

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	3,977 citations	22 h-index	59 g-index
59 ext. papers	6,104 ext. citations	9.9 avg, IF	5.25 L-index

#	Paper	IF	Citations
52	An epigenetic biomarker of aging for lifespan and healthspan. <i>Aging</i> , <b>2018</b> , 10, 573-591	5.6	658
51	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , <b>2016</b> , 8, 1844-1865	5.6	531
50	DNA methylation GrimAge strongly predicts lifespan and healthspan. <i>Aging</i> , <b>2019</b> , 11, 303-327	5.6	424
49	An epigenetic clock analysis of race/ethnicity, sex, and coronary heart disease. <i>Genome Biology</i> , <b>2016</b> , 17, 171	18.3	357
48	Epigenetic clock analysis of diet, exercise, education, and lifestyle factors. <i>Aging</i> , <b>2017</b> , 9, 419-446	5.6	317
47	Epigenetic age of the pre-frontal cortex is associated with neuritic plaques, amyloid load, and Alzheimer's disease related cognitive functioning. <i>Aging</i> , <b>2015</b> , 7, 1198-211	5.6	251
46	Menopause accelerates biological aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 9327-32	11.5	248
45	Epigenetic clock for skin and blood cells applied to Hutchinson Gilford Progeria Syndrome and studies. <i>Aging</i> , <b>2018</b> , 10, 1758-1775	5.6	187
44	The cerebellum ages slowly according to the epigenetic clock. <i>Aging</i> , <b>2015</b> , 7, 294-306	5.6	117
43	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. <i>Nature Communications</i> , <b>2018</b> , 9, 387	17.4	106
42	Association of the cannabinoid receptor gene (CNR1) with ADHD and post-traumatic stress disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2008</b> , 147B, 1488-94	3.5	78
41	EPIGENETIC CLOCKS OF COMPUTED TOMOGRAPHY MEASURES OF FATTY ORGANS. <i>Innovation in Aging</i> , <b>2019</b> , 3, S735-S736	0.1	78
40	DNA methylation-based estimator of telomere length. <i>Aging</i> , <b>2019</b> , 11, 5895-5923	5.6	69
39	Genetic architecture of epigenetic and neuronal ageing rates in human brain regions. <i>Nature Communications</i> , <b>2017</b> , 8, 15353	17.4	57
38	Genetic variants near MLST8 and DHX57 affect the epigenetic age of the cerebellum. <i>Nature Communications</i> , <b>2016</b> , 7, 10561	17.4	55
37	GrimAge Outperforms Other Epigenetic Clocks in the Prediction of Age-Related Clinical Phenotypes and All-Cause Mortality. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 741-749	6.4	45
36	A meta-analysis of genome-wide association studies of epigenetic age acceleration. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008104	6	38

35	Rapamycin retards epigenetic ageing of keratinocytes independently of its effects on replicative senescence, proliferation and differentiation. <i>Aging</i> , <b>2019</b> , 11, 3238-3249	5.6	32
34	A mammalian methylation array for profiling methylation levels at conserved sequences		31
33	Universal DNA methylation age across mammalian tissues		31
32	Placental epigenetic clocks: estimating gestational age using placental DNA methylation levels. <i>Aging</i> , <b>2019</b> , 11, 4238-4253	5.6	29
31	DNA methylation predicts age and provides insight into exceptional longevity of bats. <i>Nature Communications</i> , <b>2021</b> , 12, 1615	17.4	23
30	Online self-report data for duchenne muscular dystrophy confirms natural history and can be used to assess for therapeutic benefits. <i>PLOS Currents</i> , <b>2014</b> , 6,		22
29	Castration delays epigenetic aging and feminizes DNA methylation at androgen-regulated loci. <i>ELife</i> , <b>2021</b> , 10,	8.9	16
28	Longitudinal Epigenome-Wide Methylation Study of Cognitive Decline and Motor Progression in Parkinson's Disease. <i>Journal of Parkinsons Disease</i> , <b>2019</b> , 9, 389-400	5.3	15
27	A mammalian methylation array for profiling methylation levels at conserved sequences.. <i>Nature Communications</i> , <b>2022</b> , 13, 783	17.4	15
26	DNA methylation study of Huntington's disease and motor progression in patients and in animal models. <i>Nature Communications</i> , <b>2020</b> , 11, 4529	17.4	15
25	Incorporation of a nucleoside analog maps genome repair sites in postmitotic human neurons. <i>Science</i> , <b>2021</b> , 372, 91-94	33.3	14
24	Multi-species and multi-tissue methylation clocks for age estimation in toothed whales and dolphins. <i>Communications Biology</i> , <b>2021</b> , 4, 642	6.7	14
23	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
22	DNA methylation age analysis of rapamycin in common marmosets. <i>GeroScience</i> , <b>2021</b> , 43, 2413-2425	8.9	10
21	Coagulation factor VIII: Relationship to cardiovascular disease risk and whole genome sequence and epigenome-wide analysis in African Americans. <i>Journal of Thrombosis and Haemostasis</i> , <b>2020</b> , 18, 1335-1347	15.4	9
20	Clonal hematopoiesis associated with epigenetic aging and clinical outcomes. <i>Aging Cell</i> , <b>2021</b> , 20, e133669	9.9	9
19	Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing		8
18	Epigenetic Age Acceleration Reflects Long-Term Cardiovascular Health. <i>Circulation Research</i> , <b>2021</b> , 129, 770-781	15.7	7

17	Identifying rare-variant associations in parent-child trios using a Gaussian support vector machine. <i>BMC Proceedings</i> , <b>2014</b> , 8, S98	2.3	6
16	Blood DNA methylation sites predict death risk in a longitudinal study of 12, 300 individuals. <i>Aging</i> , <b>2020</b> , 12, 14092-14124	5.6	6
15	Epigenetic mutation load is weakly correlated with epigenetic age acceleration. <i>Aging</i> , <b>2020</b> , 12, 17863-17894	5.6	5
14	Epigenome-wide association study of leukocyte telomere length. <i>Aging</i> , <b>2019</b> , 11, 5876-5894	5.6	4
13	Epigenetic clock and methylation studies in dogs		3
12	Epigenetic aging of the demographically non-aging naked mole-rat.. <i>Nature Communications</i> , <b>2022</b> , 13, 355	17.4	2
11	Divergent age-related methylation patterns in long and short-lived mammals		2
10	A meta-analysis of genome-wide association studies of epigenetic age acceleration		2
9	Genetic Analyses of Epigenetic Predictors that Estimate Aging, Metabolic Traits, and Lifespan		2
8	Epigenetic Age and the Risk of Incident Atrial Fibrillation. <i>Circulation</i> , <b>2021</b> ,	16.7	2
7	GWAS of epigenetic ageing rates in blood reveals a critical role forTERT		1
6	DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. <i>Clinical Epigenetics</i> , <b>2021</b> , 13, 121	7.7	1
5	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
4	DNA methylation clocks for dogs and humans.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2120887119	11.5	1
3	DNA methylation-based surrogates of plasma proteins are associated with Parkinson's disease risk. <i>Journal of the Neurological Sciences</i> , <b>2021</b> , 431, 120046	3.2	0
2	Association of subjective social status with epigenetic aging among Black and White women.. <i>Psychoneuroendocrinology</i> , <b>2022</b> , 141, 105748	5	0
1	Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , <b>2021</b> , 12, 7174	17.4	0