

Alice E Kane

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,045
citations

304368

22
h-index

344852

36
g-index

45
all docs

45
docs citations

45
times ranked

2629
citing authors

#	ARTICLE	IF	CITATIONS
1	Reprogramming to recover youthful epigenetic information and restore vision. <i>Nature</i> , 2020, 588, 124-129.	13.7	424
2	Sirtuins and NAD ⁺ in the Development and Treatment of Metabolic and Cardiovascular Diseases. <i>Circulation Research</i> , 2018, 123, 868-885.	2.0	276
3	Epigenetic changes during aging and their reprogramming potential. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2019, 54, 61-83.	2.3	176
4	Impact of Longevity Interventions on a Validated Mouse Clinical Frailty Index. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 333-339.	1.7	122
5	Age and life expectancy clocks based on machine learning analysis of mouse frailty. <i>Nature Communications</i> , 2020, 11, 4618.	5.8	75
6	Frailty biomarkers in humans and rodents: Current approaches and future advances. <i>Mechanisms of Ageing and Development</i> , 2019, 180, 117-128.	2.2	66
7	Chronic Treatment With the ACE Inhibitor Enalapril Attenuates the Development of Frailty and Differentially Modifies Pro- and Anti-inflammatory Cytokines in Aging Male and Female C57BL/6 Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1149-1157.	1.7	61
8	Adverse Geriatric Outcomes Secondary to Polypharmacy in a Mouse Model: The Influence of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 571-577.	1.7	59
9	Sex differences in the response to dietary restriction in rodents. <i>Current Opinion in Physiology</i> , 2018, 6, 28-34.	0.9	59
10	A Murine Frailty Index Based on Clinical and Laboratory Measurements: Links Between Frailty and Pro-inflammatory Cytokines Differ in a Sex-Specific Manner. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 275-282.	1.7	58
11	The association between frailty, the metabolic syndrome, and mortality over the lifespan. <i>GeroScience</i> , 2017, 39, 221-229.	2.1	54
12	Sex differences in frailty: Comparisons between humans and preclinical models. <i>Mechanisms of Ageing and Development</i> , 2021, 198, 111546.	2.2	49
13	Development of a Rat Clinical Frailty Index. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 897-903.	1.7	47
14	Animal models of frailty: current applications in clinical research. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1519-1529.	1.3	46
15	Differences in Cardiovascular Aging in Men and Women. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1065, 389-411.	0.8	46
16	Sex Differences in Healthspan Predict Lifespan in the 3xTg-AD Mouse Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 172.	1.7	46
17	The impact of age and frailty on ventricular structure and function in C57BL/6J mice. <i>Journal of Physiology</i> , 2017, 595, 3721-3742.	1.3	43
18	Age-Related Changes in the Hepatic Pharmacology and Toxicology of Paracetamol. <i>Current Gerontology and Geriatrics Research</i> , 2011, 2011, 1-14.	1.6	42

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19	Chronic Polypharmacy with Increasing Drug Burden Index Exacerbates Frailty and Impairs Physical Function, with Effects Attenuated by Deprescribing, in Aged Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1010-1018.	1.7	39
20	Acetaminophen hepatotoxicity in mice: Effect of age, frailty and exposure type. <i>Experimental Gerontology</i> , 2016, 73, 95-106.	1.2	33
21	A Comparison of Two Mouse Frailty Assessment Tools. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 904-909.	1.7	32
22	ARDD 2020: from aging mechanisms to interventions. <i>Aging</i> , 2020, 12, 24484-24503.	1.4	32
23	Factors that Impact on Interrater Reliability of the Mouse Clinical Frailty Index. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 694-695.	1.7	19
24	Implementation of the mouse frailty index. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 1149-1155.	0.7	19
25	The effect of ageing on isoniazid pharmacokinetics and hepatotoxicity in Fischer 344 rats. <i>Fundamental and Clinical Pharmacology</i> , 2016, 30, 23-34.	1.0	17
26	Age, Sex and Overall Health, Measured As Frailty, Modify Myofilament Proteins in Hearts From Naturally Aging Mice. <i>Scientific Reports</i> , 2020, 10, 10052.	1.6	17
27	Maladaptive Changes Associated With Cardiac Aging Are Sex-Specific and Graded by Frailty and Inflammation in C57BL/6 Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 233-243.	1.7	16
28	Acetyl cysteine does not prevent liver toxicity from chronic low-dose plus subacute high-dose paracetamol exposure in young or old mice. <i>Fundamental and Clinical Pharmacology</i> , 2016, 30, 263-275.	1.0	10
29	Gut Microbiota Predicts Healthy Late-Life Aging in Male Mice. <i>Nutrients</i> , 2021, 13, 3290.	1.7	10
30	The effect of aging on mitochondrial and cytosolic hepatic intrinsic death pathway and apoptosis associated proteins in Fischer 344 rats. <i>Experimental Gerontology</i> , 2015, 67, 54-61.	1.2	9
31	Characteristics of older and younger patients with suspected paracetamol toxicity. <i>Australasian Journal on Ageing</i> , 2012, 31, 190-193.	0.4	8
32	Preclinical frailty assessments: Phenotype and frailty index identify frailty in different mice and are variably affected by chronic medications. <i>Experimental Gerontology</i> , 2022, 161, 111700.	1.2	8
33	Novel cardioprotection strategies for the aged heart: evidence from preclinical studies. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 1251-1260.	0.9	6
34	Advances in Preclinical Models of Frailty. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 867-869.	1.7	5
35	Approaches to the Assessment of Frailty in Animal Models. , 2018, , 551-561.		2
36	Spelunking the biology of frailty. <i>Mechanisms of Ageing and Development</i> , 2019, 182, 111123.	2.2	1

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37	Applying the AFRAID and FRIGHT clocks to novel preclinical mouse models of polypharmacy. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, , .	1.7	1
38	Chronic treatment with the ACE inhibitor enalapril attenuates the development of frailty, prevents cardiac hypertrophy and increases IL-10 levels in aging male C57BL/6 mice. Journal of Molecular and Cellular Cardiology, 2018, 124, 117.	0.9	0
39	Pharmacological Approaches for Modulating Sirtuins. , 2018, , 71-81.		0
40	Sirtuin Activators. , 2019, , 210-210.		0
41	Biology of Frailty. , 2019, , 1-5.		0
42	Biology of Frailty. , 2021, , 677-681.		0