

Florian A Steiner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2640846/publications.pdf>

Version: 2024-02-01

21
papers

1,309
citations

759233

12
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

1873
citing authors

#	ARTICLE	IF	CITATIONS
1	Secondary siRNAs Result from Unprimed RNA Synthesis and Form a Distinct Class. <i>Science</i> , 2007, 315, 244-247.	12.6	360
2	Cloning and expression of new microRNAs from zebrafish. <i>Nucleic Acids Research</i> , 2006, 34, 2558-2569.	14.5	169
3	Cell-type-specific nuclei purification from whole animals for genome-wide expression and chromatin profiling. <i>Genome Research</i> , 2012, 22, 766-777.	5.5	112
4	Holocentromeres are dispersed point centromeres localized at transcription factor hotspots. <i>ELife</i> , 2014, 3, e02025.	6.0	103
5	Splice site m6A methylation prevents binding of U2AF35 to inhibit RNA splicing. <i>Cell</i> , 2021, 184, 3125-3142.e25.	28.9	103
6	Structural features of small RNA precursors determine Argonaute loading in <i>Caenorhabditis elegans</i> . <i>Nature Structural and Molecular Biology</i> , 2007, 14, 927-933.	8.2	80
7	RDE-1 slicer activity is required only for passenger-strand cleavage during RNAi in <i>Caenorhabditis elegans</i> . <i>Nature Structural and Molecular Biology</i> , 2009, 16, 207-211.	8.2	68
8	Diversity in the organization of centromeric chromatin. <i>Current Opinion in Genetics and Development</i> , 2015, 31, 28-35.	3.3	68
9	MicroRNA-Directed siRNA Biogenesis in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2010, 6, e1000903.	3.5	67
10	Structure of centromere chromatin: from nucleosome to chromosomal architecture. <i>Chromosoma</i> , 2017, 126, 443-455.	2.2	44
11	Differential Expression of Histone H3.3 Genes and Their Role in Modulating Temperature Stress Response in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2018, 209, 551-565.	2.9	39
12	The FASTK family proteins fine-tune mitochondrial RNA processing. <i>PLoS Genetics</i> , 2021, 17, e1009873.	3.5	16
13	H3.3K27M-induced chromatin changes drive ectopic replication through misregulation of the JNK pathway in <i>C. elegans</i> . <i>Nature Communications</i> , 2019, 10, 2529.	12.8	14
14	Transgenerational inheritance of centromere identity requires the CENP-A N-terminal tail in the <i>C. elegans</i> maternal germ line. <i>PLoS Biology</i> , 2021, 19, e3000968.	5.6	13
15	Adaptations for centromere function in meiosis. <i>Essays in Biochemistry</i> , 2020, 64, 193-203.	4.7	13
16	Loss of histone H3.3 results in DNA replication defects and altered origin dynamics in <i>C. elegans</i> . <i>Genome Research</i> , 2020, 30, 1740-1751.	5.5	11
17	Cell Type-Specific Affinity Purification of Nuclei for Chromatin Profiling in Whole Animals. <i>Methods in Molecular Biology</i> , 2015, 1228, 3-14.	0.9	9
18	Transmission of chromatin states across generations in <i>C. elegans</i> . <i>Seminars in Cell and Developmental Biology</i> , 2022, 127, 133-141.	5.0	7

#	ARTICLE	IF	CITATIONS
19	Knocking out the Argonautes. <i>Cell</i> , 2006, 127, 667-668.	28.9	4
20	Cell type-specific epigenome profiling using affinity-purified nuclei. <i>Genesis</i> , 2016, 54, 160-169.	1.6	4
21	Mitotic chromosome condensation requires phosphorylation of the centromeric protein KNL-2 in <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2021, 134, .	2.0	1