

Kenneth Raj

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4188462/publications.pdf>

Version: 2024-02-01

21
papers

4,410
citations

471061

17
h-index

752256

20
g-index

30
all docs

30
docs citations

30
times ranked

4400
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA methylation-based biomarkers and the epigenetic clock theory of ageing. <i>Nature Reviews Genetics</i> , 2018, 19, 371-384.	7.7	1,741
2	DNA methylation GrimAge strongly predicts lifespan and healthspan. <i>Aging</i> , 2019, 11, 303-327.	1.4	1,128
3	Epigenetic clock for skin and blood cells applied to Hutchinson Gilford Progeria Syndrome and ex vivo studies. <i>Aging</i> , 2018, 10, 1758-1775.	1.4	406
4	DNA methylation-based estimator of telomere length. <i>Aging</i> , 2019, 11, 5895-5923.	1.4	198
5	CWAS of epigenetic aging rates in blood reveals a critical role for TERT. <i>Nature Communications</i> , 2018, 9, 387.	5.8	151
6	Epigenetic clock analyses of cellular senescence and ageing. <i>Oncotarget</i> , 2016, 7, 8524-8531.	0.8	125
7	Epigenetic ageing is distinct from senescence-mediated ageing and is not prevented by telomerase expression. <i>Aging</i> , 2018, 10, 2800-2815.	1.4	70
8	The relationship between epigenetic age and the hallmarks of aging in human cells. <i>Nature Aging</i> , 2022, 2, 484-493.	5.3	51
9	DNA methylation clocks tick in naked mole rats but queens age more slowly than nonbreeders. <i>Nature Aging</i> , 2022, 2, 46-59.	5.3	47
10	Current perspectives on the cellular and molecular features of epigenetic ageing. <i>Experimental Biology and Medicine</i> , 2020, 245, 1532-1542.	1.1	44
11	Epigenetic clock and methylation studies in elephants. <i>Aging Cell</i> , 2021, 20, e13414.	3.0	43
12	Rapamycin retards epigenetic ageing of keratinocytes independently of its effects on replicative senescence, proliferation and differentiation. <i>Aging</i> , 2019, 11, 3238-3249.	1.4	39
13	DNA methylation aging and transcriptomic studies in horses. <i>Nature Communications</i> , 2022, 13, 40.	5.8	34
14	Epigenetic clock and methylation studies in the rhesus macaque. <i>GeroScience</i> , 2021, 43, 2441-2453.	2.1	28
15	Epigenetic clock and DNA methylation analysis of porcine models of aging and obesity. <i>GeroScience</i> , 2021, 43, 2467-2483.	2.1	27
16	Epigenetic clock and methylation studies in cats. <i>GeroScience</i> , 2021, 43, 2363-2378.	2.1	26
17	DNA methylation age analysis of rapamycin in common marmosets. <i>GeroScience</i> , 2021, 43, 2413-2425.	2.1	26
18	Epigenetic clock and methylation study of oocytes from a bovine model of reproductive aging. <i>Aging Cell</i> , 2021, 20, e13349.	3.0	25

#	ARTICLE	IF	CITATIONS
19	Chronic irradiation of human cells reduces histone levels and deregulates gene expression. Scientific Reports, 2020, 10, 2200.	1.6	18
20	The Epigenetic Clock and Aging. , 2018, , 95-118.		12
21	Epigenetic clock and methylation studies in marsupials: opossums, Tasmanian devils, kangaroos, and wallabies. GeroScience, 2022, 44, 1825-1845.	2.1	12