

Shane L Rea

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9009127/publications.pdf>

Version: 2024-02-01

20
papers

1,914
citations

471509

17
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

4834
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.	21.4	359
2	Relationship Between Mitochondrial Electron Transport Chain Dysfunction, Development, and Life Extension in <i>Caenorhabditis elegans</i> . <i>PLoS Biology</i> , 2007, 5, e259.	5.6	331
3	<sc>l</sc>-2-Hydroxyglutarate: An Epigenetic Modifier and Putative Oncometabolite in Renal Cancer. <i>Cancer Discovery</i> , 2014, 4, 1290-1298.	9.4	226
4	The role of mitochondrial dysfunction in age-related diseases. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 1387-1400.	1.0	162
5	p53/CEP1 increases or decreases lifespan, depending on level of mitochondrial bioenergetic stress. <i>Aging Cell</i> , 2009, 8, 380-393.	6.7	110
6	A Metabolic Model for Life Span Determination in <i>Caenorhabditis elegans</i> . <i>Developmental Cell</i> , 2003, 5, 197-203.	7.0	102
7	The paradox of mitochondrial dysfunction and extended longevity. <i>Experimental Gerontology</i> , 2014, 56, 221-233.	2.8	87
8	Long-lived mitochondrial (Mit) mutants of <i>Caenorhabditis elegans</i> utilize a novel metabolism. <i>FASEB Journal</i> , 2010, 24, 4977-4988.	0.5	68
9	Autophagy induction extends lifespan and reduces lipid content in response to frataxin silencing in <i>C. elegans</i> . <i>Experimental Gerontology</i> , 2013, 48, 191-201.	2.8	67
10	A metabolic signature for long life in the <i><sc>C</sc>aenorhabditis elegans</i> <i><sc>M</sc>it</i> mutants. <i>Aging Cell</i> , 2013, 12, 130-138.	6.7	62
11	DLK-1, SEK-3 and PMK-3 Are Required for the Life Extension Induced by Mitochondrial Bioenergetic Disruption in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2016, 12, e1006133.	3.5	52
12	Mitochondrial metabolites extend lifespan. <i>Aging Cell</i> , 2016, 15, 336-348.	6.7	52
13	TAF-4 is required for the life extension of isp-1, clk-1 and tpk-1 Mit mutants. <i>Aging</i> , 2013, 5, 741-758.	3.1	51
14	Metabolism in the <i>Caenorhabditis elegans</i> Mit mutants. <i>Experimental Gerontology</i> , 2005, 40, 841-849.	2.8	49
15	<i>Caenorhabditis elegans</i> mitochondrial mutants as an investigative tool to study human neurodegenerative diseases associated with mitochondrial dysfunction. <i>Biotechnology Journal</i> , 2007, 2, 584-595.	3.5	49
16	Profiling the Anaerobic Response of <i>C. elegans</i> Using GC-MS. <i>PLoS ONE</i> , 2012, 7, e46140.	2.5	33
17	Breaking <i>Caenorhabditis elegans</i> the easy way using the Balch homogenizer: An old tool for a new application. <i>Analytical Biochemistry</i> , 2011, 413, 123-132.	2.4	31
18	Long-lived mitochondrial (Mit) mutants of<i><sc>C</sc>aenorhabditis elegans</i> utilize a novel metabolism. <i>FASEB Journal</i> , 2010, 24, 4977-4988.	0.5	9

#	ARTICLE	IF	CITATIONS
19	BRCA1 and BARD1 mediate apoptotic resistance but not longevity upon mitochondrial stress in <i>Caenorhabditis elegans</i> . EMBO Reports, 2018, 19, .	4.5	8
20	Inhibition of ATR Reverses a Mitochondrial Respiratory Insufficiency . Cells, 2022, 11, 1731.	4.1	0