

# Benoit Chabot

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7657056/benoit-chabot-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

92  
papers

8,366  
citations

46  
h-index

91  
g-index

96  
ext. papers

9,228  
ext. citations

10.4  
avg, IF

5.65  
L-index

#	Paper	IF	Citations
92	The aberrant upregulation of exon 10-inclusive SREK1 through SRSF10 acts as an oncogenic driver in human hepatocellular carcinoma.. <i>Nature Communications</i> , <b>2022</b> , 13, 1363	17.4	0
91	2-Trifluoromethylthiazole-5-carboxamides: Analogues of a Stilbene-Based Anti-HIV Agent that Impact HIV mRNA Processing. <i>ACS Medicinal Chemistry Letters</i> , <b>2021</b> , 12, 1818-1823	4.3	0
90	Interplay Between CMGC Kinases Targeting SR Proteins and Viral Replication: Splicing and Beyond. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 658721	5.7	1
89	A novel class of inhibitors that target SRSF10 and promote p53-mediated cytotoxicity on human colorectal cancer cells. <i>NAR Cancer</i> , <b>2021</b> , 3, zcab019	5.2	2
88	SRSF10: an atypical splicing regulator with critical roles in stress response, organ development, and viral replication. <i>Rna</i> , <b>2021</b> , 27, 1302-1317	5.8	2
87	NF45 and NF90 Regulate Mitotic Gene Expression by Competing with Staufen-Mediated mRNA Decay. <i>Cell Reports</i> , <b>2020</b> , 31, 107660	10.6	6
86	Effect of Low Versus High Tidal-Volume Total Liquid Ventilation on Pulmonary Inflammation. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 603	4.6	4
85	Hepatitis B virus Core protein nuclear interactome identifies SRSF10 as a host RNA-binding protein restricting HBV RNA production. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008593	7.6	18
84	hnRNP A1/A2 and Sam68 collaborate with SRSF10 to control the alternative splicing response to oxaliplatin-mediated DNA damage. <i>Scientific Reports</i> , <b>2018</b> , 8, 2206	4.9	20
83	TDP-43 regulates the alternative splicing of hnRNP A1 to yield an aggregation-prone variant in amyotrophic lateral sclerosis. <i>Brain</i> , <b>2018</b> , 141, 1320-1333	11.2	61
82	Reply: TDP-43 mutations increase HNRNP A1-7B through gain of splicing function. <i>Brain</i> , <b>2018</b> , 141, e84	11.2	
81	R2TP/Prefoldin-like component RUVBL1/RUVBL2 directly interacts with ZNHIT2 to regulate assembly of U5 small nuclear ribonucleoprotein. <i>Nature Communications</i> , <b>2017</b> , 8, 15615	17.4	56
80	Splicing arrays reveal novel RBM10 targets, including SMN2 pre-mRNA. <i>BMC Molecular Biology</i> , <b>2017</b> , 18, 19	4.5	13
79	Modulation of the splicing regulatory function of SRSF10 by a novel compound that impairs HIV-1 replication. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 4051-4067	20.1	19
78	The emerging role of alternative splicing in senescence and aging. <i>Aging Cell</i> , <b>2017</b> , 16, 918-933	9.9	83
77	RNA binding protein RALY promotes Protein Arginine Methyltransferase 1 alternatively spliced isoform v2 relative expression and metastatic potential in breast cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2017</b> , 91, 124-135	5.6	15
76	SRSF10 Connects DNA Damage to the Alternative Splicing of Transcripts Encoding Apoptosis, Cell-Cycle Control, and DNA Repair Factors. <i>Cell Reports</i> , <b>2016</b> , 17, 1990-2003	10.6	42

75	Defective control of pre-messenger RNA splicing in human disease. <i>Journal of Cell Biology</i> , <b>2016</b> , 212, 13-27	7.3	143
74	A Parallel Synthesis Approach to the Identification of Novel Diheteroarylamide-Based Compounds Blocking HIV Replication: Potential Inhibitors of HIV-1 Pre-mRNA Alternative Splicing. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 1869-79	8.3	19
73	Staufen1 Regulates Multiple Alternative Splicing Events either Positively or Negatively in DM1 Indicating Its Role as a Disease Modifier. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1005827	6	30
72	My road to alternative splicing control: from simple paths to loops and interconnections. <i>Biochemistry and Cell Biology</i> , <b>2015</b> , 93, 171-9	3.6	2
71	Regulated Intron Retention and Nuclear Pre-mRNA Decay Contribute to PABPN1 Autoregulation. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 2503-17	4.8	51
70	Role of the splicing factor SRSF4 in cisplatin-induced modifications of pre-mRNA splicing and apoptosis. <i>BMC Cancer</i> , <b>2015</b> , 15, 227	4.8	29
69	Alternative splicing regulates the expression of G9A and SUV39H2 methyltransferases, and dramatically changes SUV39H2 functions. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 1869-82	20.1	17
68	The RNA Splicing Response to DNA Damage. <i>Biomolecules</i> , <b>2015</b> , 5, 2935-77	5.9	89
67	Finding the rules of splicing, and using them alternatively. <i>Rna</i> , <b>2015</b> , 21, 582-3	5.8	2
66	A Function for the hnRNP A1/A2 Proteins in Transcription Elongation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126654	3.7	25
65	Tumor microenvironment-associated modifications of alternative splicing. <i>Rna</i> , <b>2014</b> , 20, 189-201	5.8	40
64	RBFOX1 cooperates with MBNL1 to control splicing in muscle, including events altered in myotonic dystrophy type 1. <i>PLoS ONE</i> , <b>2014</b> , 9, e107324	3.7	27
63	Redirecting splicing with bifunctional oligonucleotides. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, e40	20.1	25
62	Human Tra2 proteins jointly control a CHEK1 splicing switch among alternative and constitutive target exons. <i>Nature Communications</i> , <b>2014</b> , 5, 4760	17.4	35
61	Next-generation biobanking of metastases to enable multidimensional molecular profiling in personalized medicine. <i>Modern Pathology</i> , <b>2013</b> , 26, 1413-24	9.8	31
60	MBNL1 and RBFOX2 cooperate to establish a splicing programme involved in pluripotent stem cell differentiation. <i>Nature Communications</i> , <b>2013</b> , 4, 2480	17.4	89
59	RBFOX2 is an important regulator of mesenchymal tissue-specific splicing in both normal and cancer tissues. <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 396-405	4.8	98
58	Cancer-Associated Perturbations in Alternative Pre-messenger RNA Splicing. <i>Cancer Treatment and Research</i> , <b>2013</b> , 158, 41-94	3.5	40

57	TCERG1 regulates alternative splicing of the Bcl-x gene by modulating the rate of RNA polymerase II transcription. <i>Molecular and Cellular Biology</i> , <b>2012</b> , 32, 751-62	4.8	42
56	High-Throughput Analysis of Alternative Splicing by RT-PCR <b>2012</b> , 238-246		1
55	Proteins associated with the exon junction complex also control the alternative splicing of apoptotic regulators. <i>Molecular and Cellular Biology</i> , <b>2012</b> , 32, 954-67	4.8	85
54	Differential effects of hnRNP D/AUF1 isoforms on HIV-1 gene expression. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 3663-75	20.1	39
53	Introns within ribosomal protein genes regulate the production and function of yeast ribosomes. <i>Cell</i> , <b>2011</b> , 147, 320-31	56.2	88
52	Alternative splicing of SYK regulates mitosis and cell survival. <i>Nature Structural and Molecular Biology</i> , <b>2011</b> , 18, 673-9	17.6	74
51	The DNA damage response pathway regulates the alternative splicing of the apoptotic mediator Bcl-x. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 331-40	5.4	38
50	PRPF mutations are associated with generalized defects in spliceosome formation and pre-mRNA splicing in patients with retinitis pigmentosa. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 2116-30	5.6	92
49	Structural basis of G-tract recognition and encaging by hnRNP F quasi-RRMs. <i>Nature Structural and Molecular Biology</i> , <b>2010</b> , 17, 853-61	17.6	112
48	hnRNP A1 and hnRNP H can collaborate to modulate 5Tsplice site selection. <i>Rna</i> , <b>2010</b> , 16, 228-38	5.8	46
47	Heterogeneous nuclear ribonucleoprotein K represses the production of pro-apoptotic Bcl-xS splice isoform. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 21458-67	5.4	60
46	Cancer-associated regulation of alternative splicing. <i>Nature Structural and Molecular Biology</i> , <b>2009</b> , 16, 670-6	17.6	282
45	Control of alternative splicing through siRNA-mediated transcriptional gene silencing. <i>Nature Structural and Molecular Biology</i> , <b>2009</b> , 16, 717-24	17.6	261
44	Identification of alternative splicing markers for breast cancer. <i>Cancer Research</i> , <b>2008</b> , 68, 9525-31	10.1	139
43	Multiple and specific mRNA processing targets for the major human hnRNP proteins. <i>Molecular and Cellular Biology</i> , <b>2008</b> , 28, 6033-43	4.8	123
42	Antagonistic effects of the SRp30c protein and cryptic 5Tsplice sites on the alternative splicing of the apoptotic regulator Bcl-x. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 21315-24	5.4	57
41	Anticancer drugs affect the alternative splicing of Bcl-x and other human apoptotic genes. <i>Molecular Cancer Therapeutics</i> , <b>2008</b> , 7, 1398-409	6.1	55
40	Multiple alternative splicing markers for ovarian cancer. <i>Cancer Research</i> , <b>2008</b> , 68, 657-63	10.1	126

39	Deletion of many yeast introns reveals a minority of genes that require splicing for function. <i>Molecular Biology of the Cell</i> , <b>2008</b> , 19, 1932-41	3.5	78
38	Comment on "When good transcripts go bad: artifactual RT-PCR splicing and genome analysis". <i>BioEssays</i> , <b>2008</b> , 30, 1256; author reply 1257-8	4.1	5
37	Small-molecule inhibition of HIV pre-mRNA splicing as a novel antiretroviral therapy to overcome drug resistance. <i>PLoS Pathogens</i> , <b>2007</b> , 3, 1530-9	7.6	61
36	hnRNP I/PTB can antagonize the splicing repressor activity of SRp30c. <i>Rna</i> , <b>2007</b> , 13, 1287-300	5.8	39
35	Protein kinase C-dependent control of Bcl-x alternative splicing. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 8431-41	4.8	58
34	Modern origin of numerous alternatively spliced human introns from tandem arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 882-6	11.5	38
33	Systematic analysis of the protein interaction network for the human transcription machinery reveals the identity of the 7SK capping enzyme. <i>Molecular Cell</i> , <b>2007</b> , 27, 262-274	17.6	348
32	hnRNP proteins and splicing control. <i>Advances in Experimental Medicine and Biology</i> , <b>2007</b> , 623, 123-47	3.6	262
31	Intronic binding sites for hnRNP A/B and hnRNP F/H proteins stimulate pre-mRNA splicing. <i>PLoS Biology</i> , <b>2006</b> , 4, e21	9.7	166
30	Modulation of 5Tsplice site selection using tailed oligonucleotides carrying splicing signals. <i>BMC Biotechnology</i> , <b>2006</b> , 6, 5	3.5	17
29	Structural and thermodynamical characterization of the complete p21 gene product of Max. <i>Biochemistry</i> , <b>2005</b> , 44, 12746-58	3.2	15
28	Heterogeneous nuclear ribonucleoprotein F/H proteins modulate the alternative splicing of the apoptotic mediator Bcl-x. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 22641-50	5.4	168
27	A late role for the association of hnRNP A2 with the HIV-1 hnRNP A2 response elements in genomic RNA, Gag, and Vpr localization. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 44141-53	5.4	46
26	A proteomic approach to the identification of heterogeneous nuclear ribonucleoproteins as a new family of poly(ADP-ribose)-binding proteins. <i>Biochemical Journal</i> , <b>2003</b> , 371, 331-40	3.8	94
25	Reprogramming alternative pre-messenger RNA splicing through the use of protein-binding antisense oligonucleotides. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 50031-9	5.4	53
24	Small interfering RNA-mediated reduction in heterogeneous nuclear ribonucleoprotein A1/A2 proteins induces apoptosis in human cancer cells but not in normal mortal cell lines. <i>Cancer Research</i> , <b>2003</b> , 63, 7679-88	10.1	117
23	High-affinity hnRNP A1 binding sites and duplex-forming inverted repeats have similar effects on 5T splice site selection in support of a common looping out and repression mechanism. <i>Rna</i> , <b>2002</b> , 8, 1078-89	5.8	68
22	Distinct sets of adjacent heterogeneous nuclear ribonucleoprotein (hnRNP) A1/A2 binding sites control 5Tsplice site selection in the hnRNP A1 mRNA precursor. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 29745-52	5.4	60

21	A human RNA polymerase II-containing complex associated with factors necessary for spliceosome assembly. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 9302-6	5.4	40
20	SRp30c is a repressor of 3Tsplice site utilization. <i>Molecular and Cellular Biology</i> , <b>2002</b> , 22, 4001-10	4.8	51
19	Dimethyl sulfoxide affects the selection of splice sites. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 17597-602	5.4	23
18	A novel mutation in the neurofibromatosis type 1 (NF1) gene promotes skipping of two exons by preventing exon definition. <i>Journal of Molecular Biology</i> , <b>2001</b> , 307, 1261-70	6.5	24
17	Control of hnRNP A1 alternative splicing: an intron element represses use of the common 3Tsplice site. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 7353-62	4.8	18
16	Heterogeneous nuclear ribonucleoprotein A1 and UP1 protect mammalian telomeric repeats and modulate telomere replication in vitro. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 14509-16	5.4	66
15	Modulation of exon skipping by high-affinity hnRNP A1-binding sites and by intron elements that repress splice site utilization. <i>EMBO Journal</i> , <b>1999</b> , 18, 1939-52	13	155
14	Telomere elongation by hnRNP A1 and a derivative that interacts with telomeric repeats and telomerase. <i>Nature Genetics</i> , <b>1998</b> , 19, 199-202	36.3	245
13	Directing alternative splicing: cast and scenarios. <i>Trends in Genetics</i> , <b>1996</b> , 12, 472-8	8.5	181
12	The U1 small nuclear ribonucleoprotein/5Tsplice site interaction affects U2AF65 binding to the downstream 3Tsplice site. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 4031-6	5.4	23
11	The nuclear matrix phosphoprotein p255 associates with splicing complexes as part of the [U4/U6.U5] tri-snRNP particle. <i>Nucleic Acids Research</i> , <b>1995</b> , 23, 3206-13	20.1	43
10	The A1 and A1B proteins of heterogeneous nuclear ribonucleoparticles modulate 5Tsplice site selection in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1994</b> , 91, 6924-8	11.5	181
9	A splicing enhancer in the human fibronectin alternate ED1 exon interacts with SR proteins and stimulates U2 snRNP binding. <i>Genes and Development</i> , <b>1993</b> , 7, 2405-17	12.6	269
8	Differential ASF/SF2 activity in extracts from normal WI38 and transformed WI38VA13 cells. <i>Nucleic Acids Research</i> , <b>1992</b> , 20, 5197-204	20.1	12
7	Proteolysis of splicing factors during rat and monkey cell fractionation. <i>Nucleic Acids Research</i> , <b>1991</b> , 19, 4509-14	20.1	6
6	Expression of c-kit gene products in known cellular targets of W mutations in normal and W mutant mice--evidence for an impaired c-kit kinase in mutant mice. <i>Genes and Development</i> , <b>1989</b> , 3, 816-26	12.6	383
5	The proto-oncogene c-kit encoding a transmembrane tyrosine kinase receptor maps to the mouse W locus. <i>Nature</i> , <b>1988</b> , 335, 88-9	50.4	1161
4	The 3Tsplice site of pre-messenger RNA is recognized by a small nuclear ribonucleoprotein. <i>Science</i> , <b>1985</b> , 230, 1344-9	33.3	331

3	U2 as well as U1 small nuclear ribonucleoproteins are involved in pre-messenger RNA splicing. <i>Cell</i> , <b>1985</b> , 42, 737-50	56.2	599
2	Hepatitis B virus Core protein nuclear interactome identifies SRSF10 as a host RNA-binding protein restricting HBV RNA production		1
1	The Mouse W/c-kit Locus. <i>Novartis Foundation Symposium</i> , 158-172		7