

# G C Sharp

## 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.

52  
papers

2,394  
citations

25  
h-index

48  
g-index

63  
ext. papers

3,414  
ext. citations

7.7  
avg, IF

4.66  
L-index

#	Paper	IF	Citations
52	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , <b>2016</b> , 98, 680-96	11	489
51	Collider bias undermines our understanding of COVID-19 disease risk and severity. <i>Nature Communications</i> , <b>2020</b> , 11, 5749	17.4	274
50	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> , <b>2015</b> , 44, 1288-304	7.8	181
49	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> , <b>2016</b> , 25, 191-201	5.6	153
48	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> , <b>2017</b> , 26, 4067-4085	5.6	151
47	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 2062-2074	11.5	87
46	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , <b>2019</b> , 10, 1893	17.4	79
45	DNA Methylation and BMI: Investigating Identified Methylation Sites at HIF3A in a Causal Framework. <i>Diabetes</i> , <b>2016</b> , 65, 1231-44	0.9	76
44	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , <b>2018</b> , 47, 22-23u	7.8	62
43	Distinct DNA methylation profiles in subtypes of orofacial cleft. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 63	7.7	58
42	It's the mother!: How assumptions about the causal primacy of maternal effects influence research on the developmental origins of health and disease. <i>Social Science and Medicine</i> , <b>2018</b> , 213, 20-27	5.1	47
41	Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium. <i>Diabetes Care</i> , <b>2020</b> , 43, 98-105	14.6	45
40	Epigenome-wide association study of asthma and wheeze in childhood and adolescence. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 112	7.7	43
39	Maternal alcohol consumption and offspring DNA methylation: findings from six general population-based birth cohorts. <i>Epigenomics</i> , <b>2018</b> , 10, 27-42	4.4	43
38	Collider bias undermines our understanding of COVID-19 disease risk and severity		41
37	Hypertensive Disorders of Pregnancy and DNA Methylation in Newborns. <i>Hypertension</i> , <b>2019</b> , 74, 375-388.5		40
36	Exploring a causal role of DNA methylation in the relationship between maternal vitamin B12 during pregnancy and child's IQ at age 8, cognitive performance and educational attainment: a two-step Mendelian randomization study. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 3001-3013	5.6	38

35	Newborn DNA-methylation, childhood lung function, and the risks of asthma and COPD across the life course. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	32
34	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> , <b>2018</b> , 47, 928-937	7.8	32
33	Paternal impact on the life course development of obesity and type 2 diabetes in the offspring. <i>Diabetologia</i> , <b>2019</b> , 62, 1802-1810	10.3	27
32	Maternal pre-pregnancy obesity, offspring cord blood DNA methylation, and offspring cardiometabolic health in early childhood: an epigenome-wide association study. <i>Epigenetics</i> , <b>2019</b> , 14, 325-340	5.7	27
31	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , <b>2021</b> , 53, 1311-1321	36.3	27
30	Investigating the shared genetics of non-syndromic cleft lip/palate and facial morphology. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007501	6	26
29	Epigenome-wide association study of lung function level and its change. <i>European Respiratory Journal</i> , <b>2019</b> , 54,	13.6	25
28	Maternal depression during pregnancy and cord blood DNA methylation: findings from the Avon Longitudinal Study of Parents and Children. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 244	8.6	25
27	A computational model of lipopolysaccharide-induced nuclear factor kappa B activation: a key signalling pathway in infection-induced preterm labour. <i>PLoS ONE</i> , <b>2013</b> , 8, e70180	3.7	22
26	Novel genetic loci affecting facial shape variation in humans. <i>ELife</i> , <b>2019</b> , 8,	8.9	22
25	Transcription Analysis of the Myometrium of Labouring and Non-Labouring Women. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155413	3.7	22
24	Association between DNA methylation and ADHD symptoms from birth to school age: a prospective meta-analysis. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 398	8.6	17
23	Sex-associated autosomal DNA methylation differences are wide-spread and stable throughout childhood		14
22	Evidence for DNA methylation mediating genetic liability to non-syndromic cleft lip/palate. <i>Epigenomics</i> , <b>2019</b> , 11, 133-145	4.4	14
21	The EWAS Catalog: a database of epigenome-wide association studies		13
20	Prenatal alcohol exposure and facial morphology in a UK cohort. <i>Drug and Alcohol Dependence</i> , <b>2019</b> , 197, 42-47	4.9	9
19	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> , <b>2019</b> , 145, 2933-2943	7.5	9
18	Computer models to study uterine activation at labour. <i>Molecular Human Reproduction</i> , <b>2013</b> , 19, 711-7	4.4	9

17	Associations of sex hormone-binding globulin and testosterone with genome-wide DNA methylation. <i>BMC Genetics</i> , <b>2018</b> , 19, 113	2.6	9
16	SERPINA1 methylation and lung function in tobacco-smoke exposed European children and adults: a meta-analysis of ALEC population-based cohorts. <i>Respiratory Research</i> , <b>2018</b> , 19, 156	7.3	9
15	An integrative approach to detect epigenetic mechanisms that putatively mediate the influence of lifestyle exposures on disease susceptibility. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 887-898	7.8	8
14	Assessing the Role of DNA Methylation-Derived Neutrophil-to-Lymphocyte Ratio in Rheumatoid Arthritis. <i>Journal of Immunology Research</i> , <b>2018</b> , 2018, 2624981	4.5	8
13	Epigenome-wide association study of asthma and wheeze characterizes loci within. <i>Allergy, Asthma and Clinical Immunology</i> , <b>2019</b> , 15, 43	3.2	7
12	Fetal assessment methods for improving neonatal and maternal outcomes in preterm prelabour rupture of membranes. <i>The Cochrane Library</i> , <b>2014</b> , CD010209	5.2	6
11	Maternal anxiety during pregnancy and newborn epigenome-wide DNA methylation. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 1832-1845	15.1	6
10	Paternal body mass index and offspring DNA methylation: findings from the PACE consortium. <i>International Journal of Epidemiology</i> , <b>2021</b> , 50, 1297-1315	7.8	4
9	Intergenerational transmission of postpartum hemorrhage risk: analysis of 2 Scottish birth cohorts. <i>American Journal of Obstetrics and Gynecology</i> , <b>2014</b> , 211, 51.e1-7	6.4	3
8	Meta-analysis of epigenome-wide associations between DNA methylation at birth and childhood cognitive skills.. <i>Molecular Psychiatry</i> , <b>2022</b> ,	15.1	2
7	COVID-19 vaccination and menstrual cycle changes: A United Kingdom (UK) retrospective case-control study		2
6	Paternal body mass index and offspring DNA methylation: findings from the PACE consortium		2
5	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: Findings from the Pregnancy and Childhood Epigenetics (PACE) consortium		1
4	Maternal alcohol consumption during pregnancy and offspring epigenome-wide DNA methylation: findings from six general population-based birth cohorts		1
3	Maternal and child genetic liability for smoking and caffeine consumption and child mental health: An intergenerational genetic risk score analysis in the ALSPAC cohort		1
2	Maternal Mediterranean diet in pregnancy and newborn DNA methylation: a meta-analysis in the PACE Consortium.. <i>Epigenetics</i> , <b>2022</b> , 1-13	5.7	1
1	Maternal iron status in early pregnancy and DNA methylation in offspring: an epigenome-wide meta-analysis.. <i>Clinical Epigenetics</i> , <b>2022</b> , 14, 59	7.7	