

Florence Besse

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

930
citations

15
h-index

30
g-index

37
ext. papers

1,127
ext. citations

7.8
avg, IF

4.55
L-index

#	Paper	IF	Citations
33	Translational control of localized mRNAs: restricting protein synthesis in space and time. <i>Nature Reviews Molecular Cell Biology</i> , 2008 , 9, 971-80	48.7	262
32	Principles and roles of mRNA localization in animal development. <i>Development (Cambridge)</i> , 2012 , 139, 3263-76	6.6	140
31	Drosophila PTB promotes formation of high-order RNP particles and represses oskar translation. <i>Genes and Development</i> , 2009 , 23, 195-207	12.6	93
30	Imp promotes axonal remodeling by regulating profilin mRNA during brain development. <i>Current Biology</i> , 2014 , 24, 793-800	6.3	47
29	Apoptosis-mediated cell death within the ovarian polar cell lineage of <i>Drosophila melanogaster</i> . <i>Development (Cambridge)</i> , 2003 , 130, 1017-27	6.6	46
28	Sumoylation regulates FMRP-mediated dendritic spine elimination and maturation. <i>Nature Communications</i> , 2018 , 9, 757	17.4	41
27	The Ig cell adhesion molecule Basigin controls compartmentalization and vesicle release at <i>Drosophila melanogaster</i> synapses. <i>Journal of Cell Biology</i> , 2007 , 177, 843-55	7.3	41
26	Neuronal ribonucleoprotein granules: Dynamic sensors of localized signals. <i>Traffic</i> , 2019 , 20, 639-649	5.7	33
25	Local Translation in Axons: When Membraneless RNP Granules Meet Membrane-Bound Organelles. <i>Frontiers in Molecular Biosciences</i> , 2019 , 6, 129	5.6	23
24	polyhomeotic is required for somatic cell proliferation and differentiation during ovarian follicle formation in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2004 , 131, 1389-400	6.6	20
23	Neuronal RNP granules: from physiological to pathological assemblies. <i>Biological Chemistry</i> , 2018 , 399, 623-635	4.5	19
22	Characterization of the <i>Drosophila</i> myeloid leukemia factor. <i>Genes To Cells</i> , 2006 , 11, 1317-35	2.3	19
21	The prion-like domain of <i>Drosophila</i> Imp promotes axonal transport of RNP granules in vivo. <i>Nature Communications</i> , 2019 , 10, 2593	17.4	17
20	Live imaging of axonal transport in <i>Drosophila</i> pupal brain explants. <i>Nature Protocols</i> , 2015 , 10, 574-84	18.8	16
19	Fused-dependent Hedgehog signal transduction is required for somatic cell differentiation during <i>Drosophila</i> egg chamber formation. <i>Development (Cambridge)</i> , 2002 , 129, 4111-4124	6.6	15
18	Linking amyotrophic lateral sclerosis and spinal muscular atrophy through RNA-transcriptome homeostasis: a genomics perspective. <i>Journal of Neurochemistry</i> , 2017 , 141, 12-30	6	14
17	The TRIM-NHL protein Brat promotes axon maintenance by repressing src64B expression. <i>Journal of Neuroscience</i> , 2014 , 34, 13855-64	6.6	12

16	Hedgehog signaling controls Soma-Germen interactions during <i>Drosophila</i> ovarian morphogenesis. <i>Developmental Dynamics</i> , 2005 , 234, 422-31	2.9	12
15	fused regulates germline cyst mitosis and differentiation during <i>Drosophila</i> oogenesis. <i>Mechanisms of Development</i> , 2006 , 123, 197-209	1.7	11
14	Coopted temporal patterning governs cellular hierarchy, heterogeneity and metabolism in neuroblast tumors. <i>ELife</i> , 2019 , 8,	8.9	10
13	TrawlerWeb: an online de novo motif discovery tool for next-generation sequencing datasets. <i>BMC Genomics</i> , 2018 , 19, 238	4.5	7
12	The Secret Life of RNA: Lessons from Emerging Methodologies. <i>Methods in Molecular Biology</i> , 2018 , 1649, 1-28	1.4	7
11	Detecting and quantifying stress granules in tissues of multicellular organisms with the Obj.MPP analysis tool. <i>Traffic</i> , 2019 , 20, 697-711	5.7	6
10	<i>Drosophila</i> Hrp48 Is Required for Mushroom Body Axon Growth, Branching and Guidance. <i>PLoS ONE</i> , 2015 , 10, e0136610	3.7	6
9	A stochastic framework to model axon interactions within growing neuronal populations. <i>PLoS Computational Biology</i> , 2018 , 14, e1006627	5	6
8	Tyramine induces dynamic RNP granule remodeling and translation activation in the <i>Drosophila</i> brain. <i>ELife</i> , 2021 , 10,	8.9	3
7	Live-Imaging of Axonal Cargoes in <i>Drosophila</i> Brain Explants Using Confocal Microscopy.. <i>Methods in Molecular Biology</i> , 2022 , 2417, 19-28	1.4	1
6	Cooption of antagonistic RNA-binding proteins establishes cell hierarchy in <i>Drosophila</i> neuro-developmental tumors		1
5	RNP components condense into repressive RNP granules in the aging brain.. <i>Nature Communications</i> , 2022 , 13, 2782	17.4	1
4	Intracellular RNA Localization and Localized Translation 2013 , 1-41		
3	Detecting Stress Granules in <i>Drosophila</i> Neurons.. <i>Methods in Molecular Biology</i> , 2022 , 2428, 229-242	1.4	
2	High-Resolution Live Imaging of Axonal RNP Granules in <i>Drosophila</i> Pupal Brain Explants.. <i>Methods in Molecular Biology</i> , 2022 , 2431, 451-462	1.4	
1	An RNA-immunoprecipitation protocol to identify RNAs associated with RNA-binding proteins in cytoplasmic and nuclear <i>Drosophila</i> head fractions. <i>STAR Protocols</i> , 2022 , 3, 101415	1.4	