CÃ©line Verheggen

List of Publications by Year
in descending order

24 papers	2,460 citations	393982 19 h-index	610482 24 g-index
26 all docs	26 docs citations	26 times ranked	2504 citing authors

#	Article	IF	Citations
1	Cajal body-specific small nuclear RNAs: a novel class of 2'-O-methylation and pseudouridylation guide RNAs. EMBO Journal, 2002, 21, 2746-2756.	3.5	417
2	HSP90 and Its R2TP/Prefoldin-like Cochaperone Are Involved in the Cytoplasmic Assembly of RNA Polymerase II. Molecular Cell, 2010, 39, 912-924.	4.5	246
3	Hypermethylation of the Cap Structure of Both Yeast snRNAs and snoRNAs Requires a Conserved Methyltransferase that Is Localized to the Nucleolus. Molecular Cell, 2002, 9, 891-901.	4.5	222
4	The Hsp90 chaperone controls the biogenesis of L7Ae RNPs through conserved machinery. Journal of Cell Biology, 2008, 180, 579-595.	2.3	196
5	A common sequence motif determines the Cajal body-specific localization of box H/ACA scaRNAs. EMBO Journal, 2003, 22, 4283-4293.	3.5	181
6	Mammalian and yeast U3 snoRNPs are matured in specific and related nuclear compartments. EMBO Journal, 2002, 21, 2736-2745.	3.5	167
7	PHAX and CRM1 Are Required Sequentially to Transport U3 snoRNA to Nucleoli. Molecular Cell, 2004, 16, 777-787.	4.5	157
8	Assembly and trafficking of box C/D and H/ACA snoRNPs. RNA Biology, 2017, 14, 680-692.	1.5	144
9	CBCâ€“ARS2 stimulates 3â€²-end maturation of multiple RNA families and favors cap-proximal processing. Nature Structural and Molecular Biology, 2013, 20, 1358-1366.	3.6	143
10	Interaction between the smallâ€nuclearâ€RNA cap hypermethylase and the spinal muscular atrophy protein, survival of motor neuron. EMBO Reports, 2003, 4, 616-622.	2.0	96
11	A Proteomic Screen for Nucleolar SUMO Targets Shows SUMOylation Modulates the Function of Nop5/Nop58. Molecular Cell, 2010, 39, 618-631.	4.5	72
12	Assembly of the U5 snRNP component PRPF8 is controlled by the HSP90/R2TP chaperones. Journal of Cell Biology, 2017, 216, 1579-1596.	2.3	65
13	The RPAP3-Cterminal domain identifies R2TP-like quaternary chaperones. Nature Communications, 2018, 9, 2093.	5.8	59
14	Proteomic and 3D structure analyses highlight the C/D box snoRNP assembly mechanism and its control. Journal of Cell Biology, 2014, 207, 463-480.	2.3	57
15	NUFIP and the HSP90/R2TP chaperone bind the SMN complex and facilitate assembly of U4-specific proteins. Nucleic Acids Research, 2015, 43, 8973-8989.	6.5	49
16	Characterization of a Short Isoform of Human Tgs1 Hypermethylase Associating with Small Nucleolar Ribonucleoprotein Core Proteins and Produced by Limited Proteolytic Processing. Journal of Biological Chemistry, 2008, 283, 2060-2069.	1.6	39
17	CRM1 controls the composition of nucleoplasmic pre-snoRNA complexes to licence them for nucleolar transport. EMBO Journal, 2011, 30, 2205-2218.	3.5	36
18	Deep Structural Analysis of RPAP3 and PIH1D1, Two Components of the HSP90 Co-chaperone R2TP Complex. Structure, 2018, 26, 1196-1209.e8.	1.6	36

#	Article	IF	Citations
19	CRM1 plays a nuclear role in transporting snoRNPs to nucleoli in higher eukaryotes. Nucleus, 2012, 3, 132-137.	0.6	25
20	TSSC4 is a component of U5 snRNP that promotes tri-snRNP formation. Nature Communications, 2021, 12, 3646.	5.8	14
21	NOPCHAP1 is a PAQosome cofactor that helps loading NOP58 on RUVBL1/2 during box C/D snoRNP biogenesis. Nucleic Acids Research, 2021, 49, 1094-1113.	6.5	14
22	SnoRNPs, ZNHIT proteins and the R2TP pathway. Oncotarget, 2015, 6, 41399-41400.	0.8	13
23	The HSP90/R2TP assembly chaperone promotes cell proliferation in the intestinal epithelium. Nature Communications, 2021, 12, 4810.	5.8	7
24	The interaction between RPAP3 and TRBP reveals a possible involvement of the HSP90/R2TP chaperone complex in the regulation of miRNA activity. Nucleic Acids Research, 2022, 50, 2172-2189.	6.5	4