

Jose Alberto Lopez-Dominguez

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,255
citations

516710

16
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1996
citing authors

#	ARTICLE	IF	CITATIONS
1	A Ketogenic Diet Extends Longevity and Healthspan in Adult Mice. <i>Cell Metabolism</i> , 2017, 26, 539-546.e5.	16.2	348
2	Senescent cells promote tissue NAD ⁺ decline during ageing via the activation of CD38 ⁺ macrophages. <i>Nature Metabolism</i> , 2020, 2, 1265-1283.	11.9	206
3	SILAC Analysis Reveals Increased Secretion of Hemostasis-Related Factors by Senescent Cells. <i>Cell Reports</i> , 2019, 28, 3329-3337.e5.	6.4	94
4	Small-molecule MDM2 antagonists attenuate the senescence-associated secretory phenotype. <i>Scientific Reports</i> , 2018, 8, 2410.	3.3	93
5	Oxylipin biosynthesis reinforces cellular senescence and allows detection of senolysis. <i>Cell Metabolism</i> , 2021, 33, 1124-1136.e5.	16.2	77
6	Coenzyme Q10 Protects Human Endothelial Cells from β -Amyloid Uptake and Oxidative Stress-Induced Injury. <i>PLoS ONE</i> , 2014, 9, e109223.	2.5	50
7	The ketogenic diet preserves skeletal muscle with aging in mice. <i>Aging Cell</i> , 2021, 20, e13322.	6.7	42
8	Alterations of Ultrastructural and Fission/Fusion Markers in Hepatocyte Mitochondria From Mice Following Calorie Restriction With Different Dietary Fats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 1023-1034.	3.6	41
9	Cdkn1a transcript variant 2 is a marker of aging and cellular senescence. <i>Aging</i> , 2021, 13, 13380-13392.	3.1	36
10	The Influence of Dietary Fat Source on Life Span in Calorie Restricted Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1181-1188.	3.6	34
11	The Impact of Aging, Calorie Restriction and Dietary Fat on Autophagy Markers and Mitochondrial Ultrastructure and Dynamics in Mouse Skeletal Muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 760-769.	3.6	33
12	Mitochondrial ultrastructure and markers of dynamics in hepatocytes from aged, calorie restricted mice fed with different dietary fats. <i>Experimental Gerontology</i> , 2014, 56, 77-88.	2.8	30
13	A Two-Photon Probe Based on Naphthalimide-Styrene Fluorophore for the <i>In Vivo</i> Tracking of Cellular Senescence. <i>Analytical Chemistry</i> , 2021, 93, 3052-3060.	6.5	29
14	Dietary fat modifies mitochondrial and plasma membrane apoptotic signaling in skeletal muscle of calorie-restricted mice. <i>Age</i> , 2013, 35, 2027-2044.	3.0	22
15	The influence of dietary fat source on liver and skeletal muscle mitochondrial modifications and lifespan changes in calorie-restricted mice. <i>Biogerontology</i> , 2015, 16, 655-670.	3.9	19
16	Dietary Fat and Aging Modulate Apoptotic Signaling in Liver of Calorie-Restricted Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 399-409.	3.6	13
17	A ketogenic diet impacts markers of mitochondrial mass in a tissue specific manner in aged mice. <i>Aging</i> , 2021, 13, 7914-7930.	3.1	12
18	Calorie restriction influences key metabolic enzyme activities and markers of oxidative damage in distinct mouse liver mitochondrial sub-populations. <i>Life Sciences</i> , 2013, 93, 941-948.	4.3	10

#	ARTICLE	IF	CITATIONS
19	S3QELs protect against diet-induced intestinal barrier dysfunction. <i>Aging Cell</i> , 2021, 20, e13476.	6.7	9
20	Mice with low levels of Shc proteins display reduced glycolytic and increased gluconeogenic activities in liver. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 273-286.	1.3	4
21	Omega-3 fatty acids partially revert the metabolic gene expression profile induced by long-term calorie restriction. <i>Experimental Gerontology</i> , 2016, 77, 29-37.	2.8	3
22	A humanized animal model of pulmonary fibrosis based on cellular senescence. , 2020, , .		0