Florence Besse

List of Publications by Year
in descending order

31 papers	1,230 citations	516561 16 h-index	454834 30 g-index
37 all docs	37 docs citations	37 times ranked	1877 citing authors

#	Article	IF	Citations
1	Translational control of localized mRNAs: restricting protein synthesis in space and time. Nature Reviews Molecular Cell Biology, 2008, 9, 971-980.	16.1	324
2	Principles and roles of mRNA localization in animal development. Development (Cambridge), 2012, 139, 3263-3276.	1.2	183
3	Drosophila PTB promotes formation of high-order RNP particles and represses oskar translation. Genes and Development, 2009, 23, 195-207.	2.7	108
4	Sumoylation regulates FMRP-mediated dendritic spine elimination and maturation. Nature Communications, 2018, 9, 757.	5.8	63
5	Neuronal ribonucleoprotein granules: Dynamic sensors of localized signals. Traffic, 2019, 20, 639-649.	1.3	59
6	Imp Promotes Axonal Remodeling by Regulating profilin mRNA during Brain Development. Current Biology, 2014, 24, 793-800.	1.8	58
7	Apoptosis-mediated cell death within the ovarian polar cell lineage ofDrosophila melanogaster. Development (Cambridge), 2003, 130, 1017-1027.	1.2	55
8	The Ig cell adhesion molecule Basigin controls compartmentalization and vesicle release at Drosophila melanogaster synapses. Journal of Cell Biology, 2007, 177, 843-855.	2.3	43
9	Local Translation in Axons: When Membraneless RNP Granules Meet Membrane-Bound Organelles. Frontiers in Molecular Biosciences, 2019, 6, 129.	1.6	36
10	The prion-like domain of Drosophila Imp promotes axonal transport of RNP granules in vivo. Nature Communications, 2019, 10, 2593.	5.8	29
11	Coopted temporal patterning governs cellular hierarchy, heterogeneity and metabolism in Drosophila neuroblast tumors. ELife, 2019, 8, .	2.8	29
12	Neuronal RNP granules: from physiological to pathological assemblies. Biological Chemistry, 2018, 399, 623-635.	1.2	26
13	Linking amyotrophic lateral sclerosis and spinal muscular atrophy through <scp>RNA</scp>â€transcriptome homeostasis: a genomics perspective. Journal of Neurochemistry, 2017, 141, 12-30.	2.1	25
14	Characterization of the Drosophila myeloid leukemia factor. Genes To Cells, 2006, 11, 1317-1335.	0.5	22
15	polyhomeotic is required for somatic cell proliferation and differentiation during ovarian follicle formation in Drosophila. Development (Cambridge), 2004, 131, 1389-1400.	1.2	21
16	Live imaging of axonal transport in Drosophila pupal brain explants. Nature Protocols, 2015, 10, 574-584.	5.5	21
17	Hedgehog signaling controls Soma-Germen interactions duringDrosophila ovarian morphogenesis. Developmental Dynamics, 2005, 234, 422-431.	0.8	16
18	Fused-dependent Hedgehog signal transduction is required for somatic cell differentiation duringDrosophilaegg chamber formation. Development (Cambridge), 2002, 129, 4111-4124.	1.2	16

#	Article	IF	Citations
19	fused regulates germline cyst mitosis and differentiation during Drosophila oogenesis. Mechanisms of Development, 2006, 123, 197-209.	1.7	14
20	The TRIM-NHL Protein Brat Promotes Axon Maintenance by Repressingsrc64BExpression. Journal of Neuroscience, 2014, 34, 13855-13864.	1.7	13
21	TrawlerWeb: an online de novo motif discovery tool for next-generation sequencing datasets. BMC Genomics, 2018, 19, 238.	1.2	12
22	Detecting and quantifying stress granules in tissues of multicellular organisms with the Obj.MPP analysis tool. Traffic, 2019, 20, 697-711.	1.3	10
23	The Secret Life of RNA: Lessons from Emerging Methodologies. Methods in Molecular Biology, 2018, 1649, 1-28.	0.4	9
24	Tyramine induces dynamic RNP granule remodeling and translation activation in the Drosophila brain. ELife, 2021, 10, .	2.8	9
25	RNP components condense into repressive RNP granules in the aging brain. Nature Communications, 2022, 13, 2782.	5.8	9
26	A stochastic framework to model axon interactions within growing neuronal populations. PLoS Computational Biology, 2018, 14, e1006627.	1.5	8
27	Drosophila Hrp48 Is Required for Mushroom Body Axon Growth, Branching and Guidance. PLoS ONE, 2015, 10, e0136610.	1.1	7
28	Live-Imaging of Axonal Cargoes in Drosophila Brain Explants Using Confocal Microscopy. Methods in Molecular Biology, 2022, 2417, 19-28.	0.4	1
29	An RNA-immunoprecipitation protocol to identify RNAs associated with RNA-binding proteins in cytoplasmic and nuclear Drosophila head fractions. STAR Protocols, 2022, 3, 101415.	0.5	1
30	Detecting Stress Granules in Drosophila Neurons. Methods in Molecular Biology, 2022, 2428, 229-242.	0.4	0
31	High-Resolution Live Imaging of Axonal RNP Granules in Drosophila Pupal Brain Explants. Methods in Molecular Biology, 2022, 2431, 451-462.	0.4	0