Richard Saffery

List of Publications by Year
in descending order

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236	10,668	39113	51423
papers	citations	52 h-index	90 g-index

251	251	251	17315
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measuring maternal body composition by biomedical impedance can predict risk for gestational diabetes mellitus: a retrospective study among 22,223 women. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 2695-2702.	0.7	7
2	The newborn metabolome: associations with gestational diabetes, sex, gestation, birth mode, and birth weight. Pediatric Research, 2022, 91, 1864-1873.	1.1	14
3	Cohort Profile: The Chongqing Longitudinal Twin Study (LoTiS). International Journal of Epidemiology, 2022, 51, e256-e266.	0.9	4
4	Maternal inflammatory and omega-3 fatty acid pathways mediate the association between socioeconomic disadvantage and childhood cognition. Brain, Behavior, and Immunity, 2022, 100, 211-218.	2.0	8
5	Decreasing severity of obesity from early to late adolescence and young adulthood associates with longitudinal metabolomic changes implicated in lower cardiometabolic disease risk. International Journal of Obesity, 2022, 46, 646-654.	1.6	2
6	Reproductive function in men conceived with inÂvitro fertilization and intracytoplasmic sperm injection. Fertility and Sterility, 2022, 117, 727-737.	0.5	7
7	Gender-affirming hormone therapy induces specific DNA methylation changes in blood. Clinical Epigenetics, 2022, 14, 24.	1.8	17
8	Does inflammation mediate the association between obesity and hearing status in mid-childhood and mid-life?. International Journal of Obesity, 2022, , .	1.6	1
9	Blood Plasma Metabolites in Diabetes-Associated Chronic Kidney Disease: A Focus on Lipid Profiles and Cardiovascular Risk. Frontiers in Nutrition, 2022, 9, 821209.	1.6	3
10	The effects of gestational diabetes mellitus with maternal age between 35 and 40â€‰years on the metabolite profiles of plasma and urine. BMC Pregnancy and Childbirth, 2022, 22, 174.	0.9	5
11	Gestational weight gain is associated with childhood height, weight and BMI in the Peri/Postnatal Epigenetic Twins Study. Journal of Developmental Origins of Health and Disease, 2022, , 1-9.	0.7	1
12	Early life affects late-life health through determining DNA methylation across the lifespan: A twin study. EBioMedicine, 2022, 77, 103927.	2.7	15
13	A Pathway-Based Genetic Score for Oxidative Stress: An Indicator of Host Vulnerability to Phthalate-Associated Adverse Neurodevelopment. Antioxidants, 2022, 11, 659.	2.2	5
14	The Metabolic Signatures of Surviving Cotwins in Cases of Single Intrauterine Fetal Death During Monochorionic Diamniotic Pregnancy: A Prospective Case-Control Study. Frontiers in Molecular Biosciences, 2022, 9, 799902.	1.6	0
15	Prenatal exposure to phthalates and peripheral blood and buccal epithelial DNA methylation in infants: An epigenome-wide association study. Environment International, 2022, 163, 107183.	4.8	14
16	Comprehensive Metabolomic Profiling of Cord Blood and Placental Tissue in Surviving Monochorionic Twins Complicated by Twin-Twin Transfusion Syndrome With or Without Fetoscopic Laser Coagulation Surgery: A Retrospective Cohort Study. Frontiers in Bioengineering and Biotechnology, 2022, 10, 786755.	2.0	0
17	Shortened Infant Telomere Length Is Associated with Attention Deficit/Hyperactivity Disorder Symptoms in Children at Age Two Years: A Birth Cohort Study. International Journal of Molecular Sciences, 2022, 23, 4601.	1.8	9
18	Early life infection and proinflammatory, atherogenic metabolomic and lipidomic profiles in infancy: a population-based cohort study. ELife, 2022, 11, .	2.8	8

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19	Can adult polygenic scores improve prediction of body mass index in childhood?. International Journal of Obesity, 2022, 46, 1375-1383.	1.6	7
20	Effect of an antenatal diet and lifestyle intervention and maternal BMI on cord blood DNA methylation in infants of overweight and obese women: The LIMIT Randomised Controlled Trial. PLoS ONE, 2022, 17, e0269723.	1.1	4
21	Household size, T regulatory cell development, and early allergic disease: a birth cohort study. Pediatric Allergy and Immunology, 2022, 33, .	1.1	8
22	Virology and immune dynamics reveal high household transmission of ancestral SARSâ€CoVâ€2 strain. Pediatric Allergy and Immunology, 2022, 33, .	1.1	8
23	DNA methylation profiling identifies epigenetic differences between early versus late stages of diabetic chronic kidney disease. Nephrology Dialysis Transplantation, 2021, 36, 2027-2038.	0.4	14
24	Clarifying the Sweeping Consequences of COVID-19 in Pregnant Women, Newborns, and Children With Existing Cohorts. JAMA Pediatrics, 2021, 175, 117.	3.3	14
25	Perinatal outcomes and offspring growth profiles in twin pregnancies complicated by gestational diabetes mellitus: A longitudinal cohort study. Diabetes Research and Clinical Practice, 2021, 171, 108623.	1.1	8
26	Vitamin D insufficiency is associated with reduced regulatory T cell frequency in foodâ€allergic infants. Pediatric Allergy and Immunology, 2021, 32, 771-775.	1.1	7
27	Epigenetic programming underpins Bâ€cell dysfunction in peanut and multiâ€food allergy. Clinical and Translational Immunology, 2021, 10, e1324.	1.7	13
28	Population epidemiology and concordance for plasma amino acids and precursors in 11â€“12-year-old children and their parents. Scientific Reports, 2021, 11, 3619.	1.6	8
29	Innate cell profiles during the acute and convalescent phase of SARS-CoV-2 infection in children. Nature Communications, 2021, 12, 1084.	5.8	74
30	Plasma B Vitamers: Population Epidemiology and Parent-Child Concordance in Children and Adults. Nutrients, 2021, 13, 821.	1.7	5
31	Altered immune cell profiles and impaired CD4 Tâ€cell activation in single and multiâ€food allergic adolescents. Clinical and Experimental Allergy, 2021, 51, 674-684.	1.4	9
32	Diet quality trajectories and cardiovascular phenotypes/metabolic syndrome risk by 11â€“12 years. International Journal of Obesity, 2021, 45, 1392-1403.	1.6	6
33	Diabetes and Overweight/Obesity Are Independent, Nonadditive Risk Factors for In-Hospital Severity of COVID-19: An International, Multicenter Retrospective Meta-analysis. Diabetes Care, 2021, 44, 1281-1290.	4.3	67
34	Gestational diabetes mellitus-associated changes in the breast milk metabolome alters the neonatal growth trajectory. Clinical Nutrition, 2021, 40, 4043-4054.	2.3	14
35	Association of medically assisted reproduction with offspring cord blood DNA methylation across cohorts. Human Reproduction, 2021, 36, 2403-2413.	0.4	17
36	Identifying the lungs as a susceptible site for allele-specific regulatory changes associated with type 1 diabetes risk. Communications Biology, 2021, 4, 1072.	2.0	2

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37	Increased maternal mental health burden in a representative longitudinal community cohort coinciding with COVID-19 lockdown. Australian Journal of Psychology, 2021, 73, 578-585.	1.4	2
38	Mapping Pulmonary and Systemic Inflammation in Preschool Aged Children With Cystic Fibrosis. Frontiers in Immunology, 2021, 12, 733217.	2.2	8
39	Children and Adults in a Household Cohort Study Have Robust Longitudinal Immune Responses Following SARS-CoV-2 Infection or Exposure. Frontiers in Immunology, 2021, 12, 741639.	2.2	13
40	Trimethylamine N-oxide (TMAO) Is not Associated with Cardiometabolic Phenotypes and Inflammatory Markers in Children and Adults. Current Developments in Nutrition, 2021, 5, nzaa179.	0.1	15
41	Sex- and tissue-specific effects of binge-level prenatal alcohol consumption on DNA methylation at birth. Epigenomics, 2021, 13, 1921-1938.	1.0	11
42	Innate Immune Activation and Circulating Inflammatory Markers in Preschool Children. Frontiers in Immunology, 2021, 12, 830049.	2.2	7
43	DNA Methylation Profiles of Purified Cell Types in Bronchoalveolar Lavage: Applications for Mixed Cell Paediatric Pulmonary Studies. Frontiers in Immunology, 2021, 12, 788705.	2.2	2
44	Differential methylation pattern of xenobiotic metabolizing genes and susceptibility to Balkan endemic nephropathy, in a cohort of Romanian patients. Journal of Nephrology, 2020, 33, 91-100.	0.9	2
45	Genetic variation, intrauterine growth, and adverse pregnancy conditions predict leptin gene DNA methylation in blood at birth and 12 months of age. International Journal of Obesity, 2020, 44, 45-56.	1.6	4
46	Folate levels in pregnancy and offspring food allergy and eczema. Pediatric Allergy and Immunology, 2020, 31, 38-46.	1.1	12
47	Differential gene expression and limited epigenetic dysregulation at the materno-fetal interface in preeclampsia. Human Molecular Genetics, 2020, 29, 335-350.	1.4	5
48	Cardiovascular health and retinal microvascular geometry in Australian 11â€“12Âyear-olds. Microvascular Research, 2020, 129, 103966.	1.1	4
49	Integrating trials into a whole-population cohort of children and parents: statement of intent (trials) for the Generation Victoria (GenV) cohort. BMC Medical Research Methodology, 2020, 20, 238.	1.4	11
50	Determinants of placental leptin receptor gene expression and association with measures at birth. Placenta, 2020, 100, 89-95.	0.7	5
51	Health and fertility of ICSI-conceived young men: study protocol. Human Reproduction Open, 2020, 2020, hoaa042.	2.3	6
52	Blood DNA methylation signatures to detect dementia prior to overt clinical symptoms. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12056.	1.2	22
53	Epigenetic Patterns in Five-Year-Old Children Exposed to a Low Glycemic Index Dietary Intervention during Pregnancy: Results from the ROLO Kids Study. Nutrients, 2020, 12, 3602.	1.7	11
54	Immune responses to SARS-CoV-2 in three children of parents with symptomatic COVID-19. Nature Communications, 2020, 11, 5703.	5.8	90

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55	Plasma Trimethylamine N-Oxide and Its Precursors: Population Epidemiology, Parentâ€“Child Concordance, and Associations with Reported Dietary Intake in 11- to 12-Year-Old Children and Their Parents. Current Developments in Nutrition, 2020, 4, nzaa103.	0.1	18
56	DOHaD in the land down under: 11th World Congress 2019. Journal of Developmental Origins of Health and Disease, 2020, 11, 543-544.	0.7	0
57	Exposure to adversity and inflammatory outcomes in mid and late childhood. Brain, Behavior, & Immunity - Health, 2020, 9, 100146.	1.3	13
58	DNA methylation analysis of candidate genes associated with dementia in peripheral blood. Epigenomics, 2020, 12, 2109-2123.	1.0	16
59	Is Peripheral BDNF Promoter Methylation a Preclinical Biomarker of Dementia?. Journal of Alzheimer's Disease, 2020, 73, 645-655.	1.2	9
60	Prenatal phthalate exposure, oxidative stress-related genetic vulnerability and early life neurodevelopment: A birth cohort study. NeuroToxicology, 2020, 80, 20-28.	1.4	34
61	Longitudinal Study of Oral Microbiome Variation in Twins. Scientific Reports, 2020, 10, 7954.	1.6	34
62	A Potential Role for Epigenetically Mediated Trained Immunity in Food Allergy. IScience, 2020, 23, 101171.	1.9	18
63	HIF3A cord blood methylation and systolic blood pressure at 4 years â€“ a population-based cohort study. Epigenetics, 2020, 15, 1361-1369.	1.3	3
64	Inflammation mediates the relationship between obesity and retinal vascular calibre in 11-12 year-olds children and mid-life adults. Scientific Reports, 2020, 10, 5006.	1.6	4
65	Maternal carriage of Prevotella during pregnancy associates with protection against food allergy in the offspring. Nature Communications, 2020, 11, 1452.	5.8	84
66	Single-Cell Flow Cytometry Profiling of BAL in Children. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 152-159.	1.4	13
67	Cognitive Behavioral Therapy for Antenatal Depression in a Pilot Randomized Controlled Trial and Effects on Neurobiological, Behavioral and Cognitive Outcomes in Offspring 3â€“7 Years Postpartum: A Perspective Article on Study Findings, Limitations and Future Aims. Frontiers in Psychiatry, 2020, 11, 34.	1.3	8
68	Sex matters: XIST and DDX3Y gene expression as a tool to determine fetal sex in human first trimester placenta. Placenta, 2020, 97, 68-70.	0.7	13
69	Body Mass Index From Early to Late Childhood and Cardiometabolic Measurements at 11 to 12 Years. Pediatrics, 2020, 146, .	1.0	37
70	Sex differences in infant blood metabolite profile in association with weight and adiposity measures. Pediatric Research, 2020, 88, 473-483.	1.1	13
71	Trained Immunity: Linking Obesity and Cardiovascular Disease across the Life-Course?. Trends in Endocrinology and Metabolism, 2020, 31, 378-389.	3.1	40
72	Methylation of the LEP gene promoter in blood at 12 months and BMI at 4 years of ageâ€”a population-based cohort study. International Journal of Obesity, 2020, 44, 842-847.	1.6	6

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73	Mass cytometry reveals cellular fingerprint associated with IgE+â€‰peanut tolerance and allergy in early life. Nature Communications, 2020, 11, 1091.	5.8	44
74	The role of glucocorticoid and mineralocorticoid receptor DNA methylation in antenatal depression and infant stress regulation. Psychoneuroendocrinology, 2020, 115, 104611.	1.3	28
75	Maternal Obesity Alters Placental Cell Cycle Regulators in the First Trimester of Human Pregnancy: New Insights for BRCA1. International Journal of Molecular Sciences, 2020, 21, 468.	1.8	12
76	A twin study of body mass index and dental caries in childhood. Scientific Reports, 2020, 10, 568.	1.6	7
77	Sexual Dimorphism in Innate Immunity: The Role of Sex Hormones and Epigenetics. Frontiers in Immunology, 2020, 11, 604000.	2.2	124
78	Upregulated LncZBTB39 in pre-eclampsia and its effects on trophoblast invasion and migration via antagonizing the inhibition of miR-210 on THSD7A expression. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2020, 248, 164-171.	0.5	7
79	DNA methylation biomarkers of future health outcomes in children. Molecular and Cellular Pediatrics, 2020, 7, 7.	1.0	11
80	Hyper-Inflammatory Monocyte Activation Following Endotoxin Exposure in Food Allergic Infants. Frontiers in Immunology, 2020, 11, 567981.	2.2	11
81	Cross-sectional metabolic profiles of mental health in population-based cohorts of 11- to 12-year-olds and mid-life adults: The Longitudinal Study of Australian Children. Australian and New Zealand Journal of Psychiatry, 2020, 54, 928-937.	1.3	1
82	Plasma metabolomic profiles associated with infant food allergy with further consideration of other early life factors. Prostaglandins Leukotrienes and Essential Fatty Acids, 2020, 159, 102099.	1.0	8
83	Identification of Potential Biomarkers of Chronic Kidney Disease in Individuals with Diabetes: Protocol for a Cross-sectional Observational Study. JMIR Research Protocols, 2020, 9, e16277.	0.5	3
84	Inference about causation between body mass index and DNA methylation in blood from a twin family study. International Journal of Obesity, 2019, 43, 243-252.	1.6	48
85	Human placental methylome in the interplay of adverse placental health, environmental exposure, and pregnancy outcome. PLoS Genetics, 2019, 15, e1008236.	1.5	38
86	The CODATwins Project: The Current Status and Recent Findings of COllaborative Project of Development of Anthropometrical Measures in Twins. Twin Research and Human Genetics, 2019, 22, 800-808.	0.3	19
87	Early-life determinants of hypoxia-inducible factor 3A geneÂ(HIF3A) methylation: a birth cohort study. Clinical Epigenetics, 2019, 11, 96.	1.8	15
88	Telomere length and lung function in a populationâ€based cohort of children and midâ€life adults. Pediatric Pulmonology, 2019, 54, 2044-2052.	1.0	6
89	Intrauterine programming of obesity and type 2 diabetes. Diabetologia, 2019, 62, 1789-1801.	2.9	167
90	Assisted reproductive technologies are associated with limited epigenetic variation at birth that largely resolves by adulthood. Nature Communications, 2019, 10, 3922.	5.8	94

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91	A Crossâ€Cohort Study Examining the Associations of Metabolomic Profile and Subclinical Atherosclerosis in Children and Their Parents: The Child Health CheckPoint Study and Avon Longitudinal Study of Parents and Children. Journal of the American Heart Association, 2019, 8, e011852.	1.6	11
92	Micromanaging human placental function: differential microRNA expression in feto-placental endothelial cells of gestational diabetes pregnancies. Clinical Science, 2019, 133, 315-319.	1.8	4
93	Diabetes in pregnancy and epigenetic mechanismsâ€"how the first 9 months from conception might affect the child's epigenome and later risk of disease. Lancet Diabetes and Endocrinology,the, 2019, 7, 796-806.	5.5	46
94	Neighbourhood socioeconomic circumstances, adiposity and cardiometabolic risk measures in children with severe obesity. Obesity Research and Clinical Practice, 2019, 13, 345-351.	0.8	17
95	Perspective: Advancing Understanding of Population Nutrientâ€"Health Relations via Metabolomics and Precision Phenotypes. Advances in Nutrition, 2019, 10, 944-952.	2.9	14
96	Health of adults aged 22 to 35Âyears conceived by assisted reproductive technology. Fertility and Sterility, 2019, 112, 130-139.	0.5	49
97	Sex and puberty-related differences in metabolomic profiles associated with adiposity measures in youth with obesity. Metabolomics, 2019, 15, 75.	1.4	21
98	NaÃ¯ve regulatory T cells in infancy: Associations with perinatal factors and development of food allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1760-1768.	2.7	24
99	Exploring the effect of antenatal depression treatment on childrenâ€™s epigenetic profiles: findings from a pilot randomized controlled trial. Clinical Epigenetics, 2019, 11, 18.	1.8	11
100	Glycoprotein acetyls (GlycA) at 12 months are associated with high-sensitivity C-reactive protein and early life inflammatory immune measures. Pediatric Research, 2019, 85, 584-585.	1.1	21
101	Metabolomics: population epidemiology and concordance in Australian children aged 11â€"12 years and their parents. BMJ Open, 2019, 9, 106-117.	0.8	48
102	Telomere length: population epidemiology and concordance in Australian children aged 11â€"12 years and their parents. BMJ Open, 2019, 9, 118-126.	0.8	10
103	Epigenetic Influences on Neurodevelopment at 11 Years of Age: Protocol for the Longitudinal Peri/Postnatal Epigenetic Twins Study at 11 Years of Age (PETS@11). Twin Research and Human Genetics, 2019, 22, 446-453.	0.3	2
104	Objectively measured sleep and telomere length in a population-based cohort of children and midlife adults. Sleep, 2019, 43, .	0.6	3
105	Associations Between Telomere Length and Hearing Status in Mid-Childhood and Midlife: Population-Based Cross-Sectional study. Ear and Hearing, 2019, 40, 1256-1259.	1.0	6
106	Bâ€cell phenotype and function in infants with egg allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1022-1025.	2.7	8
107	Adolescence and the next generation. Nature, 2018, 554, 458-466.	13.7	238
108	Protocol for a longitudinal twin birth cohort study to unravel the complex interplay between early-life environmental and genetic risk factors in health and disease: the Chongqing Longitudinal Twin Study (LoTiS). BMJ Open, 2018, 8, e017889.	0.8	15

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109	Birth size and gestational age in opposite-sex twins as compared to same-sex twins: An individual-based pooled analysis of 21 cohorts. Scientific Reports, 2018, 8, 6300.	1.6	21
110	Origins of lifetime health around the time of conception: causes and consequences. Lancet, The, 2018, 391, 1842-1852.	6.3	771
111	Associations between birth size and later height from infancy through adulthood: An individual based pooled analysis of 28 twin cohorts participating in the CODATwins project. Early Human Development, 2018, 120, 53-60.	0.8	20
112	Early life innate immune signatures of persistent food allergy. Journal of Allergy and Clinical Immunology, 2018, 142, 857-864.e3.	1.5	55
113	Maternal depression, antidepressant use and placental oxytocin receptor DNA methylation: Findings from the MPEWS study. Psychoneuroendocrinology, 2018, 90, 1-8.	1.3	19
114	The association between higher maternal preâ€pregnancy body mass index and increased birth weight, adiposity and inflammation in the newborn. Pediatric Obesity, 2018, 13, 46-53.	1.4	50
115	Methylation profiling of paediatric pilocytic astrocytoma reveals variants specifically associated with tumour location and predictive of recurrence. Molecular Oncology, 2018, 12, 1219-1232.	2.1	14
116	The DNA methylation landscape of CD4+ T cells in oligoarticular juvenile idiopathic arthritis. Journal of Autoimmunity, 2018, 86, 29-38.	3.0	13
117	DNA methylation and genetic variation of the angiotensin converting enzyme (ACE) in depression. Psychoneuroendocrinology, 2018, 88, 1-8.	1.3	13
118	Supragingival Plaque Microbiome Ecology and Functional Potential in the Context of Health and Disease. MBio, 2018, 9, .	1.8	58
119	A Low Glycaemic Index Diet in Pregnancy Induces DNA Methylation Variation in Blood of Newborns: Results from the ROLO Randomised Controlled Trial. Nutrients, 2018, 10, 455.	1.7	33
120	Metabolic Biomarkers of Monochorionic Twins Complicated With Selective Intrauterine Growth Restriction in Cord Plasma and Placental Tissue. Scientific Reports, 2018, 8, 15914.	1.6	18
121	Genome-wide average DNA methylation is determined in utero. International Journal of Epidemiology, 2018, 47, 908-916.	0.9	38
122	Genotype-dependent associations between serotonin transporter gene (SLC6A4) DNA methylation and late-life depression. BMC Psychiatry, 2018, 18, 282.	1.1	56
123	Genetic and environmental factors affecting birth size variation: a pooled individual-based analysis of secular trends and global geographical differences using 26 twin cohorts. International Journal of Epidemiology, 2018, 47, 1195-1206.	0.9	19
124	Gestational diabetes mellitus modulates cholesterol homeostasis in human fetoplacental endothelium. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 968-979.	1.2	29
125	Time- and sex-dependent associations between prenatal alcohol exposure and placental global DNA methylation. Epigenomics, 2018, 10, 981-991.	1.0	31
126	Causal effect of smoking on DNA methylation in peripheral blood: a twin and family study. Clinical Epigenetics, 2018, 10, 18.	1.8	95

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127	Epigenetic dysregulation of naive CD4+ T-cell activation genes in childhood food allergy. Nature Communications, 2018, 9, 3308.	5.8	71
128	Human fetoplacental arterial and venous endothelial cells are differentially programmed by gestational diabetes mellitus, resulting in cell-specific barrier function changes. Diabetologia, 2018, 61, 2398-2411.	2.9	33
129	Gestational diabetes and maternal obesity are associated with epigenome-wide methylation changes in children. JCI Insight, 2018, 3, .	2.3	83
130	Does maternal mental well-being in pregnancy impact the early human epigenome?. Epigenomics, 2017, 9, 313-332.	1.0	36
131	Mercy Pregnancy and Emotional Wellâ€being Study (MPEWS): Understanding maternal mental health, fetal programming and child development. Study design and cohort profile. International Journal of Methods in Psychiatric Research, 2017, 26, .	1.1	47
132	Whatâ€™s in a name? Context-dependent significance of â€˜globalâ€™ methylation measures in human health and disease. Clinical Epigenetics, 2017, 9, 2.	1.8	23
133	Variable DAXX gene methylation is a common feature of placental trophoblast differentiation, preeclampsia, and response to hypoxia. FASEB Journal, 2017, 31, 2380-2392.	0.2	21
134	The skin barrier function gene <scp>SPINK</scp>5 is associated withÂchallengeâ€proven IgEâ€mediated food allergy in infants. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1356-1364.	2.7	56
135	Genetic variation at the Th2 immune gene <scp>IL</scp>13 is associated with IgEâ€mediated paediatric food allergy. Clinical and Experimental Allergy, 2017, 47, 1032-1037.	1.4	29
136	DNA methylation landscape of ocular tissue relative to matched peripheral blood. Scientific Reports, 2017, 7, 46330.	1.6	17
137	DNA methylation changes at infertility genes in newborn twins conceived by in vitro fertilisation. Genome Medicine, 2017, 9, 28.	3.6	47
138	Association between birthweight and later body mass index: an individual-based pooled analysis of 27 twin cohorts participating in the CODATwins project. International Journal of Epidemiology, 2017, 46, 1488-1498.	0.9	22
139	DNA-Methylation and Body Composition in Preschool Children: Epigenome-Wide-Analysis in the European Childhood Obesity Project (CHOP)-Study. Scientific Reports, 2017, 7, 14349.	1.6	59
140	Is cellular heterogeneity merely a confounder to be removed from epigenome-wide association studies?. Epigenomics, 2017, 9, 1143-1150.	1.0	42
141	Twin birth changes DNA methylation of subsequent siblings. Scientific Reports, 2017, 7, 8463.	1.6	8
142	Host Genetic Control of the Oral Microbiome in Health and Disease. Cell Host and Microbe, 2017, 22, 269-278.e3.	5.1	165
143	Socioeconomic Position Is Associated With Carotid Intimaâ€“Media Thickness in Midâ€Childhood: The Longitudinal Study of Australian Children. Journal of the American Heart Association, 2017, 6, .	1.6	11
144	Causes of blood methylomic variation for middle-aged women measured by the HumanMethylation450 array. Epigenetics, 2017, 12, 973-981.	1.3	14

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145	DNA methylation of amino acid transporter genes in the human placenta. Placenta, 2017, 60, 64-73.	0.7	20
146	Increased methylation and decreased expression of homeobox genes TLX1, HOXA10 and DLX5 in human placenta are associated with trophoblast differentiation. Scientific Reports, 2017, 7, 4523.	1.6	18
147	Polymorphous low-grade neuroepithelial tumor of the young (PLNTY): an epileptogenic neoplasm with oligodendroglioma-like components, aberrant CD34 expression, and genetic alterations involving the MAP kinase pathway. Acta Neuropathologica, 2017, 133, 417-429.	3.9	172
148	Functionally distinct roles for different miR-155 expression levels through contrasting effects on gene expression, in acute myeloid leukaemia. Leukemia, 2017, 31, 808-820.	3.3	46
149	Genomewide association study of peanut allergy reproduces association with amino acid polymorphisms in <scp>HLA</scp>â€<scp>DRB</scp>1. Clinical and Experimental Allergy, 2017, 47, 217-223.	1.4	40
150	Clinical review of 24â€“35Âyear olds conceived with and without in vitro fertilization: study protocol. Reproductive Health, 2017, 14, 117.	1.2	14
151	Investigating the epigenetic profile of the inflammatory gene IL-6 in late-life depression. BMC Psychiatry, 2017, 17, 354.	1.1	31
152	Maternal mental well-being during pregnancy and glucocorticoid receptor gene promoter methylation in the neonate. Development and Psychopathology, 2016, 28, 1421-1430.	1.4	38
153	The effects of maternal anxiety during pregnancy on IGF2/H19 methylation in cord blood. Translational Psychiatry, 2016, 6, e765-e765.	2.4	61
154	Epigenetic modifications: mechanisms of disease and biomarkers of food allergy. Current Opinion in Immunology, 2016, 42, 9-15.	2.4	14
155	Breastfeeding and Growth of Children in the Peri/postnatal Epigenetic Twins Study (PETS). Journal of Human Lactation, 2016, 32, 481-488.	0.8	11
156	Twin's Birth-Order Differences in Height and Body Mass Index From Birth to Old Age: A Pooled Study of 26 Twin Cohorts Participating in the CODATwins Project. Twin Research and Human Genetics, 2016, 19, 112-124.	0.3	21
157	Epigenetic regulation of neurodevelopmental genes in response to in utero exposure to phthalate plastic chemicals: How can we delineate causal effects?. NeuroToxicology, 2016, 55, 92-101.	1.4	29
158	DNA methylation mediated up-regulation ofTERRAnon-coding RNA is coincident with elongated telomeres in the human placenta. Molecular Human Reproduction, 2016, 22, 791-799.	1.3	28
159	Biological underpinnings of trauma and post-traumatic stress disorder: focusing on genetics and epigenetics. Epigenomics, 2016, 8, 1553-1569.	1.0	55
160	Genetic and environmental effects on body mass index from infancy to the onset of adulthood: an individual-based pooled analysis of 45 twin cohorts participating in the COllaborative project of Development of Anthropometrical measures in Twins (CODATwins) study. American Journal of Clinical Nutrition, 2016, 104, 371-379.	2.2	175
161	Genome-wide measures of DNA methylation in peripheral blood and the risk of urothelial cell carcinoma: a prospective nested caseâ€“control study. British Journal of Cancer, 2016, 115, 664-673.	2.9	38
162	Differentiation of human embryonic stem cells to HOXA+ hemogenic vasculature that resembles the aorta-gonad-mesonephros. Nature Biotechnology, 2016, 34, 1168-1179.	9.4	150

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163	Genetic and environmental influences on height from infancy to early adulthood: An individual-based pooled analysis of 45 twin cohorts. Scientific Reports, 2016, 6, 28496.	1.6	133
164	The establishment of DOHaD working groups in Australia and New Zealand. Journal of Developmental Origins of Health and Disease, 2016, 7, 433-439.	0.7	7
165	Cord blood monocyteâ€“derived inflammatory cytokines suppress IL-2 and induce nonclassic â€œT _H 2-typeâ€•immunity associated with development of food allergy. Science Translational Medicine, 2016, 8, 321ra8.	5.8	80
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