

Paul Redmond

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

3,717
citations

304743

22
h-index

361022

35
g-index

45
all docs

45
docs citations

45
times ranked

7526
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA methylation age of blood predicts all-cause mortality in later life. <i>Genome Biology</i> , 2015, 16, 25.	8.8	928
2	The epigenetic clock is correlated with physical and cognitive fitness in the Lothian Birth Cohort 1936. <i>International Journal of Epidemiology</i> , 2015, 44, 1388-1396.	1.9	472
3	Association of Body Mass Index with DNA Methylation and Gene Expression in Blood Cells and Relations to Cardiometabolic Disease: A Mendelian Randomization Approach. <i>PLoS Medicine</i> , 2017, 14, e1002215.	8.4	246
4	Genetic contributions to stability and change in intelligence from childhood to old age. <i>Nature</i> , 2012, 482, 212-215.	27.8	228
5	Total MRI load of cerebral small vessel disease and cognitive ability in older people. <i>Neurobiology of Aging</i> , 2015, 36, 2806-2811.	3.1	199
6	Improved precision of epigenetic clock estimates across tissues and its implication for biological ageing. <i>Genome Medicine</i> , 2019, 11, 54.	8.2	191
7	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018, 9, 4455.	12.8	181
8	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	27.8	173
9	Genetic and environmental exposures constrain epigenetic drift over the human life course. <i>Genome Research</i> , 2014, 24, 1725-1733.	5.5	152
10	Predictors of ageing-related decline across multiple cognitive functions. <i>Intelligence</i> , 2016, 59, 115-126.	3.0	112
11	Green space and cognitive ageing: A retrospective life course analysis in the Lothian Birth Cohort 1936. <i>Social Science and Medicine</i> , 2018, 196, 56-65.	3.8	105
12	Brain volumetric changes and cognitive ageing during the eighth decade of life. <i>Human Brain Mapping</i> , 2015, 36, 4910-4925.	3.6	79
13	An epigenetic predictor of death captures multi-modal measures of brain health. <i>Molecular Psychiatry</i> , 2021, 26, 3806-3816.	7.9	77
14	Bilingualism, social cognition and executive functions: A tale of chickens and eggs. <i>Neuropsychologia</i> , 2016, 91, 299-306.	1.6	53
15	Change in Physical Activity, Sleep Quality, and Psychosocial Variables during COVID-19 Lockdown: Evidence from the Lothian Birth Cohort 1936. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 210.	2.6	47
16	Brain cortical characteristics of lifetime cognitive ageing. <i>Brain Structure and Function</i> , 2018, 223, 509-518.	2.3	44
17	Risk and protective factors for structural brain ageing in the eighth decade of life. <i>Brain Structure and Function</i> , 2017, 222, 3477-3490.	2.3	40
18	Polygenic predictors of age-related decline in cognitive ability. <i>Molecular Psychiatry</i> , 2020, 25, 2584-2598.	7.9	38

#	ARTICLE	IF	CITATIONS
19	Life Course Air Pollution Exposure and Cognitive Decline: Modelled Historical Air Pollution Data and the Lothian Birth Cohort 1936. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1063-1074.	2.6	36
20	Genome-wide analysis of gene dosage in 24,092 individuals estimates that 10,000 genes modulate cognitive ability. <i>Molecular Psychiatry</i> , 2021, 26, 2663-2676.	7.9	33
21	Trajectories of inflammatory biomarkers over the eighth decade and their associations with immune cell profiles and epigenetic ageing. <i>Clinical Epigenetics</i> , 2018, 10, 159.	4.1	30
22	Identification, replication and characterization of epigenetic remodelling in the aging genome: a cross population analysis. <i>Scientific Reports</i> , 2017, 7, 8183.	3.3	27
23	Sleep and brain morphological changes in the eighth decade of life. <i>Sleep Medicine</i> , 2020, 65, 152-158.	1.6	27
24	An epigenetic score for BMI based on DNA methylation correlates with poor physical health and major disease in the Lothian Birth Cohort. <i>International Journal of Obesity</i> , 2019, 43, 1795-1802.	3.4	25
25	Loss of Function Mutations in the <i>ALPL</i> Gene Presenting with Adult Onset Osteoporosis and Low Serum Concentrations of Total Alkaline Phosphatase. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 657-661.	2.8	23
26	Identification of novel differentially methylated sites with potential as clinical predictors of impaired respiratory function and COPD. <i>EBioMedicine</i> , 2019, 43, 576-586.	6.1	21
27	Generation of twenty four induced pluripotent stem cell lines from twenty four members of the Lothian Birth Cohort 1936. <i>Stem Cell Research</i> , 2020, 46, 101851.	0.7	16
28	Childhood intelligence attenuates the association between biological ageing and health outcomes in later life. <i>Translational Psychiatry</i> , 2019, 9, 323.	4.8	15
29	DNA methylome profiling of all-cause mortality in comparison with age-associated methylation patterns. <i>Clinical Epigenetics</i> , 2019, 11, 23.	4.1	13
30	Genetic diversity is a predictor of mortality in humans. <i>BMC Genetics</i> , 2014, 15, 159.	2.7	12
31	Impact of COVID-19 lockdown on psychosocial factors, health, and lifestyle in Scottish octogenarians: The Lothian Birth Cohort 1936 study. <i>PLoS ONE</i> , 2021, 16, e0253153.	2.5	12
32	Brain structural differences between 73- and 92-year olds matched for childhood intelligence, social background, and intracranial volume. <i>Neurobiology of Aging</i> , 2018, 62, 146-158.	3.1	11
33	A comparison of blood and brain-derived ageing and inflammation-related DNA methylation signatures and their association with microglial burdens. <i>European Journal of Neuroscience</i> , 2022, 56, 5637-5649.	2.6	9
34	Apolipoprotein E genotype does not moderate the associations of depressive symptoms, neuroticism and allostatic load with cognitive ability and cognitive aging in the Lothian Birth Cohort 1936. <i>PLoS ONE</i> , 2018, 13, e0192604.	2.5	7
35	Epigenetic predictors of lifestyle traits applied to the blood and brain. <i>Brain Communications</i> , 2021, 3, fcb082.	3.3	6
36	Life Course Air Pollution Exposure and Cognitive Decline: Modelled Historical Air Pollution Data and the Lothian Birth Cohort 1936. <i>Advances in Alzheimer's Disease</i> , 2021, , .	0.2	0