Ake T Lu

List of Publications by Year in Descending Order

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	Epigenetic aging of the demographically non-aging naked mole-rat.. *Nature Communications*, **2022**, 13, 355	17.4	2
51	A mammalian methylation array for profiling methylation levels at conserved sequences.. *Nature Communications*, **2022**, 13, 783	17.4	15
50	Association of subjective social status with epigenetic aging among Black and White women.. *Psychoneuroendocrinology*, **2022**, 141, 105748	5	0
49	DNA methylation clocks for dogs and humans.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2120887119	11.5	1
48	DNA methylation-based surrogates of plasma proteins are associated with Parkinson\'s disease risk. *Journal of the Neurological Sciences*, **2021**, 431, 120046	3.2	0
47	DNA methylation predicts age and provides insight into exceptional longevity of bats. *Nature Communications*, **2021**, 12, 1615	17.4	23
46	Incorporation of a nucleoside analog maps genome repair sites in postmitotic human neurons. *Science*, **2021**, 372, 91-94	33.3	14
45	Multi-species and multi-tissue methylation clocks for age estimation in toothed whales and dolphins. *Communications Biology*, **2021**, 4, 642	6.7	14
44	Clonal hematopoiesis associated with epigenetic aging and clinical outcomes. *Aging Cell*, **2021**, 20, e13366	9.9	9
43	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. *Genome Biology*, **2021**, 22, 194	18.3	14
42	DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. *Clinical Epigenetics*, **2021**, 13, 121	7.7	1
41	GrimAge Outperforms Other Epigenetic Clocks in the Prediction of Age-Related Clinical Phenotypes and All-Cause Mortality. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2021**, 76, 741-749	6.4	45
40	Castration delays epigenetic aging and feminizes DNA methylation at androgen-regulated loci. *ELife*, **2021**, 10,	8.9	16
39	Epigenetic Age and the Risk of Incident Atrial Fibrillation. *Circulation*, **2021**,	16.7	2
38	DNA methylation age analysis of rapamycin in common marmosets. *GeroScience*, **2021**, 43, 2413-2425	8.9	10
37	Epigenetic Age Acceleration Reflects Long-Term Cardiovascular Health. *Circulation Research*, **2021**, 129, 770-781	15.7	7
36	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. *Nature Communications*, **2021**, 12, 7173	17.4	1

35	Meta-analyses identify DNA methylation associated with kidney function and damage. *Nature Communications*, **2021**, 12, 7174	17.4	0
34	Blood DNA methylation sites predict death risk in a longitudinal study of 12, 300 individuals. *Aging*, **2020**, 12, 14092-14124	5.6	6
33	Epigenetic mutation load is weakly correlated with epigenetic age acceleration. *Aging*, **2020**, 12, 17863-17894	5.6	5
32	Coagulation factor VIII: Relationship to cardiovascular disease risk and whole genome sequence and epigenome-wide analysis in African Americans. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 1335-1347	15.4	9
31	DNA methylation study of Huntington\x disease and motor progression in patients and in animal models. *Nature Communications*, **2020**, 11, 4529	17.4	15
30	Rapamycin retards epigenetic ageing of keratinocytes independently of its effects on replicative senescence, proliferation and differentiation. *Aging*, **2019**, 11, 3238-3249	5.6	32
29	DNA methylation GrimAge strongly predicts lifespan and healthspan. *Aging*, **2019**, 11, 303-327	5.6	424
28	Longitudinal Epigenome-Wide Methylation Study of Cognitive Decline and Motor Progression in Parkinson\x Disease. *Journal of Parkinsonıs Disease*, **2019**, 9, 389-400	5.3	15
27	Placental epigenetic clocks: estimating gestational age using placental DNA methylation levels. *Aging*, **2019**, 11, 4238-4253	5.6	29
26	DNA methylation-based estimator of telomere length. *Aging*, **2019**, 11, 5895-5923	5.6	69
25	Epigenome-wide association study of leukocyte telomere length. *Aging*, **2019**, 11, 5876-5894	5.6	4
24	EPIGENETIC CLOCKS OF COMPUTED TOMOGRAPHY MEASURES OF FATTY ORGANS. *Innovation in Aging*, **2019**, 3, S735-S736	0.1	78
23	A meta-analysis of genome-wide association studies of epigenetic age acceleration. *PLoS Genetics*, **2019**, 15, e1008104	6	38
22	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. *Nature Communications*, **2018**, 9, 387	17.4	106
21	Epigenetic clock for skin and blood cells applied to Hutchinson Gilford Progeria Syndrome and studies. *Aging*, **2018**, 10, 1758-1775	5.6	187
20	An epigenetic biomarker of aging for lifespan and healthspan. *Aging*, **2018**, 10, 573-591	5.6	658
19	Genetic architecture of epigenetic and neuronal ageing rates in human brain regions. *Nature Communications*, **2017**, 8, 15353	17.4	57
18	Epigenetic clock analysis of diet, exercise, education, and lifestyle factors. *Aging*, **2017**, 9, 419-446	5.6	317

17	An epigenetic clock analysis of race/ethnicity, sex, and coronary heart disease. *Genome Biology*, **2016**, 17, 171	18.3	357
16	Menopause accelerates biological aging. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 9327-32	11.5	248
15	DNA methylation-based measures of biological age: meta-analysis predicting time to death. *Aging*, **2016**, 8, 1844-1865	5.6	531
14	Genetic variants near MLST8 and DHX57 affect the epigenetic age of the cerebellum. *Nature Communications*, **2016**, 7, 10561	17.4	55
13	Epigenetic age of the pre-frontal cortex is associated with neuritic plaques, amyloid load, and Alzheimer\'s disease related cognitive functioning. *Aging*, **2015**, 7, 1198-211	5.6	251
12	The cerebellum ages slowly according to the epigenetic clock. *Aging*, **2015**, 7, 294-306	5.6	117
11	Identifying rare-variant associations in parent-child trios using a Gaussian support vector machine. *BMC Proceedings*, **2014**, 8, S98	2.3	6
10	Online self-report data for duchenne muscular dystrophy confirms natural history and can be used to assess for therapeutic benefits. *PLOS Currents*, **2014**, 6,		22
9	Association of the cannabinoid receptor gene (CNR1) with ADHD and post-traumatic stress disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1488-94	3.5	78
8	Divergent age-related methylation patterns in long and short-lived mammals		2
7	Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing		8
6	A meta-analysis of genome-wide association studies of epigenetic age acceleration		2
5	GWAS of epigenetic ageing rates in blood reveals a critical role forTERT		1
4	Epigenetic clock and methylation studies in dogs		3
3	Genetic Analyses of Epigenetic Predictors that Estimate Aging, Metabolic Traits, and Lifespan		2
2	A mammalian methylation array for profiling methylation levels at conserved sequences		31
1	Universal DNA methylation age across mammalian tissues		31