

# Maria Lynn Spletter

## List of Publications by Year in descending order

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18  
papers

925  
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docs citations

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times ranked

1424  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity and wiring variability of olfactory local interneurons in the <i>Drosophila</i> antennal lobe. <i>Nature Neuroscience</i> , 2010, 13, 439-449.	15.0	310
2	Visualizing the Distribution of Synapses from Individual Neurons in the Mouse Brain. <i>PLoS ONE</i> , 2010, 5, e11503.	2.5	112
3	A transcriptomics resource reveals a transcriptional transition during ordered sarcomere morphogenesis in flight muscle. <i>ELife</i> , 2018, 7, .	6.1	69
4	Rotenone-induced caspase 9/3-independent and -dependent cell death in undifferentiated and differentiated human neural stem cells. <i>Journal of Neurochemistry</i> , 2005, 92, 462-476.	3.9	57
5	The <i>RNA</i> -binding protein Arrest (Bruno) regulates alternative splicing to enable myofibril maturation in <i>Drosophila</i> flight muscle. <i>EMBO Reports</i> , 2015, 16, 178-191.	4.5	57
6	Lola regulates <i>Drosophila</i> olfactory projection neuron identity and targeting specificity. <i>Neural Development</i> , 2007, 2, 14.	2.5	51
7	Transcriptional regulation and alternative splicing cooperate in muscle fiber-type specification in flies and mammals. <i>Experimental Cell Research</i> , 2014, 321, 90-98.	2.6	50
8	Polarization-resolved microscopy reveals a muscle myosin motor-independent mechanism of molecular actin ordering during sarcomere maturation. <i>PLoS Biology</i> , 2018, 16, e2004718.	5.7	42
9	Insight into Insulin Secretion from Transcriptome and Genetic Analysis of Insulin-Producing Cells of <i>Drosophila</i> . <i>Genetics</i> , 2014, 197, 175-192.	2.9	41
10	Contributions of alternative splicing to muscle type development and function. <i>Seminars in Cell and Developmental Biology</i> , 2020, 104, 65-80.	5.2	33
11	Frequent Recent Origination of Brain Genes Shaped the Evolution of Foraging Behavior in <i>Drosophila</i> . <i>Cell Reports</i> , 2012, 1, 118-132.	6.4	30
12	Conserved functions of RNA-binding proteins in muscle. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 110, 29-49.	2.8	19
13	Dissecting tBHQ induced ARE-driven gene expression through long and short oligonucleotide arrays. <i>Physiological Genomics</i> , 2005, 21, 43-58.	2.3	14
14	Dissection of <i>Drosophila melanogaster</i> Flight Muscles for Omics Approaches. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	13
15	A New Family of Odorant Receptors in <i>Drosophila</i> . <i>Cell</i> , 2009, 136, 23-25.	29.2	11
16	Partitioning RNAs by length improves transcriptome reconstruction from short-read RNA-seq data. <i>Nature Biotechnology</i> , 2022, 40, 741-750.	17.6	7
17	A Candidate RNAi Screen Reveals Diverse RNA-Binding Protein Phenotypes in <i>Drosophila</i> Flight Muscle. <i>Cells</i> , 2021, 10, 2505.	4.2	5
18	<i>Rbfox1</i> is required for myofibril development and maintaining fiber type-specific isoform expression in <i>Drosophila</i> muscles. <i>Life Science Alliance</i> , 2022, 5, e202101342.	2.9	2