

James R Cypser

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,958
citations

361045

20
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

1930
citing authors

#	ARTICLE	IF	CITATIONS
1	A stress-sensitive reporter predicts longevity in isogenic populations of <i>Caenorhabditis elegans</i> . <i>Nature Genetics</i> , 2005, 37, 894-898.	9.4	359
2	Insulin regulation of heart function in aging fruit flies. <i>Nature Genetics</i> , 2004, 36, 1275-1281.	9.4	295
3	Multiple Stressors in <i>Caenorhabditis elegans</i> Induce Stress Hormesis and Extended Longevity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2002, 57, B109-B114.	1.7	294
4	Direct observation of stress response in <i>Caenorhabditis elegans</i> using a reporter transgene. <i>Cell Stress and Chaperones</i> , 1999, 4, 235.	1.2	178
5	Relationship between increased longevity and stress resistance as assessed through gerontogene mutations in <i>Caenorhabditis elegans</i> . <i>Experimental Gerontology</i> , 2001, 36, 1609-1617.	1.2	139
6	Hormesis and aging in <i>Caenorhabditis elegans</i> . <i>Experimental Gerontology</i> , 2006, 41, 935-939.	1.2	126
7	Hormesis and debilitation effects in stress experiments using the nematode worm <i>Caenorhabditis elegans</i> : the model of balance between cell damage and HSP levels. <i>Experimental Gerontology</i> , 2001, 37, 57-66.	1.2	62
8	Heating stress patterns in <i>Caenorhabditis elegans</i> longevity and survivorship. <i>Biogerontology</i> , 2001, 2, 35-44.	2.0	53
9	Ageing and survival after different doses of heat shock: the results of analysis of data from stress experiments with the nematode worm <i>Caenorhabditis elegans</i> . <i>Mechanisms of Ageing and Development</i> , 2001, 122, 1477-1495.	2.2	52
10	Hormesis in <i>Caenorhabditis elegans</i> dauer-defective mutants. <i>Biogerontology</i> , 2003, 4, 203-214.	2.0	47
11	Expression of a Single-Copy hsp-16.2 Reporter Predicts Life span. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67, 726-733.	1.7	40
12	Movement decline across lifespan of <i>Caenorhabditis elegans</i> mutants in the insulin/insulin-like signaling pathway. <i>Aging Cell</i> , 2018, 17, e12704.	3.0	35
13	The <i>spe-10</i> mutant has longer life and increased stress resistance†. <i>Neurobiology of Aging</i> , 1999, 20, 503-512.	1.5	34
14	Multiple mild heat-shocks decrease the Gompertz component of mortality in <i>Caenorhabditis elegans</i> . <i>Experimental Gerontology</i> , 2009, 44, 607-612.	1.2	31
15	Dietary restriction in <i>C. elegans</i> : Recent advances. <i>Experimental Gerontology</i> , 2013, 48, 1014-1017.	1.2	29
16	Genetic Dissection of Late-Life Fertility in <i>Caenorhabditis elegans</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 842-854.	1.7	28
17	Molecular Genetic Mechanisms of Life Span Manipulation in <i>Caenorhabditis elegans</i> . <i>Annals of the New York Academy of Sciences</i> , 2000, 908, 40-49.	1.8	26
18	Hormesis extends the correlation between stress resistance and life span in long-lived mutants of <i>Caenorhabditis elegans</i> . <i>Human and Experimental Toxicology</i> , 2001, 20, 295-296.	1.1	23

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19	Predicting longevity in <i>C. elegans</i> : Fertility, mobility and gene expression. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 291-297.	2.2	23
20	Coenzyme Q supports distinct developmental processes in <i>Caenorhabditis elegans</i> . <i>Mechanisms of Ageing and Development</i> , 2009, 130, 145-153.	2.2	22
21	Mortality shifts in <i>Caenorhabditis elegans</i> : remembrance of conditions past. <i>Aging Cell</i> , 2009, 8, 666-675.	3.0	22
22	The U-Shaped Response of Initial Mortality in <i>Caenorhabditis elegans</i> to Mild Heat Shock: Does It Explain Recent Trends in Human Mortality?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008, 63, 660-668.	1.7	19
23	Quantifying Phenotypic Variation in Isogenic <i>Caenorhabditis elegans</i> Expressing <i>Phsp-16.2::gfp</i> by Clustering 2D Expression Patterns. <i>PLoS ONE</i> , 2010, 5, e11426.	1.1	13
24	Genetic suppression of cryoprotectant toxicity. <i>Cryobiology</i> , 2019, 86, 95-102.	0.3	8
25	Genetic suppression of cryoprotectant toxicity. <i>Cryobiology</i> , 2020, 97, 255.	0.3	0