

# Rebecca C Richmond

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7455848/publications.pdf>

Version: 2024-02-01

105  
papers

8,592  
citations

101384

36  
h-index

60497

81  
g-index

137  
all docs

137  
docs citations

137  
times ranked

11084  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strengthening the Reporting of Observational Studies in Epidemiology Using Mendelian Randomization. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 1614.	3.8	829
2	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017, 541, 81-86.	13.7	743
3	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016, 98, 680-696.	2.6	717
4	Strengthening the reporting of observational studies in epidemiology using mendelian randomisation (STROBE-MR): explanation and elaboration. <i>BMJ, The</i> , 2021, 375, n2233.	3.0	408
5	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.	9.4	402
6	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, 2201-2217.	1.4	345
7	Evidence for causal effects of lifetime smoking on risk for depression and schizophrenia: a Mendelian randomisation study. <i>Psychological Medicine</i> , 2020, 50, 2435-2443.	2.7	324
8	Metabolic Signatures of Adiposity in Young Adults: Mendelian Randomization Analysis and Effects of Weight Change. <i>PLoS Medicine</i> , 2014, 11, e1001765.	3.9	271
9	Mendelian randomisation for mediation analysis: current methods and challenges for implementation. <i>European Journal of Epidemiology</i> , 2021, 36, 465-478.	2.5	268
10	Biological and clinical insights from genetics of insomnia symptoms. <i>Nature Genetics</i> , 2019, 51, 387-393.	9.4	250
11	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, 1288-1304.	0.9	244
12	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1129.	3.8	220
13	Mendelian Randomization: Concepts and Scope. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2022, 12, a040501.	2.9	214
14	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. <i>Human Molecular Genetics</i> , 2017, 26, 4067-4085.	1.4	211
15	Prenatal Exposure to Maternal Cigarette Smoking and DNA Methylation: Epigenome-Wide Association in a Discovery Sample of Adolescents and Replication in an Independent Cohort at Birth through 17 Years of Age. <i>Environmental Health Perspectives</i> , 2015, 123, 193-199.	2.8	178
16	DNA methylation mediates the effect of maternal smoking during pregnancy on birthweight of the offspring. <i>International Journal of Epidemiology</i> , 2015, 44, 1224-1237.	0.9	172
17	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.	1.4	156
18	Assessing Causality in the Association between Child Adiposity and Physical Activity Levels: A Mendelian Randomization Analysis. <i>PLoS Medicine</i> , 2014, 11, e1001618.	3.9	147

#	ARTICLE	IF	CITATIONS
19	BMI as a Modifiable Risk Factor for Type 2 Diabetes: Refining and Understanding Causal Estimates Using Mendelian Randomization. <i>Diabetes</i> , 2016, 65, 3002-3007.	0.3	144
20	Genome-wide association analysis of self-reported daytime sleepiness identifies 42 loci that suggest biological subtypes. <i>Nature Communications</i> , 2019, 10, 3503.	5.8	117
21	Using Mendelian randomization to determine causal effects of maternal pregnancy (intrauterine) exposures on offspring outcomes: Sources of bias and methods for assessing them. <i>Wellcome Open Research</i> , 2017, 2, 11.	0.9	112
22	Causal Inference in Cancer Epidemiology: What Is the Role of Mendelian Randomization?. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 995-1010.	1.1	109
23	DNA methylation as a marker for prenatal smoke exposure in adults. <i>International Journal of Epidemiology</i> , 2018, 47, 1120-1130.	0.9	108
24	Approaches for drawing causal inferences from epidemiological birth cohorts: A review. <i>Early Human Development</i> , 2014, 90, 769-780.	0.8	107
25	DNA Methylation and BMI: Investigating Identified Methylation Sites at <i>HIF3A</i> in a Causal Framework. <i>Diabetes</i> , 2016, 65, 1231-1244.	0.3	95
26	DNA methylation links prenatal smoking exposure to later life health outcomes in offspring. <i>Clinical Epigenetics</i> , 2019, 11, 97.	1.8	88
27	Investigating causal relations between sleep traits and risk of breast cancer in women: mendelian randomisation study. <i>BMJ: British Medical Journal</i> , 2019, 365, l2327.	2.4	79
28	Influence of puberty timing on adiposity and cardiometabolic traits: A Mendelian randomisation study. <i>PLoS Medicine</i> , 2018, 15, e1002641.	3.9	77
29	Dietary Intake, <i>FTO</i> Genetic Variants, and Adiposity: A Combined Analysis of Over 16,000 Children and Adolescents. <i>Diabetes</i> , 2015, 64, 2467-2476.	0.3	74
30	Using Genetic Variation to Explore the Causal Effect of Maternal Pregnancy Adiposity on Future Offspring Adiposity: A Mendelian Randomisation Study. <i>PLoS Medicine</i> , 2017, 14, e1002221.	3.9	71
31	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. <i>Epigenomics</i> , 2019, 11, 1487-1500.	1.0	64
32	Epigenome-wide association study of asthma and wheeze in childhood and adolescence. <i>Clinical Epigenetics</i> , 2017, 9, 112.	1.8	60
33	The long-term impact of folic acid in pregnancy on offspring DNA methylation: follow-up of the Aberdeen Folic Acid Supplementation Trial (AFast). <i>International Journal of Epidemiology</i> , 2018, 47, 928-937.	0.9	56
34	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.	1.4	56
35	Appraising the causal relevance of DNA methylation for risk of lung cancer. <i>International Journal of Epidemiology</i> , 2019, 48, 1493-1504.	0.9	53
36	A multivariable Mendelian randomization analysis investigating smoking and alcohol consumption in oral and oropharyngeal cancer. <i>Nature Communications</i> , 2020, 11, 6071.	5.8	51

#	ARTICLE	IF	CITATIONS
37	Paradoxical Relationship Between Body Mass Index and Thyroid Hormone Levels: A Study Using Mendelian Randomization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 730-738.	1.8	40
38	Investigating the effects of lycopene and green tea on the metabolome of men at risk of prostate cancer: The ProDiet randomised controlled trial. <i>International Journal of Cancer</i> , 2019, 144, 1918-1928.	2.3	37
39	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.	1.8	36
40	Associations of device-measured physical activity across adolescence with metabolic traits: Prospective cohort study. <i>PLoS Medicine</i> , 2018, 15, e1002649.	3.9	35
41	Maternal smoking during pregnancy and autism: using causal inference methods in a birth cohort study. <i>Translational Psychiatry</i> , 2018, 8, 262.	2.4	34
42	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.	2.6	32
43	Is disrupted sleep a risk factor for Alzheimer's disease? Evidence from a two-sample Mendelian randomization analysis. <i>International Journal of Epidemiology</i> , 2021, 50, 817-828.	0.9	31
44	Physical activity and longevity: how to move closer to causal inference. <i>British Journal of Sports Medicine</i> , 2018, 52, 890-891.	3.1	29
45	Genetic and observational evidence supports a causal role of sex hormones on the development of asthma. <i>Thorax</i> , 2019, 74, 633-642.	2.7	25
46	Assessing the Causal Role of Sleep Traits on Glycated Hemoglobin: A Mendelian Randomization Study. <i>Diabetes Care</i> , 2022, 45, 772-781.	4.3	25
47	Exploring possible epigenetic mediation of early-life environmental exposures on adiposity and obesity development: Figure 1.. <i>International Journal of Epidemiology</i> , 2015, 44, 1191-1198.	0.9	24
48	A Phenome-Wide Mendelian Randomization Study of Pancreatic Cancer Using Summary Genetic Data. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 2070-2078.	1.1	24
49	Testing the validity of value-added measures of educational progress with genetic data. <i>British Educational Research Journal</i> , 2018, 44, 725-747.	1.4	23
50	Commentary: Orienting causal relationships between two phenotypes using bidirectional Mendelian randomization. <i>International Journal of Epidemiology</i> , 2019, 48, 907-911.	0.9	23
51	Contrasting the effects of intra-uterine smoking and one-carbon micronutrient exposures on offspring DNA methylation. <i>Epigenomics</i> , 2017, 9, 351-367.	1.0	22
52	Mixed evidence for the relationship between periodontitis and Alzheimer's disease: A bidirectional Mendelian randomization study. <i>PLoS ONE</i> , 2020, 15, e0228206.	1.1	22
53	The relationships between women's reproductive factors: a Mendelian randomisation analysis. <i>BMC Medicine</i> , 2022, 20, 103.	2.3	21
54	Assessing the causal role of epigenetic clocks in the development of multiple cancers: a Mendelian randomization study. <i>ELife</i> , 2022, 11, .	2.8	19

#	ARTICLE	IF	CITATIONS
55	Investigating the impact of cigarette smoking behaviours on DNA methylation patterns in adolescence. <i>Human Molecular Genetics</i> , 2019, 28, 155-165.	1.4	18
56	DNA methylation derived systemic inflammation indices are associated with head and neck cancer development and survival. <i>Oral Oncology</i> , 2018, 85, 87-94.	0.8	17
57	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.	1.8	17
58	Investigating the transparency of reporting in two-sample summary data Mendelian randomization studies using the MR-Base platform. <i>International Journal of Epidemiology</i> , 2022, 51, 1943-1956.	0.9	17
59	Effects of promoting longer-term and exclusive breastfeeding on childhood eating attitudes: a cluster-randomized trial. <i>International Journal of Epidemiology</i> , 2014, 43, 1263-1271.	0.9	16
60	Exploiting collider bias to apply two-sample summary data Mendelian randomization methods to one-sample individual level data. <i>PLoS Genetics</i> , 2021, 17, e1009703.	1.5	16
61	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.	0.9	15
62	Using genetic variants to evaluate the causal effect of cholesterol lowering on head and neck cancer risk: A Mendelian randomization study. <i>PLoS Genetics</i> , 2021, 17, e1009525.	1.5	15
63	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.	0.9	14
64	Investigating the relationships between unfavourable habitual sleep and metabolomic traits: evidence from multi-cohort multivariable regression and Mendelian randomization analyses. <i>BMC Medicine</i> , 2021, 19, 69.	2.3	14
65	Do sex hormones confound or mediate the effect of chronotype on breast and prostate cancer? A Mendelian randomization study. <i>PLoS Genetics</i> , 2022, 18, e1009887.	1.5	14
66	Exploring the causal effect of maternal pregnancy adiposity on offspring adiposity: Mendelian randomisation using polygenic risk scores. <i>BMC Medicine</i> , 2022, 20, 34.	2.3	14
67	Validation and characterisation of a DNA methylation alcohol biomarker across the life course. <i>Clinical Epigenetics</i> , 2019, 11, 163.	1.8	13
68	Deciphering how early life adiposity influences breast cancer risk using Mendelian randomization. <i>Communications Biology</i> , 2022, 5, 337.	2.0	13
69	Assessment of Offspring DNA Methylation across the Lifecourse Associated with Prenatal Maternal Smoking Using Bayesian Mixture Modelling. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 14461-14476.	1.2	12
70	The Role of Gallstones in Gallbladder Cancer in India: A Mendelian Randomization Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 396-403.	1.1	11
71	Multi-omics analyses of cognitive traits and psychiatric disorders highlight brain-dependent mechanisms. <i>Human Molecular Genetics</i> , 2023, 32, 885-896.	1.4	11
72	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.	1.1	10

#	ARTICLE	IF	CITATIONS
73	Selection into shift work is influenced by educational attainment and body mass index: a Mendelian randomization study in the UK Biobank. <i>International Journal of Epidemiology</i> , 2021, 50, 1229-1240.	0.9	9
74	Investigating the effect of sexual behaviour on oropharyngeal cancer risk: a methodological assessment of Mendelian randomization. <i>BMC Medicine</i> , 2022, 20, 40.	2.3	9
75	Epigenetic prediction of complex traits and mortality in a cohort of individuals with oropharyngeal cancer. <i>Clinical Epigenetics</i> , 2020, 12, 58.	1.8	8
76	Causal Inference with Genetic Data: Past, Present, and Future. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2022, 12, a041271.	2.9	8
77	A systematic review protocol examining workplace interventions that aim to improve employee health and wellbeing in male-dominated industries. <i>Systematic Reviews</i> , 2020, 9, 10.	2.5	7
78	Applying Mendelian randomization to appraise causality in relationships between nutrition and cancer. <i>Cancer Causes and Control</i> , 2022, 33, 631-652.	0.8	7
79	Investigating the added value of biomarkers compared with self-reported smoking in predicting future e-cigarette use: Evidence from a longitudinal UK cohort study. <i>PLoS ONE</i> , 2020, 15, e0235629.	1.1	6
80	DNA methylation signature of passive smoke exposure is less pronounced than active smoking: The Understanding Society study. <i>Environmental Research</i> , 2020, 190, 109971.	3.7	6
81	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.	1.8	6
82	Workplace interventions that aim to improve employee health and well-being in male-dominated industries: a systematic review. <i>Occupational and Environmental Medicine</i> , 2022, 79, 77-87.	1.3	6
83	Mendelian randomization analysis of the causal impact of body mass index and waist-hip ratio on rates of hospital admission. <i>Economics and Human Biology</i> , 2022, 44, 101088.	0.7	6
84	Investigating the DNA methylation profile of e-cigarette use. <i>Clinical Epigenetics</i> , 2021, 13, 183.	1.8	5
85	Recent Findings on the Genetics of Obesity: Is there Public Health Relevance?. <i>Current Nutrition Reports</i> , 2012, 1, 239-248.	2.1	3
86	The Association of Early Childhood Cognitive Development and Behavioural Difficulties with Pre-Adolescent Problematic Eating Attitudes. <i>PLoS ONE</i> , 2014, 9, e104132.	1.1	3
87	Genetic Analyses of Common Infections in the Avon Longitudinal Study of Parents and Children Cohort. <i>Frontiers in Immunology</i> , 2021, 12, 727457.	2.2	3
88	Salicylic Acid and Risk of Colorectal Cancer: A Two-Sample Mendelian Randomization Study. <i>Nutrients</i> , 2021, 13, 4164.	1.7	3
89	Letter regarding, "Association between the use of aspirin and risk of lung cancer: results from pooled cohorts and Mendelian randomization analyses". <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 2171-2173.	1.2	2
90	Impact of In Utero Folate Exposure on DNA Methylation and Its Potential Relevance for Later Life Health: Evidence from Mouse Models Translated to Human Cohorts. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100789.	1.5	2

#	ARTICLE	IF	CITATIONS
91	Examining Health Outcomes in Juvenile Idiopathic Arthritis: A Genetic Epidemiology Study. <i>ACR Open Rheumatology</i> , 2022, , .	0.9	1
92	Metabolic disorders and the risk of head and neck cancer: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2022, 12, e058392.	0.8	1
93	0824 Using Mendelian Randomization To Understand How Chronotype Influences Breast Cancer Risk. <i>Sleep</i> , 2019, 42, A330-A331.	0.6	0
94	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.	0.9	0
95	146Mendelian randomisation for mediation analysis: current methods and challenges for implementation. <i>International Journal of Epidemiology</i> , 2021, 50, .	0.9	0
96	Title is missing!. , 2020, 15, e0228206.		0
97	Title is missing!. , 2020, 15, e0228206.		0
98	Title is missing!. , 2020, 15, e0228206.		0
99	Title is missing!. , 2020, 15, e0228206.		0
100	Title is missing!. , 2020, 15, e0228206.		0
101	Title is missing!. , 2020, 15, e0228206.		0
102	Title is missing!. , 2020, 15, e0235629.		0
103	Title is missing!. , 2020, 15, e0235629.		0
104	Title is missing!. , 2020, 15, e0235629.		0
105	Title is missing!. , 2020, 15, e0235629.		0