

Jill Wildonger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5488522/publications.pdf>

Version: 2024-02-01

19
papers

2,590
citations

471061

17
h-index

794141

19
g-index

25
all docs

25
docs citations

25
times ranked

3805
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Engineering of <i>Drosophila</i> with the CRISPR RNA-Guided Cas9 Nuclease. <i>Genetics</i> , 2013, 194, 1029-1035.	1.2	926
2	Dynein is required for polarized dendritic transport and uniform microtubule orientation in axons. <i>Nature Cell Biology</i> , 2008, 10, 1172-1180.	4.6	265
3	Safeguarding gene drive experiments in the laboratory. <i>Science</i> , 2015, 349, 927-929.	6.0	254
4	A CRISPR view of development. <i>Genes and Development</i> , 2014, 28, 1859-1872.	2.7	194
5	CRISPR-Cas9 Genome Editing in <i>Drosophila</i> . <i>Current Protocols in Molecular Biology</i> , 2015, 111, 31.2.1-31.2.20.	2.9	159
6	Advances in Engineering the Fly Genome with the CRISPR-Cas System. <i>Genetics</i> , 2018, 208, 1-18.	1.2	154
7	CRISPR/Cas9-mediated genome engineering and the promise of designer flies on demand. <i>Fly</i> , 2013, 7, 249-255.	0.9	100
8	Microtubule control of functional architecture in neurons. <i>Current Opinion in Neurobiology</i> , 2019, 57, 39-45.	2.0	77
9	Role of kinesin-1-based microtubule sliding in <i>Drosophila</i> nervous system development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4985-94.	3.3	73
10	Microtubule microtubule sliding by kinesin-1 is essential for normal cytoplasmic streaming in <i>Drosophila</i> oocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4995-5004.	3.3	73
11	Autoinhibition of kinesin-1 is essential to the dendrite-specific localization of Golgi outposts. <i>Journal of Cell Biology</i> , 2018, 217, 2531-2547.	2.3	56
12	Precise Genome Editing of <i>Drosophila</i> with CRISPR RNA-Guided Cas9. <i>Methods in Molecular Biology</i> , 2015, 1311, 335-348.	0.4	52
13	Dendrite arborization requires the dynein cofactor NudE. <i>Journal of Cell Science</i> , 2015, 128, 2191-2201.	1.2	47
14	Microtubule Acetylation Is Required for Mechanosensation in <i>Drosophila</i> . <i>Cell Reports</i> , 2018, 25, 1051-1065.e6.	2.9	47
15	Effects of mutating $\hat{\pm}$ -tubulin lysine 40 on sensory dendrite development. <i>Journal of Cell Science</i> , 2017, 130, 4120-4131.	1.2	38
16	The Seckel syndrome and centrosomal protein Ninein localizes asymmetrically to stem cell centrosomes but is not required for normal development, behavior, or DNA damage response in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2016, 27, 1740-1752.	0.9	25
17	Golgi Outposts Locally Regulate Microtubule Orientation in Neurons but Are Not Required for the Overall Polarity of the Dendritic Cytoskeleton. <i>Genetics</i> , 2020, 215, 435-447.	1.2	25
18	Acetylated $\hat{\pm}$ -tubulin K394 regulates microtubule stability to shape the growth of axon terminals. <i>Current Biology</i> , 2022, 32, 614-630.e5.	1.8	18

#	ARTICLE	IF	CITATIONS
19	Non-enzymatic Activity of the α -Tubulin Acetyltransferase α TAT Limits Synaptic Bouton Growth in Neurons. <i>Current Biology</i> , 2020, 30, 610-623.e5.	1.8	5