Jean-Yves Roignant

List of Publications by Year
in descending order

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Version: 2024-02-01

33 papers	2,762 citations	279798 23 h-index	414414 32 g-index
36 all docs	36 docs citations	36 times ranked	3652 citing authors

#	Article	IF	Citations
1	m6A modulates neuronal functions and sex determination in Drosophila. Nature, 2016, 540, 242-247.	27.8	453
2	Zc3h13/Flacc is required for adenosine methylation by bridging the mRNA-binding factor Rbm15/Spenito to the m⁶A machinery component Wtap/Fl(2)d. Genes and Development, 2018, 32, 415-429.	5.9	416
3	m 6 A in mRNA: An Ancient Mechanism for Fine-Tuning Gene Expression. Trends in Genetics, 2017, 33, 380-390.	6.7	338
4	Absence of transitive and systemic pathways allows cell-specific and isoform-specific RNAi in Drosophila. Rna, 2003, 9, 299-308.	3.5	221
5	Pattern formation in the Drosophila eye disc. International Journal of Developmental Biology, 2009, 53, 795-804.	0.6	150
6	The developmental proteome of Drosophila melanogaster. Genome Research, 2017, 27, 1273-1285.	5.5	135
7	Exon Junction Complex Subunits Are Required to Splice Drosophila MAP Kinase, a Large Heterochromatic Gene. Cell, 2010, 143, 238-250.	28.9	102
8	Mechanistic insights into m6A RNA enzymes. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 222-229.	1.9	89
9	The Emerging Field of Epitranscriptomics in Neurodevelopmental and Neuronal Disorders. Frontiers in Bioengineering and Biotechnology, 2018, 6, 46.	4.1	83
10	Hakai is required for stabilization of core components of the m6A mRNA methylation machinery. Nature Communications, 2021, 12, 3778.	12.8	77
11	Anything but Ordinary â€“ Emerging Splicing Mechanisms in Eukaryotic Gene Regulation. Trends in Genetics, 2021, 37, 355-372.	6.7	64
12	The exon junction complex controls transposable element activity by ensuring faithful splicing of the piwi transcript. Genes and Development, 2014, 28, 1786-1799.	5.9	59
13	A fly view on the roles and mechanisms of the m⁶A mRNA modification and its players. RNA Biology, 2017, 14, 1232-1240.	3.1	56
14	Ythdf is a N6â€methyladenosine reader that modulates Fmr1 target mRNA selection and restricts axonal growth in Drosophila. EMBO Journal, 2021, 40, e104975.	7.8	56
15	The 18S ribosomal <scp>RNA</scp> m ⁶ A methyltransferase Mettl5 is required for normal walking behavior in Drosophila. EMBO Reports, 2020, 21, e49443.	4.5	52
16	Myopic acts in the endocytic pathway to enhance signaling by theDrosophilaEGF receptor. Development (Cambridge), 2008, 135, 1913-1922.	2.5	51
17	Tyramine action on motoneuron excitability and adaptable tyramine/octopamine ratios adjust Drosophila locomotion to nutritional state. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3805-3810.	7.1	49
18	m6A RNA methylation regulates promoter- proximal pausing of RNA polymerase II. Molecular Cell, 2021, 81, 3356-3367.e6.	9.7	47

#	Article	IF	Citations
19	Dual Requirement for the EcR/USP Nuclear Receptor and the dGATAb Factor in an Ecdysone Response in Drosophila melanogaster. Molecular and Cellular Biology, 1999, 19, 5732-5742.	2.3	39
20	tRNA 2â€²-O-methylation by a duo of TRM7/FTSJ1 proteins modulates small RNA silencing in Drosophila. Nucleic Acids Research, 2020, 48, 2050-2072.	14.5	30
21	The RNA-binding ubiquitin ligase MKRN1 functions in ribosome-associated quality control of poly(A) translation. Genome Biology, 2019, 20, 216.	8.8	29
22	Absolute Quantification of Noncoding RNA by Microscale Thermophoresis. Angewandte Chemie - International Edition, 2019, 58, 9565-9569.	13.8	29
23	Promoter-proximal pausing mediated by the exon junction complex regulates splicing. Nature Communications, 2019, 10, 521.	12.8	28
24	The novel SAM domain protein Aveugle is required for Raf activation in the Drosophila EGF receptor signaling pathway. Genes and Development, 2006, 20, 795-806.	5.9	25
25	The transcriptional co-factor Chip acts with LIM-homeodomain proteins to set the boundary of the eye field in Drosophila. Development (Cambridge), 2010, 137, 273-281.	2.5	24
26	Positioning Europe for the EPITRANSCRIPTOMICS challenge. RNA Biology, 2018, 15, 1-3.	3.1	18
27	Parallel evolution of a splicing program controlling neuronal excitability in flies and mammals. Science Advances, 2022, 8, eabk0445.	10.3	15
28	Makorin 1 controls embryonic patterning by alleviating Bruno1-mediated repression of oskar translation. PLoS Genetics, 2020, 16, e1008581.	3.5	11
29	Identification of Methylated Transcripts Using the TRIBE Approach. Methods in Molecular Biology, 2019, 1870, 89-106.	0.9	8
30	Functional interplay within the epitranscriptome: Reality or fiction?. BioEssays, 2022, 44, e2100174.	2.5	5
31	NineTeen Complex-subunit Salsa is required for efficient splicing of a subset of introns and dorsalâ€“ventral patterning. Rna, 2020, 26, 1935-1956.	3.5	2
32	An exon junction complexâ€independent function of Barentsz in neuromuscular synapse growth. EMBO Reports, 2022, 23, e53231.	4.5	1
33	Absolute Quantifizierung nichtâ€kodierender RNAâ€Spezies mittels Mikroskalaâ€Thermophorese. Angewandte Chemie, 2019, 131, 9666-9670.	2.0	0