

Hervé Le Hir

List of Publications by Year in descending order

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46
papers

4,935
citations

147801

31
h-index

243625

44
g-index

49
all docs

49
docs citations

49
times ranked

4462
citing authors

#	ARTICLE	IF	CITATIONS
1	How introns influence and enhance eukaryotic gene expression. Trends in Biochemical Sciences, 2003, 28, 215-220.	7.5	673
2	Structure of the Exon Junction Core Complex with a Trapped DEAD-Box ATPase Bound to RNA. Science, 2006, 313, 1968-1972.	12.6	365
3	Splicing enhances translation in mammalian cells: an additional function of the exon junction complex. Genes and Development, 2004, 18, 210-222.	5.9	361
4	The exon junction core complex is locked onto RNA by inhibition of eIF4AIII ATPase activity. Nature Structural and Molecular Biology, 2005, 12, 861-869.	8.2	282
5	NMD factors UPF2 and UPF3 bridge UPF1 to the exon junction complex and stimulate its RNA helicase activity. Nature Structural and Molecular Biology, 2008, 15, 85-93.	8.2	280
6	Molecular Mechanisms for the RNA-Dependent ATPase Activity of Upf1 and Its Regulation by Upf2. Molecular Cell, 2011, 41, 693-703.	9.7	243
7	The exon junction complex as a node of post-transcriptional networks. Nature Reviews Molecular Cell Biology, 2016, 17, 41-54.	37.0	217
8	The DExH/D box protein HEL/UAP56 is essential for mRNA nuclear export in Drosophila. Current Biology, 2001, 11, 1716-1721.	3.9	213
9	CLIP-seq of eIF4AIII reveals transcriptome-wide mapping of the human exon junction complex. Nature Structural and Molecular Biology, 2012, 19, 1124-1131.	8.2	197
10	The protein Mago provides a link between splicing and mRNA localization. EMBO Reports, 2001, 2, 1119-1124.	4.5	157
11	5' exon interactions within the human spliceosome establish a framework for exon junction complex structure and assembly. Genes and Development, 2002, 16, 2778-2791.	5.9	121
12	Human Upf1 is a highly processive RNA helicase and translocase with RNP remodelling activities. Nature Communications, 2015, 6, 7581.	12.8	120
13	Insights into the recruitment of the NMD machinery from the crystal structure of a core EJC-UPF3b complex.. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10050-10055.	7.1	113
14	Proteins Associated with the Exon Junction Complex Also Control the Alternative Splicing of Apoptotic Regulators. Molecular and Cellular Biology, 2012, 32, 954-967.	2.3	113
15	A UPF3-mediated regulatory switch that maintains RNA surveillance. Nature Structural and Molecular Biology, 2009, 16, 747-753.	8.2	106
16	EJCs at the Heart of Translational Control. Cell, 2008, 133, 213-216.	28.9	103
17	Structural insights into the exon junction complex. Current Opinion in Structural Biology, 2008, 18, 112-119.	5.7	98
18	Human CWC22 escorts the helicase eIF4AIII to spliceosomes and promotes exon junction complex assembly. Nature Structural and Molecular Biology, 2012, 19, 983-990.	8.2	97

#	ARTICLE	IF	CITATIONS
19	Association of the Breast Cancer Protein MLN51 with the Exon Junction Complex via Its Speckle Localizer and RNA Binding Module. <i>Journal of Biological Chemistry</i> , 2004, 279, 33702-33715.	3.4	96
20	Mechanism of ATP turnover inhibition in the EJC. <i>Rna</i> , 2009, 15, 67-75.	3.5	87
21	The structure of the ASAP core complex reveals the existence of a Pinin-containing PSAP complex. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 378-386.	8.2	87
22	Transcriptome-wide modulation of splicing by the exon junction complex. <i>Genome Biology</i> , 2014, 15, 551.	8.8	79
23	Insights into the design and interpretation of iCLIP experiments. <i>Genome Biology</i> , 2017, 18, 7.	8.8	73
24	The exon-junction-complex-component metastatic lymph node 51 functions in stress-granule assembly. <i>Journal of Cell Science</i> , 2007, 120, 2774-2784.	2.0	69
25	Tight intramolecular regulation of the human Upf1 helicase by its N- and C-terminal domains. <i>Nucleic Acids Research</i> , 2013, 41, 2404-2415.	14.5	61
26	The exon junction complex differentially marks spliced junctions. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1269-1271.	8.2	60
27	EJC core component MLN51 interacts with eIF3 and activates translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5903-5908.	7.1	60
28	Perispeckles are major assembly sites for the exon junction core complex. <i>Molecular Biology of the Cell</i> , 2012, 23, 1765-1782.	2.1	56
29	New Species of Human Tyrosine Hydroxylase mRNA Are Produced in Variable Amounts in Adrenal Medulla and Are Overexpressed in Progressive Supranuclear Palsy. <i>Journal of Neurochemistry</i> , 1996, 67, 19-25.	3.9	40
30	Crystal structure of the human eIF4AIII-CWC22 complex shows how a DEAD-box protein is inhibited by a MIF4G domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4611-8.	7.1	40
31	Exon junction complex dependent mRNA localization is linked to centrosome organization during ciliogenesis. <i>Nature Communications</i> , 2021, 12, 1351.	12.8	35
32	Relative Expression of the RET9 and RET51 Isoforms in Human Pheochromocytomas. <i>Oncology</i> , 2000, 58, 311-318.	1.9	32
33	Exon Junction Complexes can have distinct functional flavours to regulate specific splicing events. <i>Scientific Reports</i> , 2018, 8, 9509.	3.3	30
34	Transcriptome-wide identification of RNA binding sites by CLIP-seq. <i>Methods</i> , 2013, 63, 32-40.	3.8	28
35	NCBP3 positively impacts mRNA biogenesis. <i>Nucleic Acids Research</i> , 2020, 48, 10413-10427.	14.5	27
36	5'-End RET Splicing: Absence of Variants in Normal Tissues and Intron Retention in Pheochromocytomas. <i>Oncology</i> , 2002, 63, 84-91.	1.9	22

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37	A Novel Rat Tyrosine Hydroxylase mRNA Species Generated by Alternative Splicing. <i>Journal of Neurochemistry</i> , 1996, 66, 1819-1825.	3.9	20
38	Biochemical Characterization of the RNA Helicase UPF1 Involved in Nonsense-Mediated mRNA Decay. <i>Methods in Enzymology</i> , 2012, 511, 255-274.	1.0	20
39	Structural and functional insights into CWC27/CWC22 heterodimer linking the exon junction complex to spliceosomes. <i>Nucleic Acids Research</i> , 2020, 48, 5670-5683.	14.5	20
40	Monitored eCLIP: high accuracy mapping of RNA-protein interactions. <i>Nucleic Acids Research</i> , 2018, 46, 11553-11565.	14.5	11
41	Expression of GFR α 1 receptor splicing variants with different biochemical properties is modulated during kidney development. <i>Cellular Signalling</i> , 2004, 16, 1425-1434.	3.6	10
42	Novel approaches to study helicases using magnetic tweezers. <i>Methods in Enzymology</i> , 2022, , 359-403.	1.0	5
43	CLIP-Seq to Discover Transcriptome-Wide Imprinting of RNA Binding Proteins in Living Cells. <i>Methods in Molecular Biology</i> , 2015, 1296, 151-160.	0.9	4
44	Nonsense-mediated mRNA decay inhibition by HTLV-1 Tax protein. <i>Retrovirology</i> , 2014, 11, .	2.0	3
45	RNA Helicases on the Move. <i>Biophysical Journal</i> , 2014, 106, 71a-72a.	0.5	0
46	Upf1-Like Helicaes - Same Subfamily, Yet so Different Behavior. <i>Biophysical Journal</i> , 2017, 112, 512a-513a.	0.5	0