

Shawn Ahmed

List of Publications by Year in descending order

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29
papers

2,458
citations

430874

18
h-index

477307

29
g-index

37
all docs

37
docs citations

37
times ranked

2066
citing authors

#	ARTICLE	IF	CITATIONS
1	piRNAs Can Trigger a Multigenerational Epigenetic Memory in the Germline of <i>C. elegans</i> . <i>Cell</i> , 2012, 150, 88-99.	28.9	673
2	A Conserved Checkpoint Pathway Mediates DNA Damage-Induced Apoptosis and Cell Cycle Arrest in <i>C. elegans</i> . <i>Molecular Cell</i> , 2000, 5, 435-443.	9.7	476
3	MRT-2 checkpoint protein is required for germline immortality and telomere replication in <i>C. elegans</i> . <i>Nature</i> , 2000, 403, 159-164.	27.8	290
4	<i>C. elegans</i> RAD-5/CLK-2 defines a new DNA damage checkpoint protein. <i>Current Biology</i> , 2001, 11, 1934-1944.	3.9	154
5	Reduced Insulin/IGF-1 Signaling Restores Germ Cell Immortality to <i>Caenorhabditis elegans</i> Piwi Mutants. <i>Cell Reports</i> , 2014, 7, 762-773.	6.4	115
6	Developmental Modulation of Nonhomologous End Joining in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2006, 173, 1301-1317.	2.9	103
7	trt-1 Is the <i>Caenorhabditis elegans</i> Catalytic Subunit of Telomerase. <i>PLoS Genetics</i> , 2006, 2, e18.	3.5	91
8	Transgenerational Sterility of Piwi Mutants Represents a Dynamic Form of Adult Reproductive Diapause. <i>Cell Reports</i> , 2018, 23, 156-171.	6.4	67
9	Achieving immortality in the <i>C. elegans</i> germline. <i>Ageing Research Reviews</i> , 2005, 4, 67-82.	10.9	50
10	The MRT-1 nuclease is required for DNA crosslink repair and telomerase activity in vivo in <i>Caenorhabditis elegans</i> . <i>EMBO Journal</i> , 2009, 28, 3549-3563.	7.8	50
11	DNA Synthesis Generates Terminal Duplications That Seal End-to-End Chromosome Fusions. <i>Science</i> , 2011, 332, 468-471.	12.6	49
12	H3K4 demethylase activities repress proliferative and postmitotic aging. <i>Aging Cell</i> , 2014, 13, 245-253.	6.7	46
13	<i>Caenorhabditis elegans</i> RSD-2 and RSD-6 promote germ cell immortality by maintaining small interfering RNA populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4323-E4331.	7.1	44
14	Mutator Phenotype of <i>Caenorhabditis elegans</i> DNA Damage Checkpoint Mutants. <i>Genetics</i> , 2006, 174, 601-616.	2.9	35
15	End Joining at <i>Caenorhabditis elegans</i> Telomeres. <i>Genetics</i> , 2008, 180, 741-754.	2.9	30
16	<i>Caenorhabditis elegans</i> POT-2 telomere protein represses a mode of alternative lengthening of telomeres with normal telomere lengths. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7805-7810.	7.1	29
17	<i>Caenorhabditis elegans</i> POT-1 and POT-2 Repress Telomere Maintenance Pathways. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 305-313.	1.8	29
18	The <i>Caenorhabditis elegans</i> Rad17 Homolog HPR-17 Is Required for Telomere Replication. <i>Genetics</i> , 2007, 176, 703-709.	2.9	22

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19	Lack of pairing during meiosis triggers multigenerational transgene silencing in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2667-E2676.	7.1	20
20	Nematode chromosomes. <i>Genetics</i> , 2022, 221, .	2.9	20
21	Germ granule dysfunction is a hallmark and mirror of Piwi mutant sterility. <i>Nature Communications</i> , 2021, 12, 1420.	12.8	16
22	Uncoupling of pathways that promote postmitotic life span and apoptosis from replicative immortality of <i>Caenorhabditis elegans</i> germ cells. <i>Aging Cell</i> , 2006, 5, 559-563.	6.7	11
23	Telomere dysfunction in human bone marrow failure syndromes. <i>Nucleus</i> , 2011, 2, 24-29.	2.2	11
24	Telomeric small RNAs in the genus <i>Caenorhabditis</i> . <i>Rna</i> , 2019, 25, 1061-1077.	3.5	5
25	The meiotic phosphatase GSP-2/PP1 promotes germline immortality and small RNA-mediated genome silencing. <i>PLoS Genetics</i> , 2019, 15, e1008004.	3.5	5
26	Gametes deficient for Pot1 telomere binding proteins alter levels of telomeric foci for multiple generations. <i>Communications Biology</i> , 2021, 4, 158.	4.4	4
27	Genetic and Epigenetic Inheritance at Telomeres. <i>Epigenomes</i> , 2022, 6, 9.	1.8	4
28	Maternal Inheritance: Longevity Programs Nourish Progeny via Yolk. <i>Current Biology</i> , 2019, 29, R748-R751.	3.9	3
29	Engineering threshold-based selection systems. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	0