

Caroline L Relton

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8163692/caroline-l-relton-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

208
papers

9,959
citations

48
h-index

96
g-index

241
ext. papers

14,712
ext. citations

8.2
avg. IF

6.25
L-index

#	Paper	IF	Citations
208	Harnessing Whole Genome Polygenic Risk Scores to Stratify Individuals Based on Cardiometabolic Risk Factors and Biomarkers at Age 10 in the Lifecourse.. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022 , ATVBAHA121316650	9.4	0
207	Epigenetic biomarkers of ageing are predictive of mortality risk in a longitudinal clinical cohort of individuals diagnosed with oropharyngeal cancer.. <i>Clinical Epigenetics</i> , 2022 , 14, 1	7.7	0
206	Meta-analysis of epigenome-wide associations between DNA methylation at birth and childhood cognitive skills.. <i>Molecular Psychiatry</i> , 2022 ,	15.1	2
205	The EWAS Catalog: a database of epigenome-wide association studies.. <i>Wellcome Open Research</i> , 2022 , 7, 41	4.8	3
204	Meta-analysis of epigenome-wide association studies in newborns and children show widespread sex differences in blood DNA methylation. <i>Mutation Research - Reviews in Mutation Research</i> , 2022 , 789, 108415	7	2
203	DNA methylation-based predictors of health: applications and statistical considerations.. <i>Nature Reviews Genetics</i> , 2022 ,	30.1	3
202	Applying Mendelian randomization to appraise causality in relationships between nutrition and cancer.. <i>Cancer Causes and Control</i> , 2022 , 1	2.8	0
201	DNA methylome-wide association study of genetic risk for depression implicates antigen processing and immune responses.. <i>Genome Medicine</i> , 2022 , 14, 36	14.4	1
200	DNA methylation in peripheral tissues and left-handedness.. <i>Scientific Reports</i> , 2022 , 12, 5606	4.9	0
199	A Combined Proteomics and Mendelian Randomization Approach to Investigate the Effects of Aspirin-Targeted Proteins on Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 564-575	4	2
198	Salicylic Acid and Risk of Colorectal Cancer: A Two-Sample Mendelian Randomization Study. <i>Nutrients</i> , 2021 , 13,	6.7	1
197	Epigenetic modelling of former, current and never smokers. <i>Clinical Epigenetics</i> , 2021 , 13, 206	7.7	3
196	Was the risk of death among the population of teachers and other school workers in England and Wales due to COVID-19 and all causes higher than other occupations during the pandemic in 2020? An ecological study using routinely collected data on deaths from the Office for National Statistics. <i>BMJ Open</i> , 2021 , 11, e050656	3	0
195	Assessing the role of genome-wide DNA methylation between smoking and risk of lung cancer using repeated measurements: the HUNT study. <i>International Journal of Epidemiology</i> , 2021 , 50, 1482-1497	7.8	5
194	Sex-specific longitudinal association of DNA methylation with lung function. <i>ERJ Open Research</i> , 2021 , 7,	3.5	1
193	"Environmental risk factors associated with juvenile idiopathic arthritis associated uveitis: a systematic review of the literature". <i>Journal of Ophthalmic Inflammation and Infection</i> , 2021 , 11, 15	2.3	3
192	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , 2021 , 22, 194	18.3	14

191	Contacts and behaviours of university students during the COVID-19 pandemic at the start of the 2020/2021 academic year. <i>Scientific Reports</i> , 2021 , 11, 11728	4.9	11
190	Association of medically assisted reproduction with offspring cord blood DNA methylation across cohorts. <i>Human Reproduction</i> , 2021 , 36, 2403-2413	5.7	2
189	Neonatal DNA methylation and childhood low prosocial behavior: An epigenome-wide association meta-analysis. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2021 , 186, 228-241	3.5	0
188	The Role of Gallstones in Gallbladder Cancer in India: A Mendelian Randomization Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 396-403	4	2
187	DNA methylation at birth is associated with lung function development until age 26 years. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	5
186	Dietary Quality and Dietary Inflammatory Potential During Pregnancy and Offspring Emotional and Behavioral Symptoms in Childhood: An Individual Participant Data Meta-analysis of Four European Cohorts. <i>Biological Psychiatry</i> , 2021 , 89, 550-559	7.9	5
185	Associations of maternal dietary inflammatory potential and quality with offspring birth outcomes: An individual participant data pooled analysis of 7 European cohorts in the ALPHABET consortium. <i>PLoS Medicine</i> , 2021 , 18, e1003491	11.6	15
184	Pre-adolescence DNA methylation is associated with lung function trajectories from pre-adolescence to adulthood. <i>Clinical Epigenetics</i> , 2021 , 13, 5	7.7	4
183	Transcriptome-wide Mendelian randomization study prioritising novel tissue-dependent genes for glioma susceptibility. <i>Scientific Reports</i> , 2021 , 11, 2329	4.9	0
182	Maternal anxiety during pregnancy and newborn epigenome-wide DNA methylation. <i>Molecular Psychiatry</i> , 2021 , 26, 1832-1845	15.1	6
181	Maternal dietary quality, inflammatory potential and childhood adiposity: an individual participant data pooled analysis of seven European cohorts in the ALPHABET consortium. <i>BMC Medicine</i> , 2021 , 19, 33	11.4	15
180	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
179	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021 , 53, 1311-1321	36.3	27
178	Maternal diet in pregnancy and child's respiratory outcomes: an individual participant data meta-analysis of 18 000 children. <i>European Respiratory Journal</i> , 2021 ,	13.6	3
177	Epigenetic profiling of social communication trajectories and co-occurring mental health problems: a prospective, methylome-wide association study. <i>Development and Psychopathology</i> , 2021 , 1-10	4.3	3
176	Epigenome-wide change and variation in DNA methylation in childhood: trajectories from birth to late adolescence. <i>Human Molecular Genetics</i> , 2021 , 30, 119-134	5.6	15
175	Multi-omics analyses of cognitive traits and psychiatric disorders highlights brain-dependent mechanisms. <i>Human Molecular Genetics</i> , 2021 ,	5.6	4
174	Association between Breastfeeding and DNA Methylation over the Life Course: Findings from the Avon Longitudinal Study of Parents and Children (ALSPAC). <i>Nutrients</i> , 2020 , 12,	6.7	6

173	Cleft lip/palate and educational attainment: cause, consequence or correlation? A Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2020 , 49, 1282-1293	7.8	12
172	Investigating evidence for a causal association between inflammation and self-harm: A multivariable Mendelian Randomisation study. <i>Brain, Behavior, and Immunity</i> , 2020 , 89, 43-50	16.6	1
171	Characterizing the Causal Pathway for Genetic Variants Associated with Neurological Phenotypes Using Human Brain-Derived Proteome Data. <i>American Journal of Human Genetics</i> , 2020 , 106, 885-892	11	15
170	Impact of sex hormone-binding globulin on the human phenome. <i>Human Molecular Genetics</i> , 2020 , 29, 1824-1832	5.6	3
169	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. <i>Genome Medicine</i> , 2020 , 12, 25	14.4	37
168	Identifying epigenetic biomarkers of established prognostic factors and survival in a clinical cohort of individuals with oropharyngeal cancer. <i>Clinical Epigenetics</i> , 2020 , 12, 95	7.7	4
167	Causal relationships between lipid and glycemic levels in an Indian population: A bidirectional Mendelian randomization approach. <i>PLoS ONE</i> , 2020 , 15, e0228269	3.7	2
166	Association Between Genetically Proxied Inhibition of HMG-CoA Reductase and Epithelial Ovarian Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 646-655	27.4	38
165	Smoking, DNA Methylation, and Lung Function: a Mendelian Randomization Analysis to Investigate Causal Pathways. <i>American Journal of Human Genetics</i> , 2020 , 106, 315-326	11	12
164	Associations between high blood pressure and DNA methylation. <i>PLoS ONE</i> , 2020 , 15, e0227728	3.7	18
163	Epigenomics of being bullied: changes in DNA methylation following bullying exposure. <i>Epigenetics</i> , 2020 , 15, 750-764	5.7	8
162	Epigenome-wide association study of seizures in childhood and adolescence. <i>Clinical Epigenetics</i> , 2020 , 12, 8	7.7	5
161	A transcriptome-wide Mendelian randomization study to uncover tissue-dependent regulatory mechanisms across the human phenome. <i>Nature Communications</i> , 2020 , 11, 185	17.4	27
160	Adversity exposure during sensitive periods predicts accelerated epigenetic aging in children. <i>Psychoneuroendocrinology</i> , 2020 , 113, 104484	5	42
159	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020 , 52, 1314-1332	36.3	26
158	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
157	Association between DNA methylation and ADHD symptoms from birth to school age: a prospective meta-analysis. <i>Translational Psychiatry</i> , 2020 , 10, 398	8.6	17
156	DNA methylation signature of passive smoke exposure is less pronounced than active smoking: The Understanding Society study. <i>Environmental Research</i> , 2020 , 190, 109971	7.9	3

155	Epigenetic prediction of complex traits and mortality in a cohort of individuals with oropharyngeal cancer. <i>Clinical Epigenetics</i> , 2020 , 12, 58	7.7	3
154	Changes of DNA methylation are associated with changes in lung function during adolescence. <i>Respiratory Research</i> , 2020 , 21, 80	7.3	8
153	The association of DNA methylation with body mass index: distinguishing between predictors and biomarkers. <i>Clinical Epigenetics</i> , 2020 , 12, 50	7.7	12
152	Adverse childhood experiences, DNA methylation age acceleration, and cortisol in UK children: a prospective population-based cohort study. <i>Clinical Epigenetics</i> , 2020 , 12, 55	7.7	17
151	Causal relationships between lipid and glycemic levels in an Indian population: A bidirectional Mendelian randomization approach 2020 , 15, e0228269		
150	Causal relationships between lipid and glycemic levels in an Indian population: A bidirectional Mendelian randomization approach 2020 , 15, e0228269		
149	Causal relationships between lipid and glycemic levels in an Indian population: A bidirectional Mendelian randomization approach 2020 , 15, e0228269		
148	Causal relationships between lipid and glycemic levels in an Indian population: A bidirectional Mendelian randomization approach 2020 , 15, e0228269		
147	Associations between high blood pressure and DNA methylation 2020 , 15, e0227728		
146	Associations between high blood pressure and DNA methylation 2020 , 15, e0227728		
145	Associations between high blood pressure and DNA methylation 2020 , 15, e0227728		
144	Associations between high blood pressure and DNA methylation 2020 , 15, e0227728		
143	Associations between high blood pressure and DNA methylation 2020 , 15, e0227728		
142	Associations between high blood pressure and DNA methylation 2020 , 15, e0227728		
141	Investigating the added value of biomarkers compared with self-reported smoking in predicting future e-cigarette use: Evidence from a longitudinal UK cohort study 2020 , 15, e0235629		
140	Investigating the added value of biomarkers compared with self-reported smoking in predicting future e-cigarette use: Evidence from a longitudinal UK cohort study 2020 , 15, e0235629		
139	Investigating the added value of biomarkers compared with self-reported smoking in predicting future e-cigarette use: Evidence from a longitudinal UK cohort study 2020 , 15, e0235629		
138	Investigating the added value of biomarkers compared with self-reported smoking in predicting future e-cigarette use: Evidence from a longitudinal UK cohort study 2020 , 15, e0235629		

137	Appraising the causal relevance of DNA methylation for risk of lung cancer. <i>International Journal of Epidemiology</i> , 2019 , 48, 1493-1504	7.8	27
136	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. <i>Epigenomics</i> , 2019 , 11, 1487-1500	4.4	24
135	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 2062-2074	11.5	87
134	Prioritizing putative influential genes in cardiovascular disease susceptibility by applying tissue-specific Mendelian randomization. <i>Genome Medicine</i> , 2019 , 11, 6	14.4	19
133	Hypertensive Disorders of Pregnancy and DNA Methylation in Newborns. <i>Hypertension</i> , 2019 , 74, 375-383	3.5	40
132	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
131	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
130	Response to: Prenatal smoke exposure, DNA methylation and a link between DRD1 and lung cancer. <i>International Journal of Epidemiology</i> , 2019 , 48, 1378-1379	7.8	
129	Using Openly Accessible Resources to Strengthen Causal Inference in Epigenetic Epidemiology of Neurodevelopment and Mental Health. <i>Genes</i> , 2019 , 10,	4.2	7
128	Leveraging brain cortex-derived molecular data to elucidate epigenetic and transcriptomic drivers of complex traits and disease. <i>Translational Psychiatry</i> , 2019 , 9, 105	8.6	8
127	Genetic and observational evidence supports a causal role of sex hormones on the development of asthma. <i>Thorax</i> , 2019 , 74, 633-642	7.3	17
126	Newborn DNA-methylation, childhood lung function, and the risks of asthma and COPD across the life course. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	32
125	Exploring a potential mechanistic role of DNA methylation in the relationship between in utero and post-natal environmental exposures and risk of childhood acute lymphoblastic leukaemia. <i>International Journal of Cancer</i> , 2019 , 145, 2933-2943	7.5	9
124	Appraising the role of previously reported risk factors in epithelial ovarian cancer risk: A Mendelian randomization analysis. <i>PLoS Medicine</i> , 2019 , 16, e1002893	11.6	32
123	Epigenome-wide association study of asthma and wheeze characterizes loci within. <i>Allergy, Asthma and Clinical Immunology</i> , 2019 , 15, 43	3.2	7
122	Investigating causal relations between sleep traits and risk of breast cancer in women: mendelian randomisation study. <i>BMJ, The</i> , 2019 , 365, l2327	5.9	36
121	A Phenome-Wide Mendelian Randomization Study of Pancreatic Cancer Using Summary Genetic Data. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019 , 28, 2070-2078	4	17
120	An integrative approach to detect epigenetic mechanisms that putatively mediate the influence of lifestyle exposures on disease susceptibility. <i>International Journal of Epidemiology</i> , 2019 , 48, 887-898	7.8	8

119	DNA methylation links prenatal smoking exposure to later life health outcomes in offspring. <i>Clinical Epigenetics</i> , 2019 , 11, 97	7.7	42
118	Epigenetics and gestational diabetes: a review of epigenetic epidemiology studies and their use to explore epigenetic mediation and improve prediction. <i>Diabetologia</i> , 2019 , 62, 2171-2178	10.3	26
117	Residential exposure to radon and DNA methylation across the lifecourse: an exploratory study in the ALSPAC birth cohort. <i>Wellcome Open Research</i> , 2019 , 4, 3	4.8	5
116	Guidelines for performing Mendelian randomization investigations. <i>Wellcome Open Research</i> , 2019 , 4, 186	4.8	154
115	Guidelines for performing Mendelian randomization investigations. <i>Wellcome Open Research</i> , 2019 , 4, 186	4.8	133
114	Residential exposure to radon and DNA methylation across the lifecourse: an exploratory study in the ALSPAC birth cohort. <i>Wellcome Open Research</i> , 2019 , 4, 3	4.8	4
113	Sensitive Periods for the Effect of Childhood Adversity on DNA Methylation: Results From a Prospective, Longitudinal Study. <i>Biological Psychiatry</i> , 2019 , 85, 838-849	7.9	115
112	A randomized controlled trial of folic acid intervention in pregnancy highlights a putative methylation-regulated control element at ZFP57. <i>Clinical Epigenetics</i> , 2019 , 11, 31	7.7	22
111	Maternal pre-pregnancy obesity, offspring cord blood DNA methylation, and offspring cardiometabolic health in early childhood: an epigenome-wide association study. <i>Epigenetics</i> , 2019 , 14, 325-340	5.7	27
110	DNA Methylation Signatures of Breastfeeding in Buccal Cells Collected in Mid-Childhood. <i>Nutrients</i> , 2019 , 11,	6.7	9
109	Deriving the Dietary Approaches to Stop Hypertension (DASH) Score in Women from Seven Pregnancy Cohorts from the European ALPHABET Consortium. <i>Nutrients</i> , 2019 , 11,	6.7	10
108	Changes in DNA methylation from pre- to post-adolescence are associated with pubertal exposures. <i>Clinical Epigenetics</i> , 2019 , 11, 176	7.7	11
107	DNA methylation aging clocks: challenges and recommendations. <i>Genome Biology</i> , 2019 , 20, 249	18.3	248
106	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
105	Investigating the impact of cigarette smoking behaviours on DNA methylation patterns in adolescence. <i>Human Molecular Genetics</i> , 2019 , 28, 155-165	5.6	13
104	The effect of body mass index on smoking behaviour and nicotine metabolism: a Mendelian randomization study. <i>Human Molecular Genetics</i> , 2019 , 28, 1322-1330	5.6	25
103	Evidence for DNA methylation mediating genetic liability to non-syndromic cleft lip/palate. <i>Epigenomics</i> , 2019 , 11, 133-145	4.4	14
102	Differential methylation of the type 2 diabetes susceptibility locus KCNQ1 is associated with insulin sensitivity and is predicted by CpG site specific genetic variation. <i>Diabetes Research and Clinical Practice</i> , 2019 , 148, 189-199	7.4	8

101	Is high vitamin B12 status a cause of lung cancer?. <i>International Journal of Cancer</i> , 2019 , 145, 1499-1503	7.5	33
100	Tracking the Epigenetic Clock Across the Human Life Course: A Meta-analysis of Longitudinal Cohort Data. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 57-61	6.4	45
99	Longitudinal analysis strategies for modelling epigenetic trajectories. <i>International Journal of Epidemiology</i> , 2018 , 47, 516-525	7.8	8
98	Psychosocial adversity and socioeconomic position during childhood and epigenetic age: analysis of two prospective cohort studies. <i>Human Molecular Genetics</i> , 2018 , 27, 1301-1308	5.6	75
97	Impaired functional vitamin B6 status is associated with increased risk of lung cancer. <i>International Journal of Cancer</i> , 2018 , 142, 2425-2434	7.5	9
96	Exploring the utility of alcohol flushing as an instrumental variable for alcohol intake in Koreans. <i>Scientific Reports</i> , 2018 , 8, 458	4.9	12
95	DNA Methylome Marks of Exposure to Particulate Matter at Three Time Points in Early Life. <i>Environmental Science & Technology</i> , 2018 , 52, 5427-5437	10.3	17
94	The long-term impact of folic acid in pregnancy on offspring DNA methylation: follow-up of the Aberdeen Folic Acid Supplementation Trial (FAST). <i>International Journal of Epidemiology</i> , 2018 , 47, 928-937	7.8	32
93	The Value of Biosamples in Smoking Cessation Trials: A Review of Genetic, Metabolomic, and Epigenetic Findings. <i>Nicotine and Tobacco Research</i> , 2018 , 20, 403-413	4.9	10
92	Neonatal DNA methylation and early-onset conduct problems: A genome-wide, prospective study. <i>Development and Psychopathology</i> , 2018 , 30, 383-397	4.3	26
91	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018 , 47, 22-23	7.8	62
90	Inflammation-related epigenetic risk and child and adolescent mental health: A prospective study from pregnancy to middle adolescence. <i>Development and Psychopathology</i> , 2018 , 30, 1145-1156	4.3	19
89	Age-related DNA methylation changes are tissue-specific with ELOVL2 promoter methylation as exception. <i>Epigenetics and Chromatin</i> , 2018 , 11, 25	5.8	76
88	Identification of loci where DNA methylation potentially mediates genetic risk of type 1 diabetes. <i>Journal of Autoimmunity</i> , 2018 , 93, 66-75	15.5	14
87	Genome-wide survey of parent-of-origin effects on DNA methylation identifies candidate imprinted loci in humans. <i>Human Molecular Genetics</i> , 2018 , 27, 2927-2939	5.6	15
86	DNA methylation as a marker for prenatal smoke exposure in adults. <i>International Journal of Epidemiology</i> , 2018 , 47, 1120-1130	7.8	64
85	Systematic Mendelian randomization framework elucidates hundreds of CpG sites which may mediate the influence of genetic variants on disease. <i>Human Molecular Genetics</i> , 2018 , 27, 3293-3304	5.6	40
84	Author response: The MR-Base platform supports systematic causal inference across the human phenome 2018 ,		17

83	Statistical and integrative system-level analysis of DNA methylation data. <i>Nature Reviews Genetics</i> , 2018 , 19, 129-147	30.1	153
82	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
81	A Methylome-Wide Association Study of Trajectories of Oppositional Defiant Behaviors and Biological Overlap With Attention Deficit Hyperactivity Disorder. <i>Child Development</i> , 2018 , 89, 1839-1854	4.9	13
80	Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. <i>EBioMedicine</i> , 2018 , 38, 206-216	8.8	19
79	Associations of sex hormone-binding globulin and testosterone with genome-wide DNA methylation. <i>BMC Genetics</i> , 2018 , 19, 113	2.6	9
78	Use of Mendelian randomization for identifying risk factors for brain tumors. <i>Frontiers in Genetics</i> , 2018 , 9, 525	4.5	12
77	Maternal smoking during pregnancy and autism: using causal inference methods in a birth cohort study. <i>Translational Psychiatry</i> , 2018 , 8, 262	8.6	19
76	Autosomal genetic variation is associated with DNA methylation in regions variably escaping X-chromosome inactivation. <i>Nature Communications</i> , 2018 , 9, 3738	17.4	12
75	DNA methylation derived systemic inflammation indices are associated with head and neck cancer development and survival. <i>Oral Oncology</i> , 2018 , 85, 87-94	4.4	9
74	Assessing the Role of DNA Methylation-Derived Neutrophil-to-Lymphocyte Ratio in Rheumatoid Arthritis. <i>Journal of Immunology Research</i> , 2018 , 2018, 2624981	4.5	8
73	Role of obesity in smoking behaviour: Mendelian randomisation study in UK Biobank. <i>BMJ</i> , 2018 , 361, k1767	5.9	66
72	Circulating Selenium and Prostate Cancer Risk: A Mendelian Randomization Analysis. <i>Journal of the National Cancer Institute</i> , 2018 , 110, 1035-1038	9.7	39
71	The MR-Base platform supports systematic causal inference across the human phenome. <i>ELife</i> , 2018 , 7,	8.9	1190
70	Causal Inference in Cancer Epidemiology: What Is the Role of Mendelian Randomization?. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 995-1010	4	43
69	The epigenetic clock and physical development during childhood and adolescence: longitudinal analysis from a UK birth cohort. <i>International Journal of Epidemiology</i> , 2017 , 46, 549-558	7.8	60
68	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. <i>JAMA Oncology</i> , 2017 , 3, 636-651	13.4	236
67	Role of DNA Methylation in Type 2 Diabetes Etiology: Using Genotype as a Causal Anchor. <i>Diabetes</i> , 2017 , 66, 1713-1722	0.9	25
66	Circulating concentrations of biomarkers and metabolites related to vitamin status, one-carbon and the kynurenine pathways in US, Nordic, Asian, and Australian populations. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1314-1326	7	13

65	Longitudinal epigenetic predictors of amygdala:hippocampus volume ratio. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017 , 58, 1341-1350	7.9	17
64	(cg05575921) hypomethylation marks smoking behaviour, morbidity and mortality. <i>Thorax</i> , 2017 , 72, 646-653	7.3	82
63	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017 , 541, 81-86	50.4	511
62	Mendelian Randomization Analysis Identifies CpG Sites as Putative Mediators for Genetic Influences on Cardiovascular Disease Risk. <i>American Journal of Human Genetics</i> , 2017 , 101, 590-602	11	44
61	Epigenome-wide association study of asthma and wheeze in childhood and adolescence. <i>Clinical Epigenetics</i> , 2017 , 9, 112	7.7	43
60	The Role of Obesity, Type 2 Diabetes, and Metabolic Factors in Pancreatic Cancer: A Mendelian Randomization Study. <i>Journal of the National Cancer Institute</i> , 2017 , 109,	9.7	123
59	Are objective measures of physical capability related to accelerated epigenetic age? Findings from a British birth cohort. <i>BMJ Open</i> , 2017 , 7, e016708	3	24
58	Distinct DNA methylation profiles in subtypes of orofacial cleft. <i>Clinical Epigenetics</i> , 2017 , 9, 63	7.7	58
57	Prenatal unhealthy diet, insulin-like growth factor 2 gene (IGF2) methylation, and attention deficit hyperactivity disorder symptoms in youth with early-onset conduct problems. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017 , 58, 19-27	7.9	51
56	DNA methylation changes measured in pre-diagnostic peripheral blood samples are associated with smoking and lung cancer risk. <i>International Journal of Cancer</i> , 2017 , 140, 50-61	7.5	83
55	Breastfeeding effects on DNA methylation in the offspring: A systematic literature review. <i>PLoS ONE</i> , 2017 , 12, e0173070	3.7	36
54	Sex discordance in asthma and wheeze prevalence in two longitudinal cohorts. <i>PLoS ONE</i> , 2017 , 12, e0176293	6.2	20
53	Obesity, metabolic factors and risk of different histological types of lung cancer: A Mendelian randomization study. <i>PLoS ONE</i> , 2017 , 12, e0177875	3.7	56
52	The causal relevance of body mass index in different histological types of lung cancer: A Mendelian randomization study. <i>Scientific Reports</i> , 2016 , 6, 31121	4.9	23
51	DNA Methylation and BMI: Investigating Identified Methylation Sites at HIF3A in a Causal Framework. <i>Diabetes</i> , 2016 , 65, 1231-44	0.9	76
50	An epigenome-wide association meta-analysis of prenatal maternal stress in neonates: A model approach for replication. <i>Epigenetics</i> , 2016 , 11, 140-9	5.7	62
49	Best (but oft-forgotten) practices: the design, analysis, and interpretation of Mendelian randomization studies. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 965-78	7	245
48	Prenatal and early life influences on epigenetic age in children: a study of mother-offspring pairs from two cohort studies. <i>Human Molecular Genetics</i> , 2016 , 25, 191-201	5.6	153

47	Collapsed methylation quantitative trait loci analysis for low frequency and rare variants. <i>Human Molecular Genetics</i> , 2016 , 25, 4339-4349	5.6	7
46	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
45	Systematic identification of genetic influences on methylation across the human life course. <i>Genome Biology</i> , 2016 , 17, 61	18.3	331
44	DNA methylation as a potential mediator of environmental risks in the development of childhood acute lymphoblastic leukemia. <i>Epigenomics</i> , 2016 , 8, 519-36	4.4	21
43	Prenatal exposure to maternal smoking and offspring DNA methylation across the lifecourse: findings from the Avon Longitudinal Study of Parents and Children (ALSPAC). <i>Human Molecular Genetics</i> , 2015 , 24, 2201-17	5.6	256
42	Data Resource Profile: Accessible Resource for Integrated Epigenomic Studies (ARIES). <i>International Journal of Epidemiology</i> , 2015 , 44, 1181-90	7.8	162
41	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2015 , 47, 1449-1456	36.3	329
40	DNA methylation mediates the effect of maternal smoking during pregnancy on birthweight of the offspring. <i>International Journal of Epidemiology</i> , 2015 , 44, 1224-37	7.8	130
39	Characterization of whole-genome autosomal differences of DNA methylation between men and women. <i>Epigenetics and Chromatin</i> , 2015 , 8, 43	5.8	111
38	Alcohol intake and cardiovascular risk factors: A Mendelian randomisation study. <i>Scientific Reports</i> , 2015 , 5, 18422	4.9	52
37	Maternal pre-pregnancy BMI and gestational weight gain, offspring DNA methylation and later offspring adiposity: findings from the Avon Longitudinal Study of Parents and Children. <i>International Journal of Epidemiology</i> , 2015 , 44, 1288-304	7.8	181
36	Mendelian randomization: applications and limitations in epigenetic studies. <i>Epigenomics</i> , 2015 , 7, 1239-43	4.1	41
35	Longitudinal analysis of DNA methylation associated with birth weight and gestational age. <i>Human Molecular Genetics</i> , 2015 , 24, 3752-63	5.6	91
34	Hypomethylation of smoking-related genes is associated with future lung cancer in four prospective cohorts. <i>Nature Communications</i> , 2015 , 6, 10192	17.4	144
33	Differences in smoking associated DNA methylation patterns in South Asians and Europeans. <i>Clinical Epigenetics</i> , 2014 , 6, 4	7.7	176
32	Approaches for drawing causal inferences from epidemiological birth cohorts: a review. <i>Early Human Development</i> , 2014 , 90, 769-80	2.2	91
31	DNA methylation signatures in cord blood associated with maternal gestational weight gain: results from the ALSPAC cohort. <i>BMC Research Notes</i> , 2014 , 7, 278	2.3	53
30	A structural equation modelling approach to explore the role of B vitamins and immune markers in lung cancer risk. <i>European Journal of Epidemiology</i> , 2013 , 28, 677-88	12.1	13

29	Migration and DNA methylation: a comparison of methylation patterns in type 2 diabetes susceptibility genes between indians and europeans. <i>Journal of Diabetes Research & Clinical Metabolism</i> , 2013 , 2, 6	0	4
28	Two-step epigenetic Mendelian randomization: a strategy for establishing the causal role of epigenetic processes in pathways to disease. <i>International Journal of Epidemiology</i> , 2012 , 41, 161-76	7.8	273
27	The role of longitudinal cohort studies in epigenetic epidemiology: challenges and opportunities 2012 , 13, 246		50
26	DNA methylation patterns in cord blood DNA and body size in childhood. <i>PLoS ONE</i> , 2012 , 7, e31821	3.7	118
25	Birth weight and early socio-economic disadvantage as predictors of sex hormones and sex hormone binding globulin in men at age 49-51 years. <i>American Journal of Human Biology</i> , 2011 , 23, 185-9 ²⁻⁷		3
24	Epigenetic epidemiology of common complex disease: prospects for prediction, prevention, and treatment. <i>PLoS Medicine</i> , 2010 , 7, e1000356	11.6	165
23	Folic acid supplementation and social deprivation. <i>Public Health Nutrition</i> , 2005 , 8, 338-40	3.3	14
22	Folate status and genetic selection. <i>Nature Reviews Genetics</i> , 2005 , 6, 248-248	30.1	
21	The influence of erythrocyte folate and serum vitamin B12 status on birth weight. <i>British Journal of Nutrition</i> , 2005 , 93, 593-9	3.6	101
20	Low erythrocyte folate status and polymorphic variation in folate-related genes are associated with risk of neural tube defect pregnancy. <i>Molecular Genetics and Metabolism</i> , 2004 , 81, 273-81	3.7	77
19	Identifying epigenetic biomarkers of established prognostic factors and survival in a clinical cohort of individuals with oropharyngeal cancer		1
18	MR-Base: a platform for systematic causal inference across the phenome using billions of genetic associations		77
17	Sex-associated autosomal DNA methylation differences are wide-spread and stable throughout childhood		14
16	Meffil: efficient normalisation and analysis of very large DNA methylation samples		16
15	Investigating the added value of biomarkers compared with self-reported smoking in predicting future e-cigarette use: Evidence from a longitudinal UK cohort study		4
14	Paternal body mass index and offspring DNA methylation: findings from the PACE consortium		2
13	Epigenome-wide change and variation in DNA methylation from birth to late adolescence		2
12	Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing		8

11	A combined proteomics and Mendelian randomization approach to investigate the effects of aspirin-targeted proteins on colorectal cancer	1
10	Genomic and phenomic insights from an atlas of genetic effects on DNA methylation	7
9	COVID-19 transmission in a university setting: a rapid review of modelling studies	12
8	High COVID-19 transmission potential associated with re-opening universities can be mitigated with layered interventions	13
7	Contacts and behaviours of university students during the COVID-19 pandemic at the start of the 2020/21 academic year	3
6	Systematic evaluation of the causal relationship between DNA methylation and C-reactive protein	3
5	A transcriptome-wide Mendelian randomization study to uncover tissue-dependent regulatory mechanisms across the human phenome	2
4	Association between breastfeeding and DNA methylation over the life course: findings from the Avon Longitudinal Study of Parents and Children (ALSPAC)	2
3	Modelling pooling strategies for SARS-CoV-2 testing in a university setting. <i>Wellcome Open Research</i> , 6, 70	4.8 1
2	The EWAS Catalog: a database of epigenome-wide association studies	13
1	University students and staff able to maintain low daily contact numbers during various COVID-19 guideline periods	1