Jill Wildonger

List of Publications by Year in Descending Order

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	Acetylated α-tubulin K394 regulates microtubule stability to shape the growth of axon terminals.. *Current Biology*, **2022**,	6.3	5
19	Non-enzymatic Activity of the α-Tubulin Acetyltransferase αTAT Limits Synaptic Bouton Growth in Neurons. *Current Biology*, **2020**, 30, 610-623.e5	6.3	2
18	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
17	Microtubule control of functional architecture in neurons. *Current Opinion in Neurobiology*, **2019**, 57, 39-45	7.6	40
16	Advances in Engineering the Fly Genome with the CRISPR-Cas System. *Genetics*, **2018**, 208, 1-18	4	83
15	Microtubule Acetylation Is Required for Mechanosensation in Drosophila. *Cell Reports*, **2018**, 25, 1051-1065.e6	8.3	31
14	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
13	Effects of mutating α-tubulin lysine 40 on sensory dendrite development. *Journal of Cell Science*, **2017**, 130, 4120-4131	5.3	28
12	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
11	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
10	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
9	BIOSAFETY. Safeguarding gene drive experiments in the laboratory. *Science*, **2015**, 349, 927-9	33.3	215
8	Precise Genome Editing of Drosophila with CRISPR RNA-Guided Cas9. *Methods in Molecular Biology*, **2015**, 1311, 335-48	1.4	31
7	CRISPR-Cas9 Genome Editing in Drosophila. *Current Protocols in Molecular Biology*, **2015**, 111, 31.2.1-31.2.20	2.9	86
6	Dendrite arborization requires the dynein cofactor NudE. *Journal of Cell Science*, **2015**, 128, 2191-201	5.3	31
5	A CRISPR view of development. *Genes and Development*, **2014**, 28, 1859-72	12.6	174
4	Genome engineering of Drosophila with the CRISPR RNA-guided Cas9 nuclease. *Genetics*, **2013**, 194, 1029-35	4	692

3	CRISPR/Cas9-mediated genome engineering and the promise of designer flies on demand. *Fly*, **2013**, 7, 249-55	1.3	68
2	Dynein is required for polarized dendritic transport and uniform microtubule orientation in axons. *Nature Cell Biology*, **2008**, 10, 1172-80	23.4	230
1	Golgi outposts locally regulate microtubule orientation in neurons but are not required for the overall polarity of the dendritic cytoskeleton		1