

# Daniel L McCartney

## List of Publications by Citations

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**Version:** 2024-04-28

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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

667  
citations

14  
h-index

25  
g-index

69  
ext. papers

1,208  
ext. citations

9.8  
avg, IF

3.64  
L-index

#	Paper	IF	Citations
52	Identification of polymorphic and off-target probe binding sites on the Illumina Infinium MethylationEPIC BeadChip. <i>Genomics Data</i> , <b>2016</b> , 9, 22-4		120
51	Epigenetic prediction of complex traits and death. <i>Genome Biology</i> , <b>2018</b> , 19, 136	18.3	77
50	Investigating the relationship between DNA methylation age acceleration and risk factors for Alzheimer's disease. <i>Alzheimers and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2018</b> , 10, 429-437	5.2	57
49	An epigenome-wide association study of sex-specific chronological ageing. <i>Genome Medicine</i> , <b>2019</b> , 12, 1	14.4	43
48	Epigenetic measures of ageing predict the prevalence and incidence of leading causes of death and disease burden. <i>Clinical Epigenetics</i> , <b>2020</b> , 12, 115	7.7	40
47	Epigenetic signatures of starting and stopping smoking. <i>EBioMedicine</i> , <b>2018</b> , 37, 214-220	8.8	36
46	An epigenetic predictor of death captures multi-modal measures of brain health. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 3806-3816	15.1	31
45	Genome and epigenome wide studies of neurological protein biomarkers in the Lothian Birth Cohort 1936. <i>Nature Communications</i> , <b>2019</b> , 10, 3160	17.4	21
44	Age-related clonal haemopoiesis is associated with increased epigenetic age. <i>Current Biology</i> , <b>2019</b> , 29, R786-R787	6.3	20
43	DNA methylation in a Scottish family multiply affected by bipolar disorder and major depressive disorder. <i>Clinical Epigenetics</i> , <b>2016</b> , 8, 5	7.7	20
42	A transcription factor network coordinates attraction, repulsion, and adhesion combinatorially to control motor axon pathway selection. <i>Neuron</i> , <b>2014</b> , 81, 1297-1311	13.9	19
41	Bayesian reassessment of the epigenetic architecture of complex traits. <i>Nature Communications</i> , <b>2020</b> , 11, 2865	17.4	18
40	Trajectories of inflammatory biomarkers over the eighth decade and their associations with immune cell profiles and epigenetic ageing. <i>Clinical Epigenetics</i> , <b>2018</b> , 10, 159	7.7	17
39	Characterisation of an inflammation-related epigenetic score and its association with cognitive ability. <i>Clinical Epigenetics</i> , <b>2020</b> , 12, 113	7.7	15
38	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , <b>2021</b> , 22, 194	18.3	14
37	DISC1 regulates N-methyl-D-aspartate receptor dynamics: abnormalities induced by a Disc1 mutation modelling a translocation linked to major mental illness. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 184	8.6	11
36	Multi-method genome- and epigenome-wide studies of inflammatory protein levels in healthy older adults. <i>Genome Medicine</i> , <b>2020</b> , 12, 60	14.4	9

35	Altered DNA methylation associated with a translocation linked to major mental illness. <i>NPJ Schizophrenia</i> , <b>2018</b> , 4, 5	5.5	9
34	DNA methylation outlier burden, health, and ageing in Generation Scotland and the Lothian Birth Cohorts of 1921 and 1936. <i>Clinical Epigenetics</i> , <b>2020</b> , 12, 49	7.7	8
33	Epigenetic clocks predict prevalence and incidence of leading causes of death and disease burden		8
32	Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing		8
31	An epigenetic predictor of death captures multi-modal measures of brain health		8
30	Childhood intelligence attenuates the association between biological ageing and health outcomes in later life. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 323	8.6	8
29	Birth weight associations with DNA methylation differences in an adult population. <i>Epigenetics</i> , <b>2021</b> , 16, 783-796	5.7	7
28	DNA methylation in APOE: The relationship with Alzheimer's and with cardiovascular health. <i>Alzheimers and Dementia: Translational Research and Clinical Interventions</i> , <b>2020</b> , 6, e12026	6	5
27	Acute COVID-19 severity and mental health morbidity trajectories in patient populations of six nations: an observational study.. <i>Lancet Public Health, The</i> , <b>2022</b> ,	22.4	5
26	Epigenome-wide association study of kidney function identifies trans-ethnic and ethnic-specific loci. <i>Genome Medicine</i> , <b>2021</b> , 13, 74	14.4	3
25	Epigenetic prediction of complex traits and mortality in a cohort of individuals with oropharyngeal cancer. <i>Clinical Epigenetics</i> , <b>2020</b> , 12, 58	7.7	3
24	Epigenetic scores for the circulating proteome as tools for disease prediction.. <i>ELife</i> , <b>2022</b> , 11,	8.9	2
23	Associations between alcohol use and accelerated biological ageing		2
22	Childhood intelligence attenuates the association between biological ageing and health outcomes in later		2
21	Creating and validating a DNA methylation-based proxy for Interleukin-6		2
20	Epigenetic scores for the circulating proteome as tools for disease prediction		2
19	Bayesian reassessment of the epigenetic architecture of complex traits		2
18	Blood-based epigenome-wide analyses of cognitive abilities		2

17	Blood-based epigenome-wide analyses of cognitive abilities.. <i>Genome Biology</i> , <b>2022</b> , 23, 26	18.3	1
16	An epigenome-wide association study of sex-specific chronological ageing		1
15	A comparison of blood and brain-derived ageing and inflammation-related DNA methylation signatures and their association with microglial burdens		1
14	Characterisation of an inflammation-related epigenetic score and its association with cognitive ability		1
13	Integrative omics approach to identify the molecular architecture of inflammatory protein levels in healthy older adults		1
12	Epigenetic predictors of lifestyle traits applied to the blood and brain. <i>Brain Communications</i> , <b>2021</b> , 3, fcab082	4.5	1
11	DNA methylation and brain dysmaturation in preterm infants		1
10	Creating and Validating a DNA Methylation-Based Proxy for Interleukin-6. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 2284-2292	6.4	1
9	DNA methylation in relation to gestational age and brain dysmaturation in preterm infants.. <i>Brain Communications</i> , <b>2022</b> , 4, fcac056	4.5	1
8	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. <i>Nature Communications</i> , <b>2021</b> , 12, 7173	17.4	1
7	Epigenetic biomarkers of ageing are predictive of mortality risk in a longitudinal clinical cohort of individuals diagnosed with oropharyngeal cancer.. <i>Clinical Epigenetics</i> , <b>2022</b> , 14, 1	7.7	0
6	Associations between alcohol use and accelerated biological ageing. <i>Addiction Biology</i> , <b>2021</b> , 27, e131004.6	4.6	0
5	Variation in VKORC1 Is Associated with Vascular Dementia. <i>Journal of Alzheimers Disease</i> , <b>2021</b> , 80, 1329-1337	4.3	0
4	Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , <b>2021</b> , 12, 7174	17.4	0
3	The genetic and epigenetic profile of serum IL10 in the Lothian Birth Cohort 1936 and its relationship to Alzheimer's disease. <i>Wellcome Open Research</i> , 6, 306	4.8	
2	The genetic and epigenetic profile of serum IL10 in the Lothian Birth Cohort 1936 and its relationship to Alzheimer's disease.. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 306	4.8	
1	Genome- and epigenome-wide studies of plasma protein biomarkers for Alzheimer's disease implicate TBCA and TREM2 in disease risk.. <i>Alzheimers and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2022</b> , 14, e12280	5.2	