David E Harrison

List of Publications by Year
in descending order

38 papers	7,696 citations	257450 24 h-index	345221 36 g-index
39 all docs	39 docs citations	39 times ranked	7632 citing authors

#	Article	IF	Citations
1	Rapamycin fed late in life extends lifespan in genetically heterogeneous mice. Nature, 2009, 460, 392-395.	27.8	3,191
2	Rapamycin, But Not Resveratrol or Simvastatin, Extends Life Span of Genetically Heterogeneous Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 191-201.	3.6	774
3	Rapamycin slows aging in mice. Aging Cell, 2012, 11, 675-682.	6.7	580
4	Rapamycinâ€mediated lifespan increase in mice is dose and sex dependent and metabolically distinct from dietary restriction. Aging Cell, 2014, 13, 468-477.	6.7	486
5	Aging in inbred strains of mice: study design and interim report on median lifespans and circulating IGF1 levels. Aging Cell, 2009, 8, 277-287.	6.7	359
6	Acarbose, 17â€Î±â€estradiol, and nordihydroguaiaretic acid extend mouse lifespan preferentially in males. Aging Cell, 2014, 13, 273-282.	6.7	331
7	Nordihydroguaiaretic acid and aspirin increase lifespan of genetically heterogeneous male mice. Aging Cell, 2008, 7, 641-650.	6.7	283
8	Longer lifespan in male mice treated with a weakly estrogenic agonist, an antioxidant, an Î±â€glucosidase inhibitor or a Nrf2â€inducer. Aging Cell, 2016, 15, 872-884.	6.7	277
9	Evaluation of Resveratrol, Green Tea Extract, Curcumin, Oxaloacetic Acid, and Medium-Chain Triglyceride Oil on Life Span of Genetically Heterogeneous Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 6-16.	3.6	182
10	An aging Interventions Testing Program: study design and interim report. Aging Cell, 2007, 6, 565-575.	6.7	177
11	Genetic coregulation of age of female sexual maturation and lifespan through circulating IGF1 among inbred mouse strains. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8224-8229.	7.1	98
12	Acarbose improves health and lifespan in aging HET3 mice. Aging Cell, 2019, 18, e12898.	6.7	90
13	NIA Interventions Testing Program: Investigating Putative Aging Intervention Agents in a Genetically Heterogeneous Mouse Model. EBioMedicine, 2017, 21, 3-4.	6.1	87
14	Life Extension by Diet Restriction and N-Acetyl-L-Cysteine in Genetically Heterogeneous Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 1275-1284.	3.6	77
15	Young and old genetically heterogeneous <scp>HET</scp>3 mice on a rapamycin diet are glucose intolerant but insulin sensitive. Aging Cell, 2013, 12, 712-718.	6.7	70
16	Histone modifications change with age, dietary restriction and rapamycin treatment in mouse brain. Oncotarget, 2015, 6, 15882-15890.	1.8	61
17	Regulation of Selenoproteins and Methionine Sulfoxide Reductases A and B1 by Age, Calorie Restriction, and Dietary Selenium in Mice. Antioxidants and Redox Signaling, 2010, 12, 829-838.	5.4	59
18	Glycine supplementation extends lifespan of male and female mice. Aging Cell, 2019, 18, e12953.	6.7	53

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19	Canagliflozin extends life span in genetically heterogeneous male but not female mice. JCI Insight, 2020, 5, .	5.0	51
20	Rapamycinâ€mediated mouse lifespan extension: Lateâ€life dosage regimes with sexâ€specific effects. Aging Cell, 2020, 19, e13269.	6.7	49
21	17â€aâ€estradiol late in life extends lifespan in aging UMâ€HET3 male mice; nicotinamide riboside and three other drugs do not affect lifespan in either sex. Aging Cell, 2021, 20, e13328.	6.7	48
22	Rapamycin doses sufficient to extend lifespan do not compromise muscle mitochondrial content or endurance. Aging, 2013, 5, 539-550.	3.1	46
23	Rapamycin treatment benefits glucose metabolism in mouse models of type 2 diabetes. Aging, 2016, 8, 3120-3130.	3.1	42
24	PohnB6F1: A Cross of Wild and Domestic Mice That Is a New Model of Extended Female Reproductive Life Span. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2007, 62, 1187-1198.	3.6	32
25	Reduced <i>inÂvivo</i> hepatic proteome replacement rates but not cell proliferation rates predict maximum lifespan extension in mice. Aging Cell, 2016, 15, 118-127.	6.7	26
26	Genetically diverse mice are novel and valuable models of age-associated susceptibility to Mycobacterium tuberculosis. Immunity and Ageing, 2014, 11, 24.	4.2	23
27	Selection for maximum longevity in mice. Experimental Gerontology, 1997, 32, 65-78.	2.8	22
28	Rapamycin Ameliorates Nephropathy despite Elevating Hyperglycemia in a Polygenic Mouse Model of Type 2 Diabetes, NONcNZO10/LtJ. PLoS ONE, 2014, 9, e114324.	2.5	22
29	GeneticÂdifferences and longevityâ€related phenotypes influenceÂlifespan and lifespan variationÂin a sexâ€specific mannerÂin mice. Aging Cell, 2020, 19, e13263.	6.7	18
30	Genetic Regulation of Life Span, Metabolism, and Body Weight in Pohn, a New Wild-Derived Mouse Strain. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 27-35.	3.6	15
31	Cardioprotective effects of dietary rapamycin on adult female C57BLKS/Jâ€<i>Lepr^{db}</i> mice. Annals of the New York Academy of Sciences, 2018, 1418, 106-117.	3.8	14
32	NIA Interventions Testing Program: A collaborative approach for investigating interventions to promote healthy aging. , 2021, , 219-235.		11
33	Altered growth characteristics of skin fibroblasts from wild-derived mice, and genetic loci regulating fibroblast clone size. Aging Cell, 2006, 5, 203-212.	6.7	9
34	Murine Adipose Tissue-Derived Stromal Cell Apoptosis and Susceptibility to Oxidative Stress In Vitro Are Regulated by Genetic Background. PLoS ONE, 2013, 8, e61235.	2.5	9
35	Genetic Regulation of Female Sexual Maturation and Longevity Through Circulating IGF1. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 817-826.	3.6	8
36	Differential Effects of Rapamycin on Glucose Metabolism in Nine Inbred Strains. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 50-57.	3.6	7

#	Article	IF	Citations
37	Of worms and women. Nature, 2010, 468, 386-387.	27.8	6
38	NIA Interventions Testing Program. , 2016, , 287-303.		3