Jill Wildonger

List of Publications by Citations

20 papers	1,867 citations	16 h-index	25 g-index
25 ext. papers	2,352 ext. citations	8.3 avg, IF	4.76 L-index

#	Paper	IF	Citations
20	Genome engineering of Drosophila with the CRISPR RNA-guided Cas9 nuclease. *Genetics*, **2013**, 194, 1029-35	4	692
19	Dynein is required for polarized dendritic transport and uniform microtubule orientation in axons. *Nature Cell Biology*, **2008**, 10, 1172-80	23.4	230
18	BIOSAFETY. Safeguarding gene drive experiments in the laboratory. *Science*, **2015**, 349, 927-9	33.3	215
17	A CRISPR view of development. *Genes and Development*, **2014**, 28, 1859-72	12.6	174
16	CRISPR-Cas9 Genome Editing in Drosophila. *Current Protocols in Molecular Biology*, **2015**, 111, 31.2.1-31.2.20	2.9	86
15	Advances in Engineering the Fly Genome with the CRISPR-Cas System. *Genetics*, **2018**, 208, 1-18	4	83
14	CRISPR/Cas9-mediated genome engineering and the promise of designer flies on demand. *Fly*, **2013**, 7, 249-55	1.3	68
13	Role of kinesin-1-based microtubule sliding in Drosophila nervous system development. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E4985-94	11.5	46
12	Microtubule-microtubule sliding by kinesin-1 is essential for normal cytoplasmic streaming in Drosophila oocytes. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E4995-5004	11.5	42
11	Microtubule control of functional architecture in neurons. *Current Opinion in Neurobiology*, **2019**, 57, 39-45	7.6	40
10	Precise Genome Editing of Drosophila with CRISPR RNA-Guided Cas9. *Methods in Molecular Biology*, **2015**, 1311, 335-48	1.4	31
9	Dendrite arborization requires the dynein cofactor NudE. *Journal of Cell Science*, **2015**, 128, 2191-201	5.3	31
8	Microtubule Acetylation Is Required for Mechanosensation in Drosophila. *Cell Reports*, **2018**, 25, 1051-1065.e6	8.3	31
7	Autoinhibition of kinesin-1 is essential to the dendrite-specific localization of Golgi outposts. *Journal of Cell Biology*, **2018**, 217, 2531-2547	7.3	29
6	Effects of mutating tubulin lysine 40 on sensory dendrite development. *Journal of Cell Science*, **2017**, 130, 4120-4131	5.3	28
5	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 Drosophila. *Molecular Biology of the Cell*, **2016**, 27, 1740-52	3.5	18
4	Golgi Outposts Locally Regulate Microtubule Orientation in Neurons but Are Not Required for the Overall Polarity of the Dendritic Cytoskeleton. *Genetics*, **2020**, 215, 435-447	4	15

List of Publications

3	Acetylated Tubulin K394 regulates microtubule stability to shape the growth of axon terminals.. *Current Biology*, **2022**,	6.3	5
2	Non-enzymatic Activity of the Tubulin Acetyltransferase TAT Limits Synaptic Bouton Growth in Neurons. *Current Biology*, **2020**, 30, 610-623.e5	6.3	2
1	Golgi outposts locally regulate microtubule orientation in neurons but are not required for the overall polarity of the dendritic cytoskeleton		1