

Alice E Kane

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,045
citations

304743

22
h-index

345221

36
g-index

45
all docs

45
docs citations

45
times ranked

2629
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.8	8
2	Applying the AFRAID and FRIGHT clocks to novel preclinical mouse models of polypharmacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, , .	3.6	1
3	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.	3.6	39
4	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.	3.6	16
5	Sex differences in frailty: Comparisons between humans and preclinical models. <i>Mechanisms of Ageing and Development</i> , 2021, 198, 111546.	4.6	49
6	Gut Microbiota Predicts Healthy Late-Life Aging in Male Mice. <i>Nutrients</i> , 2021, 13, 3290.	4.1	10
7	Biology of Frailty. , 2021, , 677-681.		0
8	Age, Sex and Overall Health, Measured As Frailty, Modify Myofilament Proteins in Hearts From Naturally Aging Mice. <i>Scientific Reports</i> , 2020, 10, 10052.	3.3	17
9	Reprogramming to recover youthful epigenetic information and restore vision. <i>Nature</i> , 2020, 588, 124-129.	27.8	424
10	Age and life expectancy clocks based on machine learning analysis of mouse frailty. <i>Nature Communications</i> , 2020, 11, 4618.	12.8	75
11	ARDD 2020: from aging mechanisms to interventions. <i>Aging</i> , 2020, 12, 24484-24503.	3.1	32
12	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.	3.6	58
13	Spelunking the biology of frailty. <i>Mechanisms of Ageing and Development</i> , 2019, 182, 111123.	4.6	1
14	Sirtuin Activators. , 2019, , 210-210.		0
15	Frailty biomarkers in humans and rodents: Current approaches and future advances. <i>Mechanisms of Ageing and Development</i> , 2019, 180, 117-128.	4.6	66
16	Epigenetic changes during aging and their reprogramming potential. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2019, 54, 61-83.	5.2	176
17	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.	3.6	61
18	Biology of Frailty. , 2019, , 1-5.		0

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19	Sex differences in the response to dietary restriction in rodents. Current Opinion in Physiology, 2018, 6, 28-34.	1.8	59
20	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.	1.9	0
21	Sirtuins and NAD ⁺ in the Development and Treatment of Metabolic and Cardiovascular Diseases. Circulation Research, 2018, 123, 868-885.	4.5	276
22	Differences in Cardiovascular Aging in Men and Women. Advances in Experimental Medicine and Biology, 2018, 1065, 389-411.	1.6	46
23	Sex Differences in Healthspan Predict Lifespan in the 3xTg-AD Mouse Model of Alzheimer's Disease. Frontiers in Aging Neuroscience, 2018, 10, 172.	3.4	46
24	Pharmacological Approaches for Modulating Sirtuins. , 2018, , 71-81.		0
25	Approaches to the Assessment of Frailty in Animal Models. , 2018, , 551-561.		2
26	The impact of age and frailty on ventricular structure and function in C57BL/6J mice. Journal of Physiology, 2017, 595, 3721-3742.	2.9	43
27	Implementation of the mouse frailty index. Canadian Journal of Physiology and Pharmacology, 2017, 95, 1149-1155.	1.4	19
28	Advances in Preclinical Models of Frailty. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 867-869.	3.6	5
29	A Comparison of Two Mouse Frailty Assessment Tools. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 904-909.	3.6	32
30	The association between frailty, the metabolic syndrome, and mortality over the lifespan. GeroScience, 2017, 39, 221-229.	4.6	54
31	Development of a Rat Clinical Frailty Index. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 897-903.	3.6	47
32	Animal models of frailty: current applications in clinical research. Clinical Interventions in Aging, 2016, Volume 11, 1519-1529.	2.9	46
33	Novel cardioprotection strategies for the aged heart: evidence from preclinical studies. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 1251-1260.	1.9	6
34	N-Acetyl cysteine does not prevent liver toxicity from chronic low-dose plus subacute high-dose paracetamol exposure in young or old mice. Fundamental and Clinical Pharmacology, 2016, 30, 263-275.	1.9	10
35	Adverse Geriatric Outcomes Secondary to Polypharmacy in a Mouse Model: The Influence of Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 571-577.	3.6	59
36	Acetaminophen hepatotoxicity in mice: Effect of age, frailty and exposure type. Experimental Gerontology, 2016, 73, 95-106.	2.8	33

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37	The effect of ageing on isoniazid pharmacokinetics and hepatotoxicity in Fischer 344 rats. <i>Fundamental and Clinical Pharmacology</i> , 2016, 30, 23-34.	1.9	17
38	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.	3.6	122
39	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.	3.6	19
40	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.	2.8	9
41	Characteristics of older and younger patients with suspected paracetamol toxicity. <i>Australasian Journal on Ageing</i> , 2012, 31, 190-193.	0.9	8
42	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