

Christian FrÃ¸kjÃ¸r-Jensen

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,587
citations

430874

18
h-index

526287

27
g-index

34
all docs

34
docs citations

34
times ranked

3522
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-copy insertion of transgenes in <i>Caenorhabditis elegans</i> . <i>Nature Genetics</i> , 2008, 40, 1375-1383.	21.4	1,057
2	Improved Mos1-mediated transgenesis in <i>C. elegans</i> . <i>Nature Methods</i> , 2012, 9, 117-118.	19.0	397
3	Random and targeted transgene insertion in <i>Caenorhabditis elegans</i> using a modified Mos1 transposon. <i>Nature Methods</i> , 2014, 11, 529-534.	19.0	321
4	MicroRNAs act sequentially and asymmetrically to control chemosensory laterality in the nematode. <i>Nature</i> , 2004, 430, 785-789.	27.8	319
5	In Vivo Imaging of <i>C. elegans</i> Mechanosensory Neurons Demonstrates a Specific Role for the MEC-4 Channel in the Process of Gentle Touch Sensation. <i>Neuron</i> , 2003, 39, 1005-1017.	8.1	263
6	The neurotoxic MEC-4(d) DEG/ENaC sodium channel conducts calcium: implications for necrosis initiation. <i>Nature Neuroscience</i> , 2004, 7, 1337-1344.	14.8	126
7	The <i>Caenorhabditis elegans</i> Transgenic Toolbox. <i>Genetics</i> , 2019, 212, 959-990.	2.9	118
8	Pharmacological modulation of SK3 channels. <i>Neuropharmacology</i> , 2001, 40, 879-887.	4.1	116
9	Searching for Neuronal Left/Right Asymmetry: Genomewide Analysis of Nematode Receptor-Type Guanylyl Cyclases. <i>Genetics</i> , 2006, 173, 131-149.	2.9	115
10	Requirement of subunit co-assembly and ankyrin-G for M-channel localization at the axon initial segment. <i>Journal of Cell Science</i> , 2007, 120, 953-963.	2.0	103
11	Targeted gene deletions in <i>C. elegans</i> using transposon excision. <i>Nature Methods</i> , 2010, 7, 451-453.	19.0	94
12	MosSCI and Gateway Compatible Plasmid Toolkit for Constitutive and Inducible Expression of Transgenes in the <i>C. elegans</i> Germline. <i>PLoS ONE</i> , 2011, 6, e20082.	2.5	94
13	An Abundant Class of Non-coding DNA Can Prevent Stochastic Gene Silencing in the <i>C. elegans</i> Germline. <i>Cell</i> , 2016, 166, 343-357.	28.9	92
14	Exciting Prospects for Precise Engineering of <i>Caenorhabditis elegans</i> Genomes with CRISPR/Cas9. <i>Genetics</i> , 2013, 195, 635-642.	2.9	75
15	Effects of voltage-gated calcium channel subunit genes on calcium influx in cultured <i>C. elegans</i> mechanosensory neurons. <i>Journal of Neurobiology</i> , 2006, 66, 1125-1139.	3.6	50
16	Engineering rules that minimize germline silencing of transgenes in simple extrachromosomal arrays in <i>C. elegans</i> . <i>Nature Communications</i> , 2020, 11, 6300.	12.8	43
17	The $\hat{1}$ Subunit EGL-19, the $\hat{2}$ Subunit UNC-36, and the $\hat{3}$ Subunit CCB-1 Underlie Voltage-dependent Calcium Currents in <i>Caenorhabditis elegans</i> Striated Muscle. <i>Journal of Biological Chemistry</i> , 2011, 286, 36180-36187.	3.4	32
18	Chromosome-wide mechanisms to decouple gene expression from gene dose during sex-chromosome evolution. <i>ELife</i> , 2016, 5, .	6.0	27

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19	A single-nucleotide change underlies the genetic assimilation of a plastic trait. <i>Science Advances</i> , 2021, 7, .	10.3	22
20	Transposon-Assisted Genetic Engineering with Mos1-Mediated Single-Copy Insertion (MosSCI). <i>Methods in Molecular Biology</i> , 2015, 1327, 49-58.	0.9	22
21	Assessment and Maintenance of Unigametic Germline Inheritance for <i>C.Âelegans</i> . <i>Developmental Cell</i> , 2019, 48, 827-839.e9.	7.0	21
22	Ammonium-Acetate Is Sensed by Gustatory and Olfactory Neurons in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2008, 3, e2467.	2.5	21
23	Reprogramming the piRNA pathway for multiplexed and transgenerational gene silencing in <i>C. elegans</i> . <i>Nature Methods</i> , 2022, 19, 187-194.	19.0	19
24	Analysis of a <i>lin-42</i> Null Allele Implicates All Three Isoforms in Regulation of <i>Caenorhabditis elegans</i> Molting and Developmental Timing. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 4077-4086.	1.8	18
25	SapTrap Assembly of <i>Caenorhabditis elegans</i> MosSCI Transgene Vectors. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 635-644.	1.8	10
26	A balance between silencing foreign DNA and protecting self in <i>Caenorhabditis elegans</i> . <i>Current Opinion in Systems Biology</i> , 2019, 13, 37-43.	2.6	4
27	Characterizing a strong pan-muscular promoter (P) as a fluorescent co-injection marker to select for single-copy insertions. <i>MicroPublication Biology</i> , 2020, 2020, .	0.1	2
28	Calcium: an insignificant thing. <i>Nature Neuroscience</i> , 2009, 12, 1213-1214.	14.8	0
29	A histamine-gated channel is an efficient negative selection marker for transgenesis. <i>MicroPublication Biology</i> , 2021, 2021, .	0.1	0
30	Targeted and Random Transposon-Assisted Single-Copy Transgene Insertion in <i>C. elegans</i> . <i>Methods in Molecular Biology</i> , 2022, 2468, 239-256.	0.9	0