment from infancy to early adolescence. <i>Environment International</i> , 2020, 142, 105849.	10.0	14
130	A Polygenic Lipodystrophy Genetic Risk Score Characterizes Risk Independent of BMI in the Diabetes Prevention Program. <i>Journal of the Endocrine Society</i> , 2019, 3, 1663-1677.	0.2	13
131	Early pregnancy essential and non-essential metal mixtures and gestational glucose concentrations in the 2nd trimester: Results from project viva. <i>Environment International</i> , 2021, 155, 106690.	10.0	13
132	Analysis of Early-Life Growth and Age at Pubertal Onset in US Children. <i>JAMA Network Open</i> , 2022, 5, e2146873.	5.9	13
133	Genetic ancestry markers and difference in A1c between African-American and White in the Diabetes Prevention Program. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 328-336.	3.6	12
134	Impact of Genetic Determinants of HbA1c on Type 2 Diabetes Risk and Diagnosis. <i>Current Diabetes Reports</i> , 2018, 18, 52.	4.2	12
135	Placental surface area mediates the association between FGFR2 methylation in placenta and full-term low birth weight in girls. <i>Clinical Epigenetics</i> , 2018, 10, 39.	4.1	12
136	Locus-specific DNA methylation prediction in cord blood and placenta. <i>Epigenetics</i> , 2019, 14, 405-420.	2.7	12
137	Detecting differentially methylated regions with multiple distinct associations. <i>Epigenomics</i> , 2021, 13, 451-464.	2.1	12
138	Calcifediol Decreases Interleukin-6 Secretion by Cultured Human Trophoblasts From GDM Pregnancies. <i>Journal of the Endocrine Society</i> , 2019, 3, 2165-2178.	0.2	11
139	Per- and polyfluoroalkyl substances and calcifications of the coronary and aortic arteries in adults with prediabetes: Results from the diabetes prevention program outcomes study. <i>Environment International</i> , 2021, 151, 106446.	10.0	11
140	DNA methylation changes associated with prenatal mercury exposure: A meta-analysis of prospective cohort studies from PACE consortium. <i>Environmental Research</i> , 2022, 204, 112093.	7.5	11
141	Gestational Diabetes Mellitus Identification Based on Self-Monitoring of Blood Glucose. <i>Canadian Journal of Diabetes</i> , 2015, 39, 162-168.	0.8	10
142	Training Health Professionals to Deliver Healthy Living Medicine. <i>Progress in Cardiovascular Diseases</i> , 2017, 59, 471-478.	3.1	10
143	Genetic determinants of adiponectin regulation revealed by pregnancy. <i>Obesity</i> , 2017, 25, 935-944.	3.0	10
144	Comparison of novel and existing methods for detecting differentially methylated regions. <i>BMC Genetics</i> , 2018, 19, 84.	2.7	10

#	ARTICLE	IF	CITATIONS
145	Genetic Loci and Physiologic Pathways Involved in Gestational Diabetes Mellitus Implicated Through Clustering. <i>Diabetes</i> , 2021, 70, 268-281.	0.6	10
146	Residential PM2.5 exposure and the nasal methylome in children. <i>Environment International</i> , 2021, 153, 106505.	10.0	10
147	Early life exposure to greenness and executive function and behavior: An application of inverse probability weighting of marginal structural models. <i>Environmental Pollution</i> , 2021, 291, 118208.	7.5	10
148	HNF1 β defect influences post-prandial lipid regulation. <i>PLoS ONE</i> , 2017, 12, e0177110.	2.5	10
149	Tissue differences in DNA methylation changes at AHRR in full term low birth weight in maternal blood, placenta and cord blood in Chinese. <i>Placenta</i> , 2017, 52, 49-57.	1.5	9
150	Associations of prenatal exposure to impaired glucose tolerance with eating in the absence of hunger in early adolescence. <i>International Journal of Obesity</i> , 2019, 43, 1903-1913.	3.4	9
151	Placental Epigenome-Wide Association Study Identified Loci Associated with Childhood Adiposity at 3 Years of Age. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7201.	4.1	9
152	Separating Algorithms From Questions and Causal Inference With Unmeasured Exposures: An Application to Birth Cohort Studies of Early Body Mass Index Rebound. <i>American Journal of Epidemiology</i> , 2021, 190, 1414-1423.	3.4	9
153	Dietary fat intake during early pregnancy is associated with cord blood DNA methylation at <i>IGF2</i> and <i>H19</i> genes in newborns. <i>Environmental and Molecular Mutagenesis</i> , 2021, 62, 388-398.	2.2	9
154	Impact of the Creation of a Specialized Clinic for Prenatal Blood Sampling and Follow-up Care in Pregnant Women. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2012, 34, 236-242.	0.7	8
155	Parental Obesity and Offspring Pubertal Development: Project Viva. <i>Journal of Pediatrics</i> , 2019, 215, 123-131.e2.	1.8	8
156	DNA methylation at <i>LRP1</i> gene locus mediates the association between maternal total cholesterol changes in pregnancy and cord blood leptin levels. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 369-378.	1.4	8
157	Childhood patterns of overweight and wheeze and subsequent risk of current asthma and obesity in adolescence. <i>Paediatric and Perinatal Epidemiology</i> , 2021, 35, 569-577.	1.7	8
158	Maternal Mediterranean diet in pregnancy and newborn DNA methylation: a meta-analysis in the PACE Consortium. <i>Epigenetics</i> , 2022, 17, 1419-1431.	2.7	8
159	Mode of delivery, type of labor, and measures of adiposity from childhood to teenage: Project Viva. <i>International Journal of Obesity</i> , 2021, 45, 36-44.	3.4	7
160	Maternal glucose tolerance in pregnancy and child cognitive and behavioural problems in early and mid-childhood. <i>Paediatric and Perinatal Epidemiology</i> , 2021, 35, 109-119.	1.7	7
161	Per- and polyfluoroalkyl substance plasma concentrations and metabolomic markers of type 2 diabetes in the Diabetes Prevention Program trial. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 232, 113680.	4.3	7
162	Physiological subtypes of gestational glucose intolerance and risk of adverse pregnancy outcomes. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 241.e1-241.e14.	1.3	7

#	ARTICLE	IF	CITATIONS
163	Mid-Pregnancy Fructosamine Measurementâ€™ Predictive Value for Gestational Diabetes and Association with Postpartum Glycemic Indices. <i>Nutrients</i> , 2018, 10, 2003.	4.1	6
164	Maternal corticotropin-releasing hormone is associated with LEP DNA methylation at birth and in childhood: an epigenome-wide study in Project Viva. <i>International Journal of Obesity</i> , 2019, 43, 1244-1255.	3.4	6
165	Associations of sleep duration, sedentary behaviours and energy expenditure with maternal glycemia in pregnancy. <i>Sleep Medicine</i> , 2020, 65, 54-61.	1.6	6
166	Associations of Early Parental Concerns and Feeding Behaviors with Childâ€™s Diet Quality through Mid-Childhood. <i>Nutrients</i> , 2020, 12, 3231.	4.1	6
167	First trimester plasma microRNAs levels predict Matsuda Index-estimated insulin sensitivity between 24th and 29th week of pregnancy. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002703.	2.8	6
168	Association of cowâ€™s milk intake in early childhood with adiposity and cardiometabolic risk in early adolescence. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 561-571.	4.7	6
169	DNA Methylation and Type 2 Diabetes: the Use of Mendelian Randomization to Assess Causality. <i>Current Genetic Medicine Reports</i> , 2019, 7, 191-207.	1.9	5
170	Evidence-Based Policy Making for Public Health Interventions in Cardiovascular Diseases: Formally Assessing the Feasibility of Clinical Trials. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e006378.	2.2	5
171	Epigenome-wide association study of maternal hemoglobin A1c in pregnancy and cord blood DNA methylation. <i>Epigenomics</i> , 2021, 13, 203-218.	2.1	5
172	Comparative epigenome-wide analysis highlights placenta-specific differentially methylated regions. <i>Epigenomics</i> , 2021, 13, 357-368.	2.1	5
173	Maternal glucose in pregnancy is associated with child's adiposity and leptin at 5â€™ years of age. <i>Pediatric Obesity</i> , 2021, 16, e12788.	2.8	5
174	Detecting cord blood cell type-specific epigenetic associations with gestational diabetes mellitus and early childhood growth. <i>Clinical Epigenetics</i> , 2021, 13, 131.	4.1	5
175	SAT-123 Burden of Type 2 Diabetes Genetic Risk Alleles Differs Among Physiologic Subtypes of Gestational Diabetes Mellitus. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	5
176	Association of mode of delivery with offspring pubertal development in Project Viva: a prospective pre-birth cohort study in the USA. <i>Human Reproduction</i> , 2021, 37, 54-65.	0.9	5
177	Cesarean delivery and metabolic health and inflammation biomarkers during mid-childhood and early adolescence. <i>Pediatric Research</i> , 2022, 91, 672-680.	2.3	4
178	Placental miR-3940-3p is Associated With Maternal Insulin Resistance in Late Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 3526-3535.	3.6	4
179	Early-pregnancy maternal body mass index is associated with common DNA methylation markers in cord blood and placenta: a paired-tissue epigenome-wide association study. <i>Epigenetics</i> , 2022, 17, 808-818.	2.7	4
180	Genetic risk for obesity and the effectiveness of the ChooseWell 365 workplace intervention to prevent weight gain and improve dietary choices. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 180-188.	4.7	4

#	ARTICLE	IF	CITATIONS
181	Menstrual cycle length and adverse pregnancy outcomes among women in Project Viva. <i>Paediatric and Perinatal Epidemiology</i> , 2022, 36, 347-355.	1.7	4
182	Glycation of Fetal Hemoglobin Reflects Hyperglycemia Exposure In Utero. <i>Diabetes Care</i> , 2014, 37, 2830-2833.	8.6	3
183	Examination of Pathways Linking Maternal Glycemia During Pregnancy and Increased Risk for Type 2 Diabetes in Offspring. <i>Canadian Journal of Diabetes</i> , 2015, 39, 443-444.	0.8	3
184	Insulin Resistant Gestational Glucose Intolerance Is Associated With Adverse Perinatal Outcomes. <i>Journal of the Endocrine Society</i> , 2021, 5, A434-A434.	0.2	3
185	Associations between an integrated component of maternal glycemic regulation in pregnancy and cord blood DNA methylation. <i>Epigenomics</i> , 2021, 13, 1459-1472.	2.1	3
186	A prospective study of maternal adiposity and glycemic traits across pregnancy and mid-childhood metabolomic profiles. <i>International Journal of Obesity</i> , 2021, 45, 860-869.	3.4	3
187	Association of Mode of Obstetric Delivery With Child and Adolescent Body Composition. <i>JAMA Network Open</i> , 2021, 4, e2125161.	5.9	3
188	Maternal inhaled fluticasone propionate intake during pregnancy is detected in neonatal cord blood. <i>Bioanalysis</i> , 2016, 8, 1441-1450.	1.5	2
189	354-OR: Physiologic Pathways in Pregnancy Glycemic Regulation Implicated through Genetic Clustering Analysis. <i>Diabetes</i> , 2019, 68, 354-OR.	0.6	2
190	Maternal Nutrition and Epigenetics in Early Life. <i>Current Nutrition Reports</i> , 2013, 2, 216-224.	4.3	1
191	Gut Microbiome Composition Is Associated with Blood Pressure in Mother-Child Pairs 5 Years After Birth. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa062_012.	0.3	1
192	Reaching women with obesity to support weight loss before pregnancy: feasibility and qualitative assessment. <i>Therapeutic Advances in Reproductive Health</i> , 2020, 14, 263349412090910.	2.1	1
193	Maternal Dietary Inflammatory Index in Pregnancy and Offspring Behavioral Problems in Mid-Childhood and Early Adolescence. <i>Biological Psychiatry</i> , 2021, 90, e73-e75.	1.3	1
194	Function-on-function regression for the identification of epigenetic regions exhibiting windows of susceptibility to environmental exposures. <i>Annals of Applied Statistics</i> , 2021, 15, .	1.1	1
195	Associations of maternal insulin resistance during pregnancy and offspring inflammation at birth and at 5Âyears of age: A prospective study in the Gen3G cohort. <i>Cytokine</i> , 2021, 146, 155636.	3.2	1
196	Network Approaches to Integrate Analyses of Genetics and Metabolomics Data with Applications to Fetal Programming Studies. <i>Metabolites</i> , 2022, 12, 512.	2.9	1
197	Update on the Role of Adipokines in Atherosclerosis and Cardiovascular Diseases. <i>Current Cardiovascular Risk Reports</i> , 2012, 6, 53-61.	2.0	0
198	Response to Comment on Vassy et al. Polygenic Type 2 Diabetes Prediction at the Limit of Common Variant Detection. <i>Diabetes</i> 2014;63:2172-2182. <i>Diabetes</i> , 2014, 63, e13-e13.	0.6	0

#	ARTICLE	IF	CITATIONS
199	Cardenas et al. Reply to "DNA Methylation and Prenatal Exposures". American Journal of Epidemiology, 2019, 188, 1890-1891.	3.4	0
200	A Prospective Investigation of Cesarean Birth with Total and Truncal Fat Mass in Early Adolescence. Current Developments in Nutrition, 2020, 4, nzaa054_111.	0.3	0
201	Association of Genome-Wide Genetic Risk for Obesity with the Quality, Quantity, and Timing of Workplace Food Purchases. Current Developments in Nutrition, 2020, 4, nzaa061_020.	0.3	0
202	Genetic Interactions with Intrauterine Diabetes Exposure in Relation to Obesity: The EPOCH and Project Viva Studies. Pediatric Reports, 2021, 13, 279-288.	1.3	0
203	Abstract 010: Favorable Associations of a Healthy Diet with Fasting Glucose or Insulin are Not Modified by Fasting Glucose- or Insulin-Associated Genotypes in 51,289 Non-Diabetic Individuals from 15 Cohorts. Circulation, 2012, 125, .	1.6	0
204	Abstract MP64: Associations of Pre-pregnancy BMI and Maternal Glycemia in Pregnancy With Maternal and Child Microbiome Five Years After Birth: Results From the Genetics of Glucose Regulation in Gestation and Growth (Gen3G) Prospective Cohort. Circulation, 2020, 141, .	1.6	0
205	Title is missing!. , 2020, 17, e1003219.		0
206	Title is missing!. , 2020, 17, e1003219.		0
207	Title is missing!. , 2020, 17, e1003219.		0
208	Title is missing!. , 2020, 17, e1003219.		0
209	Title is missing!. , 2020, 17, e1003219.		0
210	Title is missing!. , 2020, 17, e1003219.		0
211	Metabolomic Predictors of Dysglycemia in Two U.S. Youth Cohorts. Metabolites, 2022, 12, 404.	2.9	0
212	Associations of maternal glucose markers in pregnancy with cord blood glucocorticoids and child hair cortisol levels. Journal of Developmental Origins of Health and Disease, 2023, 14, 88-95.	1.4	0