Maria Lynn Spletter

List of Publications by Year
in descending order

18 papers	925 citations	687220 13 h-index	839398 18 g-index
22 all docs	22 docs citations	22 times ranked	1424 citing authors

#	Article	IF	Citations
1	Diversity and wiring variability of olfactory local interneurons in the Drosophila antennal lobe. Nature Neuroscience, 2010, 13, 439-449.	7.1	310
2	Visualizing the Distribution of Synapses from Individual Neurons in the Mouse Brain. PLoS ONE, 2010, 5, e11503.	1.1	112
3	A transcriptomics resource reveals a transcriptional transition during ordered sarcomere morphogenesis in flight muscle. ELife, 2018, 7, .	2.8	69
4	Rotenone-induced caspase 9/3-independent and -dependent cell death in undifferentiated and differentiated human neural stem cells. Journal of Neurochemistry, 2005, 92, 462-476.	2.1	57
5	The <scp>RNA</scp> â€binding protein Arrest (Bruno) regulates alternative splicing to enable myofibril maturation in Drosophila flight muscle. EMBO Reports, 2015, 16, 178-191.	2.0	57
6	Lola regulates Drosophila olfactory projection neuron identity and targeting specificity. Neural Development, 2007, 2, 14.	1.1	51
7	Transcriptional regulation and alternative splicing cooperate in muscle fiber-type specification in flies and mammals. Experimental Cell Research, 2014, 321, 90-98.	1.2	50
8	Polarization-resolved microscopy reveals a muscle myosin motor-independent mechanism of molecular actin ordering during sarcomere maturation. PLoS Biology, 2018, 16, e2004718.	2.6	42
9	Insight into Insulin Secretion from Transcriptome and Genetic Analysis of Insulin-Producing Cells of Drosophila. Genetics, 2014, 197, 175-192.	1.2	41
10	Contributions of alternative splicing to muscle type development and function. Seminars in Cell and Developmental Biology, 2020, 104, 65-80.	2.3	33
11	Frequent Recent Origination of Brain Genes Shaped the Evolution of Foraging Behavior in Drosophila. Cell Reports, 2012, 1, 118-132.	2.9	30
12	Conserved functions of RNA-binding proteins in muscle. International Journal of Biochemistry and Cell Biology, 2019, 110, 29-49.	1.2	19
13	Dissecting tBHQ induced ARE-driven gene expression through long and short oligonucleotide arrays. Physiological Genomics, 2005, 21, 43-58.	1.0	14
14	Dissection of Drosophila melanogaster Flight Muscles for Omics Approaches. Journal of Visualized Experiments, 2019, , .	0.2	13
15	A New Family of Odorant Receptors in Drosophila. Cell, 2009, 136, 23-25.	13.5	11
16	Partitioning RNAs by length improves transcriptome reconstruction from short-read RNA-seq data. Nature Biotechnology, 2022, 40, 741-750.	9.4	7
17	A Candidate RNAi Screen Reveals Diverse RNA-Binding Protein Phenotypes in Drosophila Flight Muscle. Cells, 2021, 10, 2505.	1.8	5
18	Rbfox1 is required for myofibril development and maintaining fiber typeâ€“specific isoform expression in Drosophila muscles. Life Science Alliance, 2022, 5, e202101342.	1.3	2