

Marie-France Hivert

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

204 papers	8,720 citations	43 h-index	90 g-index
217 ext. papers	11,114 ext. citations	7.2 avg, IF	5.57 L-index

#	Paper	IF	Citations
204	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
203	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, 659-69	36.3	615
202	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. <i>Nature Genetics</i> , 2010 , 42, 142-8	36.3	527
201	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016 , 98, 680-96	11	489
200	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	6	326
199	Impact of type 2 diabetes susceptibility variants on quantitative glycemic traits reveals mechanistic heterogeneity. <i>Diabetes</i> , 2014 , 63, 2158-71	0.9	235
198	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	11.6	223
197	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018 , 50, 559-571	36.3	221
196	Detailed physiologic characterization reveals diverse mechanisms for novel genetic Loci regulating glucose and insulin metabolism in humans. <i>Diabetes</i> , 2010 , 59, 1266-75	0.9	211
195	Associations of adiponectin, resistin, and tumor necrosis factor-alpha with insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3165-72	5.6	202
194	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019 , 51, 804-814	36.3	181
193	Gestational diabetes mellitus epigenetically affects genes predominantly involved in metabolic diseases. <i>Epigenetics</i> , 2013 , 8, 935-43	5.7	178
192	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, 1340-8	0.9	153
191	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	5.6	151
190	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 1129-40	27.4	149
189	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015 , 6, 5897	17.4	147
188	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, 4369-77	0.9	131

187	Common variants in the adiponectin gene (ADIPOQ) associated with plasma adiponectin levels, type 2 diabetes, and diabetes-related quantitative traits: the Framingham Offspring Study. <i>Diabetes</i> , 2008 , 57, 3353-9	0.9	129
186	Clear detection of ADIPOQ locus as the major gene for plasma adiponectin: results of genome-wide association analyses including 4659 European individuals. <i>Atherosclerosis</i> , 2010 , 208, 412-20	3.1	128
185	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	5.6	98
184	Polygenic type 2 diabetes prediction at the limit of common variant detection. <i>Diabetes</i> , 2014 , 63, 2172-82	0.9	96
183	Heterogeneous Contribution of Insulin Sensitivity and Secretion Defects to Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2016 , 39, 1052-5	14.6	93
182	Identification of HKDC1 and BACE2 as genes influencing glycemic traits during pregnancy through genome-wide association studies. <i>Diabetes</i> , 2013 , 62, 3282-91	0.9	86
181	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, 1577-83	14.6	86
180	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019 , 10, 1893	17.4	79
179	A Prospective Investigation of Cesarean Birth with Total and Truncal Fat Mass in Early Adolescence. <i>Current Developments in Nutrition</i> , 2020 , 4, 1039-1039	0.4	78
178	Association of Genome-Wide Genetic Risk for Obesity with the Quality, Quantity, and Timing of Workplace Food Purchases. <i>Current Developments in Nutrition</i> , 2020 , 4, 1392-1392	0.4	78
177	Association of variants in RETN with plasma resistin levels and diabetes-related traits in the Framingham Offspring Study. <i>Diabetes</i> , 2009 , 58, 750-6	0.9	77
176	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	14.6	75
175	The nasal methylome as a biomarker of asthma and airway inflammation in children. <i>Nature Communications</i> , 2019 , 10, 3095	17.4	72
174	Persistent DNA methylation changes associated with prenatal mercury exposure and cognitive performance during childhood. <i>Scientific Reports</i> , 2017 , 7, 288	4.9	71
173	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	70
172	Adaptations of placental and cord blood ABCA1 DNA methylation profile to maternal metabolic status. <i>Epigenetics</i> , 2013 , 8, 1289-302	5.7	69
171	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	8.4	64
170	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018 , 47, 22-23u	7.8	62

169	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, 1082-103	6.4	59
168	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	16.7	57
167	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	2.9	55
166	Diabetes Risk Perception and Intention to Adopt Healthy Lifestyles Among Primary Care Patients. <i>Diabetes Care</i> , 2009 , 32, 1820-2	14.6	53
165	PPARGC1 α 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	7.7	50
164	Susceptibility to type 2 diabetes mellitus—from genes to prevention. <i>Nature Reviews Endocrinology</i> , 2014 , 10, 198-205	15.2	49
163	Greater early and mid-pregnancy gestational weight gains are associated with excess adiposity in mid-childhood. <i>Obesity</i> , 2016 , 24, 1546-53	8	48
162	Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium. <i>Diabetes Care</i> , 2020 , 43, 98-105	14.6	45
161	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	8.4	43
160	Birth weight-for-gestational age is associated with DNA methylation at birth and in childhood. <i>Clinical Epigenetics</i> , 2016 , 8, 118	7.7	43
159	Maternal alcohol consumption and offspring DNA methylation: findings from six general population-based birth cohorts. <i>Epigenomics</i> , 2018 , 10, 27-42	4.4	43
158	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	12.9	42
157	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	3	42
156	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	11	41
155	Hypertensive Disorders of Pregnancy and DNA Methylation in Newborns. <i>Hypertension</i> , 2019 , 74, 375-383	3.5	40
154	Epigenome-Wide Association Study of Incident Type 2 Diabetes in a British Population: EPIC-Norfolk Study. <i>Diabetes</i> , 2019 , 68, 2315-2326	0.9	40
153	Association of Perfluoroalkyl and Polyfluoroalkyl Substances With Adiposity. <i>JAMA Network Open</i> , 2018 , 1, e181493	10.4	38
152	Validation of a DNA methylation reference panel for the estimation of nucleated cells types in cord blood. <i>Epigenetics</i> , 2016 , 11, 773-779	5.7	37

151	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	10.3	33
150	Developmental programming: State-of-the-science and future directions-Summary from a Pennington Biomedical symposium. <i>Obesity</i> , 2016 , 24, 1018-26	8	32
149	Epigenetic dysregulation of the IGF system in placenta of newborns exposed to maternal impaired glucose tolerance. <i>Epigenomics</i> , 2014 , 6, 193-207	4.4	32
148	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , 2019 , 10, 2581	17.4	31
147	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	2.5	30
146	Associations of Perfluoroalkyl and Polyfluoroalkyl Substances With Incident Diabetes and Microvascular Disease. <i>Diabetes Care</i> , 2019 , 42, 1824-1832	14.6	30
145	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	3.2	29
144	Placental DNA Methylation Adaptation to Maternal Glycemic Response in Pregnancy. <i>Diabetes</i> , 2018 , 67, 1673-1683	0.9	29
143	TNF α 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, 1862-9	5.6	29
142	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	12.7	27
141	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, 520-6	0.9	27
140	Cross-tissue comparisons of leptin and adiponectin: DNA methylation profiles. <i>Adipocyte</i> , 2014 , 3, 132-40.	4.2	26
139	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	3.8	25
138	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	11.5	25
137	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 ,	5.6	25
136	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	5.7	23
135	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	8	23
134	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	7.8	23

133	The association of tumor necrosis factor alpha receptor 2 and tumor necrosis factor alpha with insulin resistance and the influence of adipose tissue biomarkers in humans. <i>Metabolism: Clinical and Experimental</i> , 2010 , 59, 540-6	12.7	22
132	Pre-, Perinatal, and Parental Predictors of Body Mass Index Trajectory Milestones. <i>Journal of Pediatrics</i> , 2018 , 201, 69-77.e8	3.6	22
131	Preeclampsia is associated with an increased pro-inflammatory profile in newborns. <i>Journal of Reproductive Immunology</i> , 2015 , 112, 111-4	4.2	19
130	LRP1B, BRD2 and CACNA1D: new candidate genes in fetal metabolic programming of newborns exposed to maternal hyperglycemia. <i>Epigenomics</i> , 2015 , 7, 1111-22	4.4	19
129	Timing of Excessive Weight Gain During Pregnancy Modulates Newborn Anthropometry. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2016 , 38, 108-17	1.3	19
128	Maternal lipid profile differs by gestational diabetes physiologic subtype. <i>Metabolism: Clinical and Experimental</i> , 2019 , 91, 39-42	12.7	19
127	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,	4.6	18
126	Peripheral Blood Transcriptomic Signatures of Fasting Glucose and Insulin Concentrations. <i>Diabetes</i> , 2016 , 65, 3794-3804	0.9	18
125	Mendelian Randomization Analysis of Hemoglobin A as a Risk Factor for Coronary Artery Disease. <i>Diabetes Care</i> , 2019 , 42, 1202-1208	14.6	17
124	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	12.9	17
123	Hypertensive Disorders of Pregnancy and Offspring Cardiometabolic Health at Midchildhood: Project Viva Findings. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	17
122	funtooNorm: an R package for normalization of DNA methylation data when there are multiple cell or tissue types. <i>Bioinformatics</i> , 2016 , 32, 593-5	7.2	17
121	Timing of Complementary Feeding Introduction and Adiposity Throughout Childhood. <i>Pediatrics</i> , 2019 , 144,	7.4	17
120	Genetic Determinants of Glycemic Traits and the Risk of Gestational Diabetes Mellitus. <i>Diabetes</i> , 2018 , 67, 2703-2709	0.9	17
119	Higher adiponectin levels predict greater weight gain in healthy women in the Nurses' Health Study. <i>Obesity</i> , 2011 , 19, 409-15	8	16
118	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	10.4	16
117	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. <i>Genome Medicine</i> , 2020 , 12, 105	14.4	15
116	Interplay of Placental DNA Methylation and Maternal Insulin Sensitivity in Pregnancy. <i>Diabetes</i> , 2020 , 69, 484-492	0.9	14

115	A qualitative study of gestational weight gain goal setting. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 317	3.2	14
114	Early Infant Nutrition and Metabolic Programming: What Are the Potential Molecular Mechanisms?. <i>Current Nutrition Reports</i> , 2014 , 3, 281-288	6	14
113	Metabolomic Profiles of Overweight/Obesity Phenotypes During Adolescence: A Cross-Sectional Study in Project Viva. <i>Obesity</i> , 2020 , 28, 379-387	8	14
112	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	12.9	13
111	Associations of Gestational Glucose Tolerance With Offspring Body Composition and Estimated Insulin Resistance in Early Adolescence. <i>Diabetes Care</i> , 2018 , 41, e164-e166	14.6	13
110	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	3.6	12
109	Leptin trajectories from birth to mid-childhood and cardio-metabolic health in early adolescence. <i>Metabolism: Clinical and Experimental</i> , 2019 , 91, 30-38	12.7	12
108	Cord blood DNA methylation and adiposity measures in early and mid-childhood. <i>Clinical Epigenetics</i> , 2017 , 9, 86	7.7	11
107	Supporting healthful lifestyles during pregnancy: a health coach intervention pilot study. <i>BMC Pregnancy and Childbirth</i> , 2018 , 18, 375	3.2	11
106	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,	5.6	10
105	Metabolic trajectories across early adolescence: differences by sex, weight, pubertal status and race/ethnicity. <i>Annals of Human Biology</i> , 2019 , 46, 205-214	1.7	10
104	Early-Life Exposures and Risk of Diabetes Mellitus and Obesity. <i>Current Diabetes Reports</i> , 2018 , 18, 89	5.6	10
103	Training Health Professionals to Deliver Healthy Living Medicine. <i>Progress in Cardiovascular Diseases</i> , 2017 , 59, 471-478	8.5	9
102	Associations of maternal prenatal smoking with umbilical cord blood hormones: the Project Viva cohort. <i>Metabolism: Clinical and Experimental</i> , 2017 , 72, 18-26	12.7	9
101	Gestational diabetes mellitus identification based on self-monitoring of blood glucose. <i>Canadian Journal of Diabetes</i> , 2015 , 39, 162-8	2.1	9
100	Impact of Genetic Determinants of HbA1c on Type 2 Diabetes Risk and Diagnosis. <i>Current Diabetes Reports</i> , 2018 , 18, 52	5.6	9
99	Parent-of-Origin Effects of the APOB Gene on Adiposity in Young Adults. <i>PLoS Genetics</i> , 2015 , 11, e1005673		9
98	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	5.6	9

97	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	3.4	8
96	Locus-specific DNA methylation prediction in cord blood and placenta. <i>Epigenetics</i> , 2019 , 14, 405-420	5.7	8
95	Early life exposure to green space and insulin resistance: An assessment from infancy to early adolescence. <i>Environment International</i> , 2020 , 142, 105849	12.9	8
94	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,	5.6	8
93	Calcifediol Decreases Interleukin-6 Secretion by Cultured Human Trophoblasts From GDM Pregnancies. <i>Journal of the Endocrine Society</i> , 2019 , 3, 2165-2178	0.4	8
92	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	1.3	8
91	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	11.5	8
90	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	2.7	8
89	Defining Heterogeneity Among Women With Gestational Diabetes Mellitus. <i>Diabetes</i> , 2020 , 69, 2064-2074	7.4	8
88	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	7.7	8
87	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	2.1	7
86	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,	6.3	7
85	HNF1 α defect influences post-prandial lipid regulation. <i>PLoS ONE</i> , 2017 , 12, e0177110	3.7	7
84	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	11.6	7
83	Per- and polyfluoroalkyl substances and kidney function: Follow-up results from the Diabetes Prevention Program trial. <i>Environment International</i> , 2021 , 148, 106375	12.9	7
82	Parental Obesity and Offspring Pubertal Development: Project Viva. <i>Journal of Pediatrics</i> , 2019 , 215, 123-131.e2	3.6	7
81	Comparison of novel and existing methods for detecting differentially methylated regions. <i>BMC Genetics</i> , 2018 , 19, 84	2.6	7
80	Genetic determinants of adiponectin regulation revealed by pregnancy. <i>Obesity</i> , 2017 , 25, 935-944	8	6

79	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	0.4	6
78	Placental surface area mediates the association between methylation in placenta and full-term low birth weight in girls. <i>Clinical Epigenetics</i> , 2018 , 10, 39	7.7	6
77	Maternal anxiety during pregnancy and newborn epigenome-wide DNA methylation. <i>Molecular Psychiatry</i> , 2021 , 26, 1832-1845	15.1	6
76	Neighborhood Child Opportunity Index and Adolescent Cardiometabolic Risk. <i>Pediatrics</i> , 2021 , 147,	7.4	6
75	Early pregnancy exposure to metal mixture and birth outcomes - A prospective study in Project Viva. <i>Environment International</i> , 2021 , 156, 106714	12.9	6
74	Lifestyle interventions in pregnancy targeting GDM prevention: looking ahead to precision medicine.. <i>Diabetologia</i> , 2022 , 1	10.3	5
73	DNA Methylation and Type 2 Diabetes: the Use of Mendelian Randomization to Assess Causality. <i>Current Genetic Medicine Reports</i> , 2019 , 7, 191-207	2.2	5
72	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	5.5	5
71	Genetic Loci and Physiologic Pathways Involved in Gestational Diabetes Mellitus Implicated Through Clustering. <i>Diabetes</i> , 2021 , 70, 268-281	0.9	5
70	Placental DNA methylation signatures of maternal smoking during pregnancy and potential impacts on fetal growth. <i>Nature Communications</i> , 2021 , 12, 5095	17.4	5
69	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> , 2021 ,	7	5
68	DNA methylation mediates the association between breastfeeding and early-life growth trajectories.. <i>Clinical Epigenetics</i> , 2021 , 13, 231	7.7	5
67	Comparison of Illumina 450K and EPIC arrays in placental DNA methylation. <i>Epigenetics</i> , 2019 , 14, 1177-1182	5.7	4
66	Maternal Glycemic Dysregulation During Pregnancy and Neonatal Blood DNA Methylation: Meta-analyses of Epigenome-Wide Association Studies.. <i>Diabetes Care</i> , 2022 ,	14.6	4
65	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,	0.4	4
64	Tissue-Specific Alteration of Metabolic Pathways Influences Glycemic Regulation		4
63	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	5.8	4
62	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,	6.3	4

61	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	7	4
60	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	5.5	4
59	Glycation of fetal hemoglobin reflects hyperglycemia exposure in utero. <i>Diabetes Care</i> , 2014 , 37, 2830-314	6	3
58	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	14.6	3
57	Placental DNA methylation signatures of maternal smoking during pregnancy and potential impacts on fetal growth		3
56	DNA methylation at 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	2.4	3
55	Insulin Resistant Gestational Glucose Intolerance Is Associated With Adverse Perinatal Outcomes. <i>Journal of the Endocrine Society</i> , 2021 , 5, A434-A434	0.4	3
54	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	12.9	3
53	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	5.5	3
52	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	3.8	3
51	Epigenome-wide association study of maternal hemoglobin A1c in pregnancy and cord blood DNA methylation. <i>Epigenomics</i> , 2021 , 13, 203-218	4.4	3
50	Mid-Pregnancy Fructosamine Measurement-Predictive Value for Gestational Diabetes and Association with Postpartum Glycemic Indices. <i>Nutrients</i> , 2018 , 10,	6.7	3
49	Residential PM exposure and the nasal methylome in children. <i>Environment International</i> , 2021 , 153, 106505	12.9	3
48	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	9.3	3
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28	Detecting cord blood cell type-specific epigenetic associations with gestational diabetes mellitus and early childhood growth. <i>Clinical Epigenetics</i> , 2021 , 13, 131	7.7	1
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