

Amin Haghani

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,787
citations

411340

20
h-index

425179

34
g-index

89
all docs

89
docs citations

89
times ranked

1771
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic clock and methylation studies in vervet monkeys. <i>GeroScience</i> , 2022, 44, 699-717.	2.1	18
2	Methylation studies in <i>Peromyscus</i> : aging, altitude adaptation, and monogamy. <i>GeroScience</i> , 2022, 44, 447-461.	2.1	4
3	DNA methylation as a tool to explore ageing in wild roe deer populations. <i>Molecular Ecology Resources</i> , 2022, 22, 1002-1015.	2.2	19
4	DNA methylation aging and transcriptomic studies in horses. <i>Nature Communications</i> , 2022, 13, 40.	5.8	34
5	A mammalian methylation array for profiling methylation levels at conserved sequences. <i>Nature Communications</i> , 2022, 13, 783.	5.8	93
6	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
7	Hibernation slows epigenetic ageing in yellow-bellied marmots. <i>Nature Ecology and Evolution</i> , 2022, 6, 418-426.	3.4	23
8	In vivo partial reprogramming alters age-associated molecular changes during physiological aging in mice. <i>Nature Aging</i> , 2022, 2, 243-253.	5.3	101
9	Genetic loci and metabolic states associated with murine epigenetic aging. <i>ELife</i> , 2022, 11, .	2.8	26
10	Epigenetic clock and methylation studies in marsupials: opossums, Tasmanian devils, kangaroos, and wallabies. <i>GeroScience</i> , 2022, 44, 1825-1845.	2.1	12
11	DNA methylation clocks for dogs and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120887119.	3.3	26
12	The <i>APOE</i> gene cluster responds to air pollution factors in mice with coordinated expression of genes that differs by age in humans. <i>Alzheimer's and Dementia</i> , 2021, 17, 175-190.	0.4	8
13	Gene-Environment Interactions and Stochastic Variations in the Gero-Exposome. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1740-1747.	1.7	7
14	DNA methylation predicts age and provides insight into exceptional longevity of bats. <i>Nature Communications</i> , 2021, 12, 1615.	5.8	80
15	Air Pollution Neurotoxicity in the Adult Brain: Emerging Concepts from Experimental Findings. <i>Advances in Alzheimer's Disease</i> , 2021, , .	0.2	0
16	Epigenetic clock and methylation study of oocytes from a bovine model of reproductive aging. <i>Aging Cell</i> , 2021, 20, e13349.	3.0	25
17	Multi-species and multi-tissue methylation clocks for age estimation in toothed whales and dolphins. <i>Communications Biology</i> , 2021, 4, 642.	2.0	39
18	Epigenetic clock and methylation studies in elephants. <i>Aging Cell</i> , 2021, 20, e13414.	3.0	43

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19	Castration delays epigenetic aging and feminizes DNA methylation at androgen-regulated loci. <i>ELife</i> , 2021, 10, .	2.8	45
20	Cerebral cortex and blood transcriptome changes in mouse neonates prenatally exposed to air pollution particulate matter. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 30.	1.5	9
21	Epigenetic clock and methylation studies in cats. <i>GeroScience</i> , 2021, 43, 2363-2378.	2.1	26
22	Epigenetic clock and DNA methylation analysis of porcine models of aging and obesity. <i>GeroScience</i> , 2021, 43, 2467-2483.	2.1	27
23	Epigenetic clock and methylation studies in the rhesus macaque. <i>GeroScience</i> , 2021, 43, 2441-2453.	2.1	28
24	Multi-Tissue Methylation Clocks for Age and Sex Estimation in the Common Bottlenose Dolphin. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
25	DNA methylation age analysis of rapamycin in common marmosets. <i>GeroScience</i> , 2021, 43, 2413-2425.	2.1	26
26	Epigenetic models developed for plains zebras predict age in domestic horses and endangered equids. <i>Communications Biology</i> , 2021, 4, 1412.	2.0	23
27	Mammalian Co-methylation Network Analysis of Species Characteristics. <i>Innovation in Aging</i> , 2021, 5, 673-673.	0.0	0
28	Female vulnerability to the effects of smoking on health outcomes in older people. <i>PLoS ONE</i> , 2020, 15, e0234015.	1.1	15
29	Air Pollution Neurotoxicity in the Adult Brain: Emerging Concepts from Experimental Findings. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 773-797.	1.2	27
30	Adult mouse hippocampal transcriptome changes associated with long-term behavioral and metabolic effects of gestational air pollution toxicity. <i>Translational Psychiatry</i> , 2020, 10, 218.	2.4	23
31	Toxicity of urban air pollution particulate matter in developing and adult mouse brain: Comparison of total and filter-eluted nanoparticles. <i>Environment International</i> , 2020, 136, 105510.	4.8	64
32	Detection of HNE Modification of Proteins in Aging Mouse Tissues: A Western Blot-Based Approach. <i>Methods in Molecular Biology</i> , 2020, 2144, 237-244.	0.4	3
33	Human Population Genetics in Aging Studies for Molecular Biologists. <i>Methods in Molecular Biology</i> , 2020, 2144, 67-76.	0.4	2
34	Mouse brain transcriptome responses to inhaled nanoparticulate matter differed by sex and APOE in Nrf2-Nfkb interactions. <i>ELife</i> , 2020, 9, .	2.8	22
35	Integrating Longitudinal Population Studies of Aging in Biological Research. <i>Methods in Molecular Biology</i> , 2020, 2144, 259-273.	0.4	0
36	Female vulnerability to the effects of smoking on health outcomes in older people. , 2020, 15, e0234015.		0

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37	Female vulnerability to the effects of smoking on health outcomes in older people. , 2020, 15, e0234015.		0
38	Female vulnerability to the effects of smoking on health outcomes in older people. , 2020, 15, e0234015.		0
39	Female vulnerability to the effects of smoking on health outcomes in older people. , 2020, 15, e0234015.		0
40	Female vulnerability to the effects of smoking on health outcomes in older people. , 2020, 15, e0234015.		0
41	Female vulnerability to the effects of smoking on health outcomes in older people. , 2020, 15, e0234015.		0
42	Cell-based assays that predict in vivo neurotoxicity of urban ambient nano-sized particulate matter. Free Radical Biology and Medicine, 2019, 145, 33-41.	1.3	25
43	Air Pollution Alters Caenorhabditis elegans Development and Lifespan: Responses to Traffic-Related Nanoparticulate Matter. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1189-1197.	1.7	27
44	CAENORHABDITIS ELEGANS AS A MODEL OF AIR POLLUTION TOXICITY DURING DEVELOPMENT AND LIFESPAN. Innovation in Aging, 2019, 3, S97-S97.	0.0	0
45	Prenatal and early life exposure to air pollution induced hippocampal vascular leakage and impaired neurogenesis in association with behavioral deficits. Translational Psychiatry, 2018, 8, 261.	2.4	71
46	Diurnal variation in the proinflammatory activity of urban fine particulate matter (PM2.5) by in vitro assays. F1000Research, 2018, 7, 596.	0.8	4
47	Diurnal variation in the proinflammatory activity of urban fine particulate matter (PM2.5) by in vitro assays. F1000Research, 2018, 7, 596.	0.8	3
48	Toll-like receptor 4 in glial inflammatory responses to air pollution in vitro and in vivo. Journal of Neuroinflammation, 2017, 14, 84.	3.1	107
49	Edible bird's nest modulate intracellular molecular pathways of influenza A virus infected cells. BMC Complementary and Alternative Medicine, 2017, 17, 22.	3.7	20
50	Expression profiles of immune mediators in feline Coronavirus-infected cells and clinical samples of feline Coronavirus-positive cats. BMC Veterinary Research, 2017, 13, 92.	0.7	7
51	Traffic-related air pollution impact on mouse brain accelerates myelin and neuritic aging changes with specificity for CA1 neurons. Neurobiology of Aging, 2017, 53, 48-58.	1.5	91
52	In vitro and in vivo mechanism of immunomodulatory and antiviral activity of Edible Bird's Nest (EBN) against influenza A virus (IAV) infection. Journal of Ethnopharmacology, 2016, 185, 327-340.	2.0	50
53	Apoptosis transcriptional mechanism of feline infectious peritonitis virus infected cells. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 1457-1470.	2.2	10
54	Mechanisms of Action and Efficacy of Statins against Influenza. BioMed Research International, 2014, 2014, 1-8.	0.9	72

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55	Tick-borne viruses: A review from the perspective of therapeutic approaches. <i>Ticks and Tick-borne Diseases</i> , 2014, 5, 457-465.	1.1	58
56	Low scolicidal effect of <i>Ocimum bacilicum</i> and <i>Allium cepa</i> on protococeles of hydatid cyst: an in vitro study. <i>Comparative Clinical Pathology</i> , 2014, 23, 847-853.	0.3	14
57	Diurnal variation in the proinflammatory activity of urban fine particulate matter (PM2.5) by in vitro assays. <i>F1000Research</i> , 0, 7, 596.	0.8	5