

Harold E Smith

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,373
citations

566801

15
h-index

610482

24
g-index

29
all docs

29
docs citations

29
times ranked

1827
citing authors

#	ARTICLE	IF	CITATIONS
1	A Global Profile of Germline Gene Expression in <i>C. elegans</i> . <i>Molecular Cell</i> , 2000, 6, 605-616.	4.5	567
2	Scalable and Versatile Genome Editing Using Linear DNAs with Microhomology to Cas9 Sites in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2014, 198, 1347-1356.	1.2	292
3	E1 Ubiquitin-Activating Enzyme UBA-1 Plays Multiple Roles throughout <i>C. elegans</i> Development. <i>PLoS Genetics</i> , 2008, 4, e1000131.	1.5	55
4	Dynamic sex chromosome expression in <i>Drosophila</i> male germ cells. <i>Nature Communications</i> , 2021, 12, 892.	5.8	53
5	Cytosine base editor 4 but not adenine base editor generates off-target mutations in mouse embryos. <i>Communications Biology</i> , 2020, 3, 19.	2.0	41
6	Mutation frequency is not increased in CRISPR-Cas9-edited mice. <i>Nature Methods</i> , 2018, 15, 756-758.	9.0	38
7	SPE-44 Implements Sperm Cell Fate. <i>PLoS Genetics</i> , 2012, 8, e1002678.	1.5	36
8	The Identification of a Novel Mutant Allele of <i>topoisomerase II</i> in <i>Caenorhabditis elegans</i> Reveals a Unique Role in Chromosome Segregation During Spermatogenesis. <i>Genetics</i> , 2016, 204, 1407-1422.	1.2	35
9	The transcriptional response of <i>Escherichia coli</i> to recombinant protein insolubility. <i>Journal of Structural and Functional Genomics</i> , 2007, 8, 27-35.	1.2	29
10	Nematode sperm motility. <i>WormBook</i> , 2014, , 1-15.	5.3	27
11	Rapid and Efficient Identification of <i>Caenorhabditis elegans</i> Legacy Mutations Using Hawaiian SNP-Based Mapping and Whole-Genome Sequencing. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 1007-1019.	0.8	23
12	Regulation of sperm gene expression by the GATA factor <i>ELT-1</i> . <i>Developmental Biology</i> , 2009, 333, 397-408.	0.9	22
13	Evaluating alignment and variant-calling software for mutation identification in <i>C. elegans</i> by whole-genome sequencing. <i>PLoS ONE</i> , 2017, 12, e0174446.	1.1	21
14	Sperm motility and MSP. <i>WormBook</i> , 2006, , 1-8.	5.3	21
15	Mapping Challenging Mutations by Whole-Genome Sequencing. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1297-1304.	0.8	19
16	Identification of Suppressors of <i>mbk-2/DYRK</i> by Whole-Genome Sequencing. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 231-241.	0.8	15
17	Mutation of <i>NEKL-4/NEK10</i> and <i>TLL</i> genes suppress neuronal ciliary degeneration caused by loss of <i>CCPP-1</i> deglutamylase function. <i>PLoS Genetics</i> , 2020, 16, e1009052.	1.5	15
18	Identifying insertion mutations by whole-genome sequencing. <i>BioTechniques</i> , 2011, 50, 96-97.	0.8	14

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19	The E2F-DP1 Transcription Factor Complex Regulates Centriole Duplication in <i>Caenorhabditis elegans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 709-720.	0.8	14
20	Simultaneous targeting of linked loci in mouse embryos using base editing. <i>Scientific Reports</i> , 2019, 9, 1662.	1.6	12
21	The Paired-box protein PAX-3 regulates the choice between lateral and ventral epidermal cell fates in <i>C. elegans</i> . <i>Developmental Biology</i> , 2016, 412, 191-207.	0.9	11
22	Identification of Suppressors of <i>top-2</i> Embryonic Lethality in <i>Caenorhabditis elegans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1183-1191.	0.8	6
23	Mutation Mapping and Identification by Whole-Genome Sequencing. <i>Methods in Molecular Biology</i> , 2022, 2468, 257-269.	0.4	3
24	A complement factor H homolog, heparan sulfation, and syndecan maintain inversin compartment boundaries in <i>C. elegans</i> cilia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2016698118.	3.3	1
25	Library Construction for Mutation Identification by Whole-Genome Sequencing. <i>Methods in Molecular Biology</i> , 2015, 1327, 1-9.	0.4	0
26	The MLK-1/SCD-4 Mixed Lineage Kinase/MAP3K functions to promote dauer formation upstream of DAF-2/InsR. <i>MicroPublication Biology</i> , 2021, 2021, .	0.1	0