

Warren C Ladiges

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98
papers

3,833
citations

26
h-index

61
g-index

108
ext. papers

4,511
ext. citations

4.7
avg, IF

5.06
L-index

#	Paper	IF	Citations
98	Extension of murine life span by overexpression of catalase targeted to mitochondria. <i>Science</i> , 2005 , 308, 1909-11	33.3	1383
97	Overexpression of catalase targeted to mitochondria attenuates murine cardiac aging. <i>Circulation</i> , 2009 , 119, 2789-97	16.7	347
96	Rapamycin reverses elevated mTORC1 signaling in lamin A/C-deficient mice, rescues cardiac and skeletal muscle function, and extends survival. <i>Science Translational Medicine</i> , 2012 , 4, 144ra103	17.5	249
95	Pancreatic beta-cell failure and diabetes in mice with a deletion mutation of the endoplasmic reticulum molecular chaperone gene P58IPK. <i>Diabetes</i> , 2005 , 54, 1074-81	0.9	178
94	Mitochondrial targeted catalase suppresses invasive breast cancer in mice. <i>BMC Cancer</i> , 2011 , 11, 191	4.8	114
93	Reduction of age-associated pathology in old mice by overexpression of catalase in mitochondria. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008 , 63, 813-22	6.4	102
92	Lifespan extension in genetically modified mice. <i>Aging Cell</i> , 2009 , 8, 346-52	9.9	86
91	Disruption of protein kinase A in mice enhances healthy aging. <i>PLoS ONE</i> , 2009 , 4, e5963	3.7	75
90	An aged immune system drives senescence and ageing of solid organs. <i>Nature</i> , 2021 , 594, 100-105	50.4	72
89	Phenylbutyric acid reduces amyloid plaques and rescues cognitive behavior in AD transgenic mice. <i>Aging Cell</i> , 2011 , 10, 418-28	9.9	66
88	Measures of Healthspan as Indices of Aging in Mice-A Recommendation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 427-30	6.4	61
87	Voluntary Wheel Running in Mice. <i>Current Protocols in Mouse Biology</i> , 2015 , 5, 283-290	1.1	60
86	Polymorphisms in the DNA repair gene XRCC1 and age-related disease. <i>Mechanisms of Ageing and Development</i> , 2003 , 124, 27-32	5.6	54
85	Circulating levels of monocyte chemoattractant protein-1 as a potential measure of biological age in mice and frailty in humans. <i>Aging Cell</i> , 2018 , 17, e12706	9.9	48
84	Cellular Werner phenotypes in mice expressing a putative dominant-negative human WRN gene. <i>Genetics</i> , 2000 , 154, 357-62	4	45
83	Decline in muscle strength and running endurance in klotho deficient C57BL/6 mice. <i>Biogerontology</i> , 2013 , 14, 729-39	4.5	40
82	Mitochondrial-Targeted Catalase Protects Against High-Fat Diet-Induced Muscle Insulin Resistance by Decreasing Intramuscular Lipid Accumulation. <i>Diabetes</i> , 2017 , 66, 2072-2081	0.9	35

81	Exercise training in transgenic mice is associated with attenuation of early breast cancer growth in a dose-dependent manner. <i>PLoS ONE</i> , 2013 , 8, e80123	3.7	33
80	Chronic low-level exposure to the common seafood toxin domoic acid causes cognitive deficits in mice. <i>Harmful Algae</i> , 2017 , 64, 20-29	5.3	32
79	C. elegans S6K Mutants Require a Creatine-Kinase-like Effector for Lifespan Extension. <i>Cell Reports</i> , 2016 , 14, 2059-2067	10.6	32
78	Exercise enhances wound healing and prevents cancer progression during aging by targeting macrophage polarity. <i>Mechanisms of Ageing and Development</i> , 2014 , 139, 41-8	5.6	31
77	Attenuation of age-related metabolic dysfunction in mice with a targeted disruption of the Cbeta subunit of protein kinase A. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009 , 64, 1221-31	6.4	31
76	Utility of a C57BL/6 ES line versus 129 ES lines for targeted mutations in mice. <i>Transgenic Research</i> , 2003 , 12, 743-6	3.3	30
75	Exercise, physical activity and breast cancer: the role of tumor-associated macrophages. <i>Exercise Immunology Review</i> , 2012 , 18, 158-76	8.6	30
74	A mitochondrial view of aging, reactive oxygen species and metastatic cancer. <i>Aging Cell</i> , 2010 , 9, 462-5	9.9	29
73	Glycine supplementation extends lifespan of male and female mice. <i>Aging Cell</i> , 2019 , 18, e12953	9.9	28
72	ATM is a key driver of NF-B-dependent DNA-damage-induced senescence, stem cell dysfunction and aging. <i>Aging</i> , 2020 , 12, 4688-4710	5.6	26
71	Fe65 stimulates proteolytic liberation of the beta-amyloid precursor protein intracellular domain. <i>Journal of Biological Chemistry</i> , 2007 , 282, 33313-33325	5.4	24
70	Tissue specific expression of PKR protein kinase in aging B6D2F1 mice. <i>Mechanisms of Ageing and Development</i> , 2000 , 114, 123-32	5.6	23
69	Mitochondrial redox signaling and cancer invasiveness. <i>Journal of Bioenergetics and Biomembranes</i> , 2012 , 44, 635-8	3.7	22
68	Protein kinase A signaling as an anti-aging target. <i>Ageing Research Reviews</i> , 2010 , 9, 269-72	12	22
67	Hyperinsulinemia and insulin resistance in Wrn null mice fed a diabetogenic diet. <i>Mechanisms of Ageing and Development</i> , 2008 , 129, 201-6	5.6	21
66	A New Preclinical Paradigm for Testing Anti-Aging Therapeutics. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 760-762	6.4	19
65	Grip strength is potentially an early indicator of age-related decline in mice. <i>Pathobiology of Aging & Age Related Diseases</i> , 2016 , 6, 32981	1.3	19
64	The potential use of physical resilience to predict healthy aging. <i>Pathobiology of Aging & Age Related Diseases</i> , 2018 , 8, 1403844	1.3	18

63	Mice lacking the C β subunit of PKA are resistant to angiotensin II-induced cardiac hypertrophy and dysfunction. <i>BMC Research Notes</i> , 2010 , 3, 307	2.3	18
62	Protein kinase A is a target for aging and the aging heart. <i>Aging</i> , 2010 , 2, 238-43	5.6	18
61	Curcumin suppresses intestinal polyps in APC Min mice fed a high fat diet. <i>Pathobiology of Aging & Age Related Diseases</i> , 2011 , 1,	1.3	17
60	Heterochronic parabiosis regulates the extent of cellular senescence in multiple tissues. <i>GeroScience</i> , 2020 , 42, 951-961	8.9	16
59	Chronic oral rapamycin decreases adiposity, hepatic triglycerides and insulin resistance in male mice fed a diet high in sucrose and saturated fat. <i>Experimental Physiology</i> , 2018 , 103, 1469-1480	2.4	15
58	Validation of a geropathology grading system for aging mouse studies. <i>GeroScience</i> , 2019 , 41, 455-465	8.9	14
57	The Geropathology Research Network: An Interdisciplinary Approach for Integrating Pathology Into Research on Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 431-4	6.4	11
56	A novel radial water tread maze tracks age-related cognitive decline in mice. <i>Pathobiology of Aging & Age Related Diseases</i> , 2013 , 3,	1.3	11
55	Canagliflozin extends life span in genetically heterogeneous male but not female mice. <i>JCI Insight</i> , 2020 , 5,	9.9	11
54	Novel application of a Radial Water Tread maze can distinguish cognitive deficits in mice with traumatic brain injury. <i>Brain Research</i> , 2017 , 1657, 140-147	3.7	10
53	A Novel One-Day Learning Procedure for Mice. <i>Current Protocols in Mouse Biology</i> , 2020 , 10, e68	1.1	10
52	Deletion of P58(IPK), the Cellular Inhibitor of the Protein Kinases PKR and PERK, Causes Bone Changes and Joint Degeneration in Mice. <i>Frontiers in Endocrinology</i> , 2014 , 5, 174	5.7	10
51	Pathology is a critical aspect of preclinical aging studies. <i>Pathobiology of Aging & Age Related Diseases</i> , 2013 , 3,	1.3	10
50	Mitochondrial catalase suppresses naturally occurring lung cancer in old mice. <i>Pathobiology of Aging & Age Related Diseases</i> , 2015 , 5, 28776	1.3	9
49	T-cell receptor vbeta deletion and valpha polymorphism are responsible for the resistance of SWR mouse to arthritis induction. <i>Immunogenetics</i> , 1999 , 49, 764-72	3.2	9
48	Pre-tumor exercise decreases breast cancer in old mice in a distance-dependent manner. <i>American Journal of Cancer Research</i> , 2014 , 4, 378-84	4.4	9
47	Genetics of extreme human longevity to guide drug discovery for healthy ageing. <i>Nature Metabolism</i> , 2020 , 2, 663-672	14.6	9
46	The quality control theory of aging. <i>Pathobiology of Aging & Age Related Diseases</i> , 2014 , 4,	1.3	7

45	B16 melanoma tumor growth is delayed in mice in an age-dependent manner. <i>Pathobiology of Aging & Age Related Diseases</i> , 2012 , 2,	1.3	7
44	Sleep-deprived cognitive impairment in aging mice is alleviated by rapamycin.. <i>Aging Pathobiology and Therapeutics</i> , 2019 , 1, 5-9	2.4	7
43	Breast tumors in PyMT transgenic mice expressing mitochondrial catalase have decreased labeling for macrophages and endothelial cells. <i>Pathobiology of Aging & Age Related Diseases</i> , 2012 , 2,	1.3	6
42	Approaches to determine clinical significance of genetic variants. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005 , 573, 205-20	3.3	6
41	Expression of human PKR protein kinase in transgenic mice. <i>Journal of Interferon and Cytokine Research</i> , 2002 , 22, 329-34	3.5	6
40	Self-motivated and stress-response performance assays in mice are age-dependent. <i>Experimental Gerontology</i> , 2017 , 91, 1-4	4.5	5
39	Measuring biological age in mice using differential mass spectrometry. <i>Aging</i> , 2019 , 11, 1045-1061	5.6	5
38	Tumor growth is suppressed in mice expressing a truncated XRCC1 protein. <i>American Journal of Cancer Research</i> , 2012 , 2, 168-77	4.4	5
37	Comparative Mouse Genomics Centers Consortium: the Mouse Genotype Database. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006 , 595, 137-44	3.3	4
36	Rare genetic coding variants associated with human longevity and protection against age-related diseases. <i>Nature Aging</i> , 2021 , 1, 783-794		4
35	Development of a cyclophosphamide stress test to predict resilience to aging in mice. <i>GeroScience</i> , 2020 , 42, 1675-1683	8.9	3
34	Pathobiology of aging: an old problem gets a new look. <i>Pathobiology of Aging & Age Related Diseases</i> , 2011 , 1,	1.3	3
33	The potential of GHK as an anti-aging peptide.. <i>Aging Pathobiology and Therapeutics</i> , 2020 , 2, 58-61	2.4	3
32	Resilience to acute sleep deprivation is associated with attenuation of hippocampal mediated learning impairment.. <i>Aging Pathobiology and Therapeutics</i> , 2020 , 2, 195-202	2.4	3
31	Application of the microfluidic-assisted replication track analysis to measure DNA repair in human and mouse cells. <i>Methods</i> , 2016 , 108, 99-110	4.6	3
30	Rapamycin increases breast tumor burden in young wheel-running mice. <i>Pathobiology of Aging & Age Related Diseases</i> , 2019 , 9, 1647746	1.3	2
29	An immunohistochemical approach for monitoring effects of exercise on tumor stromal cells in old mice. <i>Pathobiology of Aging & Age Related Diseases</i> , 2014 , 4,	1.3	2
28	The unrecognized potential of pet cats for studying aging and age-related diseases.. <i>Aging Pathobiology and Therapeutics</i> , 2021 , 3, 134-135	2.4	2

27	Development of a Geropathology Grading Platform for nonhuman primates. <i>Aging Pathobiology and Therapeutics</i> , 2020 , 2, 16-19	2.4	2
26	The geropathology of organ-specific aging. <i>Journal of Translational Science</i> , 2021 , 7,	2.2	2
25	Adverse Neurological Effects of Short-Term Sleep Deprivation in Aging Mice Are Prevented by SS31 Peptide. <i>Clocks & Sleep</i> , 2020 , 2, 325-333	2.9	2
24	Cross species application of quantitative neuropathology assays developed for clinical Alzheimer's disease samples. <i>Pathobiology of Aging & Age Related Diseases</i> , 2019 , 9, 1657768	1.3	1
23	Pathobiology of aging and age-related diseases is the official journal of the Geropathology Research Network. <i>Pathobiology of Aging & Age Related Diseases</i> , 2019 , 9, 1593786	1.3	1
22	A model of chronic hepatitis in mice expressing a truncated XRCC1 protein. <i>Pathobiology of Aging & Age Related Diseases</i> , 2015 , 5, 27703	1.3	1
21	Short-term oral rapamycin prevents age-related learning impairment in mice.. <i>Aging Pathobiology and Therapeutics</i> , 2020 , 2, 166-167	2.4	1
20	An immune stress test for resilience to aging: Pneumococcal vaccine response.. <i>Aging Pathobiology and Therapeutics</i> , 2020 , 2, 171-172	2.4	1
19	Adverse neurological effects of short-term sleep deprivation in aging mice are prevented by SS31 peptide		1
18	QuPath. A new digital imaging tool for geropathology.. <i>Aging Pathobiology and Therapeutics</i> , 2020 , 2, 114-116	2.4	1
17	A geropathology approach for identifying therapeutic targets to prevent pathological complications of COVID-19. <i>Aging Pathobiology and Therapeutics</i> , 2020 , 2, 106-108	2.4	1
16	A model for studying cutaneous wound healing and resilience to aging: Ear punch biopsy in old mice.. <i>Aging Pathobiology and Therapeutics</i> , 2020 , 2, 173-175	2.4	1
15	A Geroscience Approach to Preventing Pathologic Consequences of COVID-19. <i>Journal of Interferon and Cytokine Research</i> , 2020 , 40, 433-437	3.5	1
14	Physical performance is enhanced in old mice fed a short term diet medicated with rapamycin, acarbose, and phenylbutyrate.. <i>Aging Pathobiology and Therapeutics</i> , 2021 , 3, 12-13	2.4	1
13	Modeling Alzheimer's disease in progeria mice. An age-related concept. <i>Pathobiology of Aging & Age Related Diseases</i> , 2018 , 8, 1524815	1.3	0
12	Resilience to aging is a heterogeneous characteristic defined by physical stressors.. <i>Aging Pathobiology and Therapeutics</i> , 2022 , 4, 19-22	2.4	0
11	Geropathology. An inside view of biological aging.. <i>Aging Pathobiology and Therapeutics</i> , 2022 , 4, 23-24	2.4	0
10	Short term treatment with a cocktail of rapamycin, acarbose and phenylbutyrate delays aging phenotypes in mice.. <i>Scientific Reports</i> , 2022 , 12, 7300	4.9	0

- 9 Mice expressing an XRCC1 truncated protein are at increased risk for insulin resistance. *Pathobiology of Aging & Age Related Diseases*, **2019**, 9, 1603517 1.3
- 8 Wheel running predicts resilience to tumors in old mice. *Pathobiology of Aging & Age Related Diseases*, **2019**, 9, 1676104 1.3
- 7 Neutrophil response to cyclophosphamide predicts resilience to age-related learning impairment.. *Aging Pathobiology and Therapeutics*, **2020**, 2, 230-231 2.4
- 6 Harnessing the heterogeneity of aging.. *Aging Pathobiology and Therapeutics*, **2021**, 3, 1 2.4
- 5 Precision aging. Human lifespan has intrinsic limits but measurable outcomes.. *Aging Pathobiology and Therapeutics*, **2021**, 3, 39-40 2.4
- 4 The antidiabetic drug acarbose suppresses age-related lesions in C57BL/6 mice in an organ dependent manner.. *Aging Pathobiology and Therapeutics*, **2021**, 3, 41-42 2.4
- 3 University of Washington Nathan Shock Center: innovation to advance aging research. *GeroScience*, **2021**, 43, 2161-2165 8.9
- 2 Mouse modeling for anxiety disorders in older adults.. *Aging Pathobiology and Therapeutics*, **2021**, 3, 77-78 2.4
- 1 PathoClock and PhysioClock in mice recapitulate human multimorbidity and heterogeneous aging.. *Aging Pathobiology and Therapeutics*, **2021**, 3, 107-126 2.4