

James L Manley

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260
papers

27,639
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90
h-index

161
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271
ext. papers

30,548
ext. citations

17
avg, IF

7.4
L-index

#	Paper	IF	Citations
260	DNA-dependent transcription of adenovirus genes in a soluble whole-cell extract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1980 , 77, 3855-9	11.5	1199
259	Mechanisms of alternative splicing regulation: insights from molecular and genomics approaches. <i>Nature Reviews Molecular Cell Biology</i> , 2009 , 10, 741-54	48.7	844
258	HnRNP proteins controlled by c-Myc deregulate pyruvate kinase mRNA splicing in cancer. <i>Nature</i> , 2010 , 463, 364-8	50.4	753
257	Structural basis for signal transduction by the Toll/interleukin-1 receptor domains. <i>Nature</i> , 2000 , 408, 111-5	50.4	613
256	Alternative pre-mRNA splicing regulation in cancer: pathways and programs unhinged. <i>Genes and Development</i> , 2010 , 24, 2343-64	12.6	589
255	Protein-protein interactions and 5' splice-site recognition in mammalian mRNA precursors. <i>Nature</i> , 1994 , 368, 119-24	50.4	552
254	Inactivation of the SR protein splicing factor ASF/SF2 results in genomic instability. <i>Cell</i> , 2005 , 122, 365-78	56.2	525
253	Alternative polyadenylation of mRNA precursors. <i>Nature Reviews Molecular Cell Biology</i> , 2017 , 18, 18-30	48.7	494
252	Transcriptional repression of eukaryotic promoters. <i>Cell</i> , 1989 , 59, 405-8	56.2	482
251	Mechanisms and consequences of alternative polyadenylation. <i>Molecular Cell</i> , 2011 , 43, 853-66	17.6	481
250	A protein factor, ASF, controls cell-specific alternative splicing of SV40 early pre-mRNA in vitro. <i>Cell</i> , 1990 , 62, 25-34	56.2	461
249	The graded distribution of the dorsal morphogen is initiated by selective nuclear transport in <i>Drosophila</i> . <i>Cell</i> , 1989 , 59, 1165-77	56.2	429
248	Recognition of trimethylated histone H3 lysine 4 facilitates the recruitment of transcription postinitiation factors and pre-mRNA splicing. <i>Molecular Cell</i> , 2007 , 28, 665-76	17.6	426
247	A negative element in SMN2 exon 7 inhibits splicing in spinal muscular atrophy. <i>Nature Genetics</i> , 2003 , 34, 460-3	36.3	420
246	The RNA polymerase II CTD coordinates transcription and RNA processing. <i>Genes and Development</i> , 2012 , 26, 2119-37	12.6	413
245	Molecular architecture of the human pre-mRNA 3' processing complex. <i>Molecular Cell</i> , 2009 , 33, 365-76	17.6	384
244	Synergistic activation and repression of transcription by <i>Drosophila</i> homeobox proteins. <i>Cell</i> , 1989 , 56, 573-83	56.2	342

243	Primary structure of the human splicing factor ASF reveals similarities with Drosophila regulators. <i>Cell</i> , 1991 , 66, 373-82	56.2	340
242	The polyadenylation factor CstF-64 regulates alternative processing of IgM heavy chain pre-mRNA during B cell differentiation. <i>Cell</i> , 1996 , 87, 941-52	56.2	334
241	Polyadenylation factor CPSF-73 is the pre-mRNA 3' end-processing endonuclease. <i>Nature</i> , 2006 , 444, 953-6	50.4	316
240	RNA polymerase II is an essential mRNA polyadenylation factor. <i>Nature</i> , 1998 , 395, 93-6	50.4	304
239	RNA polymerase II and the integration of nuclear events. <i>Genes and Development</i> , 2000 , 14, 1415-1429	12.6	280
238	In vitro transcription: whole-cell extract. <i>Methods in Enzymology</i> , 1983 , 101, 568-82	1.7	269
237	R-loop-mediated genomic instability is caused by impairment of replication fork progression. <i>Genes and Development</i> , 2011 , 25, 2041-56	12.6	266
236	Symplekin and xGLD-2 are required for CPEB-mediated cytoplasmic polyadenylation. <i>Cell</i> , 2004 , 119, 641-51	56.2	266
235	ASF/SF2-regulated CaMKII δ alternative splicing temporally reprograms excitation-contraction coupling in cardiac muscle. <i>Cell</i> , 2005 , 120, 59-72	56.2	261
234	Transcription factor TFIID recruits factor CPSF for formation of 3' end of mRNA. <i>Nature</i> , 1997 , 389, 399-404	50.4	259
233	The ends of the affair: capping and polyadenylation. <i>Nature Structural Biology</i> , 2000 , 7, 838-42		245
232	Transcription termination by nuclear RNA polymerases. <i>Genes and Development</i> , 2009 , 23, 1247-69	12.6	239
231	Cell signalling and the control of pre-mRNA splicing. <i>Nature Reviews Molecular Cell Biology</i> , 2004 , 5, 727-738	38.7	235
230	Alternative cleavage and polyadenylation: the long and short of it. <i>Trends in Biochemical Sciences</i> , 2013 , 38, 312-20	10.3	230
229	A rational nomenclature for serine/arginine-rich protein splicing factors (SR proteins). <i>Genes and Development</i> , 2010 , 24, 1073-4	12.6	210
228	Misregulation of pre-mRNA alternative splicing in cancer. <i>Cancer Discovery</i> , 2013 , 3, 1228-37	24.4	207
227	Base substitution in an intervening sequence of a beta ⁺ -thalassemic human globin gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1981 , 78, 2455-9	11.5	205
226	Complex protein interactions within the human polyadenylation machinery identify a novel component. <i>Molecular and Cellular Biology</i> , 2000 , 20, 1515-25	4.8	204

225	Phosphorylation of CPEB by Eg2 mediates the recruitment of CPSF into an active cytoplasmic polyadenylation complex. <i>Molecular Cell</i> , 2000 , 6, 1253-9	17.6	202
224	Why is p53 acetylated?. <i>Cell</i> , 2001 , 107, 815-8	56.2	200
223	Splicing-related catalysis by protein-free snRNAs. <i>Nature</i> , 2001 , 413, 701-7	50.4	188
222	Separation and characterization of a poly(A) polymerase and a cleavage/specificity factor required for pre-mRNA polyadenylation. <i>Cell</i> , 1988 , 52, 731-42	56.2	188
221	The TET family of proteins: functions and roles in disease. <i>Journal of Molecular Cell Biology</i> , 2009 , 1, 82-90	3	185
220	Determinants of SR protein specificity. <i>Current Opinion in Cell Biology</i> , 1999 , 11, 358-62	9	185
219	The BARD1-CstF-50 interaction links mRNA 3' end formation to DNA damage and tumor suppression. <i>Cell</i> , 2001 , 104, 743-53	56.2	180
218	The protein kinase Clk/Sty directly modulates SR protein activity: both hyper- and hypophosphorylation inhibit splicing. <i>Molecular and Cellular Biology</i> , 1999 , 19, 6991-7000	4.8	178
217	Dephosphorylated SRp38 acts as a splicing repressor in response to heat shock. <i>Nature</i> , 2004 , 427, 553-8	50.4	177
216	Levels of polyadenylation factor CstF-64 control IgM heavy chain mRNA accumulation and other events associated with B cell differentiation. <i>Molecular Cell</i> , 1998 , 2, 761-71	17.6	176
215	Human Tra2 proteins are sequence-specific activators of pre-mRNA splicing. <i>Cell</i> , 1998 , 93, 139-48	56.2	174
214	The end of the message: multiple protein-RNA interactions define the mRNA polyadenylation site. <i>Genes and Development</i> , 2015 , 29, 889-97	12.6	170
213	Base pairing between U2 and U6 snRNAs is necessary for splicing of a mammalian pre-mRNA. <i>Nature</i> , 1991 , 352, 818-21	50.4	170
212	Polyadenylation of mRNA precursors. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1988 , 950, 1-12		170
211	Sequence-specific RNA binding by an SR protein requires RS domain phosphorylation: creation of an SRp40-specific splicing enhancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 1148-53	11.5	169
210	Autoubiquitination of the BRCA1*BARD1 RING ubiquitin ligase. <i>Journal of Biological Chemistry</i> , 2002 , 277, 22085-92	5.4	164
209	The SR protein SRp38 represses splicing in M phase cells. <i>Cell</i> , 2002 , 111, 407-17	56.2	161
208	Phosphorylation-dephosphorylation differentially affects activities of splicing factor ASF/SF2. <i>EMBO Journal</i> , 1998 , 17, 6359-67	13	160

207	Sequence specificity of the human mRNA N6-adenosine methylase in vitro. <i>Nucleic Acids Research</i> , 1990 , 18, 5735-41	20.1	157
206	The C9ORF72 GGGGCC expansion forms RNA G-quadruplex inclusions and sequesters hnRNP H to disrupt splicing in ALS brains. <i>ELife</i> , 2016 , 5,	8.9	157
205	Turning on a fuel switch of cancer: hnRNP proteins regulate alternative splicing of pyruvate kinase mRNA. <i>Cancer Research</i> , 2010 , 70, 8977-80	10.1	152
204	Structure and function of the 5'→3' exoribonuclease Rat1 and its activating partner Rai1. <i>Nature</i> , 2009 , 458, 784-8	50.4	148
203	Systematic profiling of poly(A) ⁺ transcripts modulated by core 3' end processing and splicing factors reveals regulatory rules of alternative cleavage and polyadenylation. <i>PLoS Genetics</i> , 2015 , 11, e1005166	6	146
202	Primary structure and expression of bovine poly(A) polymerase. <i>Nature</i> , 1991 , 353, 229-34	50.4	146
201	Cell-cycle related regulation of poly(A) polymerase by phosphorylation. <i>Nature</i> , 1996 , 384, 282-5	50.4	141
200	Evidence that polyadenylation factor CPSF-73 is the mRNA 3' processing endonuclease. <i>Rna</i> , 2004 , 10, 565-73	5.8	139
199	Functional interaction of BRCA1-associated BARD1 with polyadenylation factor CstF-50. <i>Science</i> , 1999 , 285, 1576-9	33.3	139
198	hnRNP A1 functions with specificity in repression of SMN2 exon 7 splicing. <i>Human Molecular Genetics</i> , 2007 , 16, 3149-59	5.6	137
197	Disease-associated mutation in SRSF2 misregulates splicing by altering RNA-binding affinities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E4726-34	11.5	136
196	The multifunctional protein p54 ^{nrb} /PSF recruits the exonuclease XRN2 to facilitate pre-mRNA 3' processing and transcription termination. <i>Genes and Development</i> , 2007 , 21, 1779-89	12.6	136
195	CPSF30 and Wdr33 directly bind to AAUAAA in mammalian mRNA 3' processing. <i>Genes and Development</i> , 2014 , 28, 2370-80	12.6	135
194	Chromatin binding of SRp20 and ASF/SF2 and dissociation from mitotic chromosomes is modulated by histone H3 serine 10 phosphorylation. <i>Molecular Cell</i> , 2009 , 33, 450-61	17.6	135
193	Pin1 modulates the structure and function of human RNA polymerase II. <i>Genes and Development</i> , 2003 , 17, 2765-76	12.6	125
192	A polyadenylation factor subunit is the human homologue of the Drosophila suppressor of forked protein. <i>Nature</i> , 1994 , 372, 471-4	50.4	123
191	Evolutionarily conserved interaction between CstF-64 and PC4 links transcription, polyadenylation, and termination. <i>Molecular Cell</i> , 2001 , 7, 1013-23	17.6	121
190	Crystal structure of the human symplekin-Ssu72-CTD phosphopeptide complex. <i>Nature</i> , 2010 , 467, 729-33	50.4	119

189	RNAP II CTD phosphorylated on threonine-4 is required for histone mRNA 3' end processing. <i>Science</i> , 2011 , 334, 683-6	33.3	119
188	Stability of a PKCI-1-related mRNA is controlled by the splicing factor ASF/SF2: a novel function for SR proteins. <i>Genes and Development</i> , 2002 , 16, 594-607	12.6	119
187	The RNA polymerase II C-terminal domain promotes splicing activation through recruitment of a U2AF65-Prp19 complex. <i>Genes and Development</i> , 2011 , 25, 972-83	12.6	118
186	Cotranscriptional processes and their influence on genome stability. <i>Genes and Development</i> , 2006 , 20, 1838-47	12.6	118
185	RNA-binding proteins in neurodegeneration: mechanisms in aggregate. <i>Genes and Development</i> , 2017 , 31, 1509-1528	12.6	117
184	Strange bedfellows: polyadenylation factors at the promoter. <i>Genes and Development</i> , 2003 , 17, 1321-7	12.6	113
183	BRCA1/BARD1 inhibition of mRNA 3' processing involves targeted degradation of RNA polymerase II. <i>Genes and Development</i> , 2005 , 19, 1227-37	12.6	113
182	Identification and functional characterization of neo-poly(A) polymerase, an RNA processing enzyme overexpressed in human tumors. <i>Molecular and Cellular Biology</i> , 2001 , 21, 5614-23	4.8	108
181	Loss of splicing factor ASF/SF2 induces G2 cell cycle arrest and apoptosis, but inhibits internucleosomal DNA fragmentation. <i>Genes and Development</i> , 2005 , 19, 2705-14	12.6	106
180	The tumor suppressor Cdc73 functionally associates with CPSF and CstF 3' mRNA processing factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 755-60	11.5	103
179	An intronic element contributes to splicing repression in spinal muscular atrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 3426-31	11.5	103
178	Splicing pathways of SV40 mRNAs in <i>X. laevis</i> oocytes differ in their requirements for snRNPs. <i>Cell</i> , 1984 , 37, 927-36	56.2	102
177	The splicing regulator Sam68 binds to a novel exonic splicing silencer and functions in SMN2 alternative splicing in spinal muscular atrophy. <i>EMBO Journal</i> , 2010 , 29, 1235-47	13	101
176	Regulation of pre-mRNA splicing in metazoa. <i>Current Opinion in Genetics and Development</i> , 1997 , 7, 205-11	11.9	100
175	ASAP, a novel protein complex involved in RNA processing and apoptosis. <i>Molecular and Cellular Biology</i> , 2003 , 23, 2981-90	4.8	99
174	Splicing of SV40 early pre-mRNA to large T and small t mRNAs utilizes different patterns of lariat branch sites. <i>Cell</i> , 1987 , 50, 227-36	56.2	96
173	U1 snRNP-ASF/SF2 interaction and 5' splice site recognition: characterization of required elements. <i>Nucleic Acids Research</i> , 1995 , 23, 3260-7	20.1	93
172	Regulation of plant developmental processes by a novel splicing factor. <i>PLoS ONE</i> , 2007 , 2, e471	3.7	92

171	TLS/FUS (translocated in liposarcoma/fused in sarcoma) regulates target gene transcription via single-stranded DNA response elements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 6030-5	11.5	91
170	R Loops and Links to Human Disease. <i>Journal of Molecular Biology</i> , 2017 , 429, 3168-3180	6.5	89
169	Terminating the transcript: breaking up is hard to do. <i>Genes and Development</i> , 2006 , 20, 1050-6	12.6	87
168	Identification of an snRNP-associated kinase activity that phosphorylates arginine/serine rich domains typical of splicing factors. <i>Nucleic Acids Research</i> , 1993 , 21, 2815-22	20.1	87
167	Accurate and specific polyadenylation of mRNA precursors in a soluble whole-cell lysate. <i>Cell</i> , 1983 , 33, 595-605	56.2	87
166	Synthesis and degradation of termination and premature-termination fragments of beta-galactosidase in vitro and in vivo. <i>Journal of Molecular Biology</i> , 1978 , 125, 407-32	6.5	87
165	Mutant p53 cooperates with the SWI/SNF chromatin remodeling complex to regulate VEGFR2 in breast cancer cells. <i>Genes and Development</i> , 2015 , 29, 1298-315	12.6	86
164	Interaction between a transcriptional activator and transcription factor IIB in vivo. <i>Nature</i> , 1993 , 362, 549-53	50.4	86
163	Transcriptional activators enhance polyadenylation of mRNA precursors. <i>Molecular Cell</i> , 2011 , 41, 409-18	7.6	85
162	A complex signaling pathway regulates SRp38 phosphorylation and pre-mRNA splicing in response to heat shock. <i>Molecular Cell</i> , 2007 , 28, 79-90	17.6	84
161	PP1/PP2A phosphatases are required for the second step of Pre-mRNA splicing and target specific snRNP proteins. <i>Molecular Cell</i> , 2006 , 23, 819-29	17.6	84
160	Molecular basis for the recognition of the human AAUAAA polyadenylation signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E1419-E1428	11.5	84
159	A complex protein assembly catalyzes polyadenylation of mRNA precursors. <i>Current Opinion in Genetics and Development</i> , 1995 , 5, 222-8	4.9	83
158	A CCAAT box sequence in the adenovirus major late promoter functions as part of an RNA polymerase II termination signal. <i>Cell</i> , 1989 , 57, 561-71	56.2	83
157	Structural and biochemical studies of the 5'→3' exoribonuclease Xrn1. <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 270-6	17.6	79
156	Inhibition of poly(A) polymerase requires p34cdc2/cyclin B phosphorylation of multiple consensus and non-consensus sites. <i>EMBO Journal</i> , 1998 , 17, 1053-62	13	79
155	Crystal structure of murine CstF-77: dimeric association and implications for polyadenylation of mRNA precursors. <i>Molecular Cell</i> , 2007 , 25, 863-75	17.6	75
154	Concentration-dependent control of pyruvate kinase M mutually exclusive splicing by hnRNP proteins. <i>Nature Structural and Molecular Biology</i> , 2012 , 19, 346-54	17.6	74

153	SUMOylation Is an Inhibitory Constraint that Regulates the Prion-like Aggregation and Activity of CPEB3. <i>Cell Reports</i> , 2015 , 11, 1694-702	10.6	72
152	Transcriptome analysis of alternative splicing events regulated by SRSF10 reveals position-dependent splicing modulation. <i>Nucleic Acids Research</i> , 2014 , 42, 4019-30	20.1	72
151	A SUMO-dependent interaction between Senataxin and the exosome, disrupted in the neurodegenerative disease AOA2, targets the exosome to sites of transcription-induced DNA damage. <i>Genes and Development</i> , 2013 , 27, 2227-32	12.6	70
150	Pin1 modulates RNA polymerase II activity during the transcription cycle. <i>Genes and Development</i> , 2007 , 21, 2950-62	12.6	70
149	The transcriptional coactivator PC4/Sub1 has multiple functions in RNA polymerase II transcription. <i>EMBO Journal</i> , 2005 , 24, 1009-20	13	68
148	SUMO functions in constitutive transcription and during activation of inducible genes in yeast. <i>Genes and Development</i> , 2010 , 24, 1242-52	12.6	67
147	SRp38 regulates alternative splicing and is required for Ca(2+) handling in the embryonic heart. <i>Developmental Cell</i> , 2009 , 16, 528-38	10.2	67
146	Phosphorylation switches the general splicing repressor SRp38 to a sequence-specific activator. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 1040-8	17.6	67
145	A human homologue of the Escherichia coli DnaJ heat-shock protein. <i>Nucleic Acids Research</i> , 1991 , 19, 6645	20.1	67
144	Generation and functional analyses for base-substitution mutants of the adenovirus 2 major late promoter. <i>Nucleic Acids Research</i> , 1984 , 12, 9309-21	20.1	66
143	Repression of simian virus 40 early transcription by viral DNA replication in human 293 cells. <i>Nature</i> , 1985 , 317, 172-5	50.4	66
142	An Mtr4/ZFC3H1 complex facilitates turnover of unstable nuclear RNAs to prevent their cytoplasmic transport and global translational repression. <i>Genes and Development</i> , 2017 , 31, 1257-1271	12.6	63
141	TLS inhibits RNA polymerase III transcription. <i>Molecular and Cellular Biology</i> , 2010 , 30, 186-96	4.8	63
140	Cooperation between core promoter elements influences transcriptional activity in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 1955-9	11.5	62
139	XRN2 Links Transcription Termination to DNA Damage and Replication Stress. <i>PLoS Genetics</i> , 2016 , 12, e1006107	6	62
138	Characterization of the catalytic activity of U2 and U6 snRNAs. <i>Rna</i> , 2003 , 9, 892-904	5.8	61
137	Rna synthesis in isolated nuclei processing of adenovirus serotype 2 late messenger rna precursors. <i>Journal of Molecular Biology</i> , 1982 , 159, 581-99	6.5	60
136	Structure and function of the S1 nuclease-sensitive site in the adenovirus late promoter. <i>Cell</i> , 1986 , 45, 743-51	56.2	59

135	RNA synthesis in isolated nuclei: identification and comparison of adenovirus 2 encoded transcripts synthesized in vitro and vivo. <i>Journal of Molecular Biology</i> , 1979 , 135, 171-97	6.5	59
134	A nuclear micrococcal-sensitive, ATP-dependent exoribonuclease degrades uncapped but not capped RNA substrates. <i>Nucleic Acids Research</i> , 1991 , 19, 2685-92	20.1	58
133	Delineating the structural blueprint of the pre-mRNA 3' end processing machinery. <i>Molecular and Cellular Biology</i> , 2014 , 34, 1894-910	4.8	57
132	Transcriptional repression by p53 involves molecular interactions distinct from those with the TATA box binding protein. <i>Nucleic Acids Research</i> , 1996 , 24, 4281-8	20.1	57
131	PARP1 represses PAP and inhibits polyadenylation during heat shock. <i>Molecular Cell</i> , 2013 , 49, 7-17	17.6	55
130	RBBP6 isoforms regulate the human polyadenylation machinery and modulate expression of mRNAs with AU-rich 3' UTRs. <i>Genes and Development</i> , 2014 , 28, 2248-60	12.6	54
129	Physical and functional interactions between Drosophila TRAF2 and Pelle kinase contribute to Dorsal activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 8596-601	11.5	53
128	Even-skipped represses transcription by binding TATA binding protein and blocking the TFIID-TATA box interaction. <i>Molecular and Cellular Biology</i> , 1998 , 18, 3771-81	4.8	53
127	Ectopic expression of the Drosophila tramtrack gene results in multiple embryonic defects, including repression of even-skipped and fushi tarazu. <i>Mechanisms of Development</i> , 1992 , 38, 183-95	1.7	53
126	Nucleotide binding by the Mdm2 RING domain facilitates Arf-independent Mdm2 nucleolar localization. <i>Molecular Cell</i> , 2003 , 12, 875-87	17.6	52
125	Requirements of the RNA polymerase II C-terminal domain for reconstituting pre-mRNA 3' cleavage. <i>Molecular and Cellular Biology</i> , 2002 , 22, 1684-92	4.8	52
124	Synthesis in vitro of an exceptionally long RNA transcript promoted by an AluI sequence. <i>Nature</i> , 1982 , 300, 376-9	50.4	52
123	In vitro splicing of simian virus 40 early pre mRNA. <i>Nucleic Acids Research</i> , 1986 , 14, 1219-35	20.1	51
122	Regulation and substrate specificity of the SR protein kinase Clk/Sty. <i>Molecular and Cellular Biology</i> , 2003 , 23, 4139-49	4.8	49
121	The human papillomavirus type 16 negative regulatory RNA element interacts with three proteins that act at different posttranscriptional levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 4677-82	11.5	49
120	Analysis of the expression of genes encoding animal mRNA by in vitro techniques. <i>Progress in Molecular Biology and Translational Science</i> , 1983 , 30, 195-244		48
119	The RNA binding protein RNPS1 alleviates ASF/SF2 depletion-induced genomic instability. <i>Rna</i> , 2007 , 13, 2108-15	5.8	46
118	A role for Chk1 in blocking transcriptional elongation of p21 RNA during the S-phase checkpoint. <i>Genes and Development</i> , 2009 , 23, 1364-77	12.6	45

117	The prolyl isomerase Pin1 functions in mitotic chromosome condensation. <i>Molecular Cell</i> , 2007 , 26, 287-306	4.8	45
116	Deregulation of poly(A) polymerase interferes with cell growth. <i>Molecular and Cellular Biology</i> , 1998 , 18, 5010-20	4.8	45
115	Sumoylation regulates multiple aspects of mammalian poly(A) polymerase function. <i>Genes and Development</i> , 2008 , 22, 499-511	12.6	44
114	Sumoylation of transcription factor Gcn4 facilitates its Srb10-mediated clearance from promoters in yeast. <i>Genes and Development</i> , 2012 , 26, 350-5	12.6	43
113	The end of the message--another link between yeast and mammals. <i>Science</i> , 1996 , 274, 1481-2	33.3	43
112	Disease-Causing Mutations in SF3B1 Alter Splicing by Disrupting Interaction with SUGP1. <i>Molecular Cell</i> , 2019 , 76, 82-95.e7	17.6	42
111	SRSF10 Connects DNA Damage to the Alternative Splicing of Transcripts Encoding Apoptosis, Cell-Cycle Control, and DNA Repair Factors. <i>Cell Reports</i> , 2016 , 17, 1990-2003	10.6	42
110	The search for alternative splicing regulators: new approaches offer a path to a splicing code. <i>Genes and Development</i> , 2008 , 22, 279-85	12.6	41
109	The 3Qprocessing factor CstF functions in the DNA repair response. <i>Nucleic Acids Research</i> , 2008 , 36, 1792-804	20.1	39
108	Sumoylation modulates the assembly and activity of the pre-mRNA 3Qprocessing complex. <i>Molecular and Cellular Biology</i> , 2007 , 27, 8848-58	4.8	39
107	Structural basis for dimerization and activity of human PAPD1, a noncanonical poly(A) polymerase. <i>Molecular Cell</i> , 2011 , 41, 311-20	17.6	38
106	The C-terminal domain of RNA polymerase II functions as a phosphorylation-dependent splicing activator in a heterologous protein. <i>Molecular and Cellular Biology</i> , 2005 , 25, 533-44	4.8	38
105	Robust mRNA transcription in chicken DT40 cells depleted of TAF(II)31 suggests both functional degeneracy and evolutionary divergence. <i>Molecular and Cellular Biology</i> , 2000 , 20, 5064-76	4.8	38
104	Function and control of RNA polymerase II C-terminal domain phosphorylation in vertebrate transcription and RNA processing. <i>Molecular and Cellular Biology</i> , 2014 , 34, 2488-98	4.8	37
103	An unexpected binding mode for a Pol II CTD peptide phosphorylated at Ser7 in the active site of the CTD phosphatase Ssu72. <i>Genes and Development</i> , 2012 , 26, 2265-70	12.6	36
102	DNA-protein complexes spread on N2-discharged carbon film and characterized by molecular weight and its projected distribution. <i>Journal of Molecular Biology</i> , 1982 , 160, 375-86	6.5	36
101	TCF3 alternative splicing controlled by hnRNP H/F regulates E-cadherin expression and hESC pluripotency. <i>Genes and Development</i> , 2018 , 32, 1161-1174	12.6	35
100	The yeast regulator of transcription protein Rtr1 lacks an active site and phosphatase activity. <i>Nature Communications</i> , 2012 , 3, 946	17.4	35

99	Mdm2 and MdmX as Regulators of Gene Expression. <i>Genes and Cancer</i> , 2012 , 3, 264-73	2.9	35
98	Hsp27 enhances recovery of splicing as well as rephosphorylation of SRp38 after heat shock. <i>Molecular Biology of the Cell</i> , 2006 , 17, 886-94	3.5	35
97	Protein-free spliceosomal snRNAs catalyze a reaction that resembles the first step of splicing. <i>Rna</i> , 2007 , 13, 2300-11	5.8	35
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