

George L Sutphin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4147983/publications.pdf>

Version: 2024-02-01

33
papers

3,106
citations

331259

21
h-index

476904

29
g-index

35
all docs

35
docs citations

35
times ranked

4833
citing authors

#	ARTICLE	IF	CITATIONS
1	Longevity as a complex genetic trait. , 2021, , 3-42.		0
2	Kynurenine pathway, NAD+ synthesis, and mitochondrial function: Targeting tryptophan metabolism to promote longevity and healthspan. <i>Experimental Gerontology</i> , 2020, 132, 110841.	1.2	127
3	Integration of heterogeneous functional genomics data in gerontology research to find genes and pathway underlying aging across species. <i>PLoS ONE</i> , 2019, 14, e0214523.	1.1	5
4	A new defense in the battle of the sexes. <i>ELife</i> , 2019, 8, .	2.8	1
5	<i>Caenorhabditis elegans</i> orthologs of human genes differentially expressed with age are enriched for determinants of longevity. <i>Aging Cell</i> , 2017, 16, 672-682.	3.0	47
6	Environmental Canalization of Life Span and Gene Expression in <i>Caenorhabditis elegans</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1033-1037.	1.7	14
7	Genetic interaction with temperature is an important determinant of nematode longevity. <i>Aging Cell</i> , 2017, 16, 1425-1429.	3.0	25
8	WORMHOLE: Novel Least Diverged Ortholog Prediction through Machine Learning. <i>PLoS Computational Biology</i> , 2016, 12, e1005182.	1.5	21
9	Age-associated vulval integrity is an important marker of nematode healthspan. <i>Age</i> , 2016, 38, 419-431.	3.0	34
10	Longevity as a Complex Genetic Trait. , 2016, , 3-54.		2
11	Sorbitol treatment extends lifespan and induces the osmotic stress response in <i>Caenorhabditis elegans</i> . <i>Frontiers in Genetics</i> , 2015, 6, 316.	1.1	25
12	The transcriptional landscape of age in human peripheral blood. <i>Nature Communications</i> , 2015, 6, 8570.	5.8	533
13	A Comprehensive Analysis of Replicative Lifespan in 4,698 Single-Gene Deletion Strains Uncovers Conserved Mechanisms of Aging. <i>Cell Metabolism</i> , 2015, 22, 895-906.	7.2	212
14	Transcription errors induce proteotoxic stress and shorten cellular lifespan. <i>Nature Communications</i> , 2015, 6, 8065.	5.8	73
15	Inactivation of Yeast Isw2 Chromatin Remodeling Enzyme Mimics Longevity Effect of Calorie Restriction via Induction of Genotoxic Stress Response. <i>Cell Metabolism</i> , 2014, 19, 952-966.	7.2	69
16	Replicative Life Span Analysis in Budding Yeast. <i>Methods in Molecular Biology</i> , 2014, 1205, 341-357.	0.4	2
17	Molecular mechanisms underlying genotype-dependent responses to dietary restriction. <i>Aging Cell</i> , 2013, 12, 1050-1061.	3.0	137
18	Dietary restriction and mitochondrial function link replicative and chronological aging in <i>Saccharomyces cerevisiae</i> . <i>Experimental Gerontology</i> , 2013, 48, 1006-1013.	1.2	54

#	ARTICLE	IF	CITATIONS
19	End-of-life cell cycle arrest contributes to stochasticity of yeast replicative aging. <i>FEMS Yeast Research</i> , 2013, 13, 267-276.	1.1	27
20	Stress profiling of longevity mutants identifies <i>Afg3</i> as a mitochondrial determinant of cytoplasmic mRNA translation and aging. <i>Aging Cell</i> , 2013, 12, 156-166.	3.0	62
21	Caffeine extends life span, improves healthspan, and delays age-associated pathology in <i>Caenorhabditis elegans</i> . <i>Longevity & Healthspan</i> , 2012, 1, 9.	6.7	64
22	pH neutralization protects against reduction in replicative lifespan following chronological aging in yeast. <i>Cell Cycle</i> , 2012, 11, 3087-3096.	1.3	63
23	Genome-Wide Analysis of Yeast Aging. <i>Sub-Cellular Biochemistry</i> , 2011, 57, 251-289.	1.0	14
24	Absence of effects of Sir2 overexpression on lifespan in <i>C. elegans</i> and <i>Drosophila</i> . <i>Nature</i> , 2011, 477, 482-485.	13.7	574
25	Comparative Genetics of Aging. , 2011, , 215-241.		1
26	Sir2 deletion prevents lifespan extension in 32 long-lived mutants. <i>Aging Cell</i> , 2011, 10, 1089-1091.	3.0	52
27	Elevated Proteasome Capacity Extends Replicative Lifespan in <i>Saccharomyces cerevisiae</i> . <i>PLoS Genetics</i> , 2011, 7, e1002253.	1.5	202
28	Proteasomal Regulation of the Hypoxic Response Modulates Aging in <i>C. elegans</i> . <i>Science</i> , 2009, 324, 1196-1198.	6.0	220
29	Measuring <i>Caenorhabditis elegans</i> Life Span on Solid Media. <i>Journal of Visualized Experiments</i> , 2009, , .	0.2	143
30	Aging: Evolutionary Theory Meets Genomic Approaches. , 2009, , 339-360.		1
31	Dietary restriction suppresses proteotoxicity and enhances longevity by an <i>insulin/IISF</i> -dependent mechanism in <i>Caenorhabditis elegans</i> . <i>Aging Cell</i> , 2008, 7, 394-404.	3.0	233
32	Dietary restriction by bacterial deprivation increases life span in wild-derived nematodes. <i>Experimental Gerontology</i> , 2008, 43, 130-135.	1.2	63
33	Investigation of Enhanced Vortex Tube Air Separators for Advanced Space Transportation. , 2004, , .		3