

Maria M Konarska

List of Publications by Year in descending order

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35
papers

3,555
citations

304743

22
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

1884
citing authors

#	ARTICLE	IF	CITATIONS
1	Recognition of cap structure in splicing in vitro of mRNA precursors. <i>Cell</i> , 1984, 38, 731-736.	28.9	592
2	Interactions between small nuclear ribonucleoprotein particles in formation of spliceosomes. <i>Cell</i> , 1987, 49, 763-774.	28.9	540
3	Electrophoretic separation of complexes involved in the splicing of precursors to mRNAs. <i>Cell</i> , 1986, 46, 845-855.	28.9	526
4	Characterization of the branch site in lariat RNAs produced by splicing of mRNA precursors. <i>Nature</i> , 1985, 313, 552-557.	27.8	234
5	p54nrb associates with the 5' splice site within large transcription/splicing complexes. <i>EMBO Journal</i> , 2004, 23, 1782-1791.	7.8	159
6	Stimulation of RNA Polymerase II Elongation by Hepatitis Delta Antigen. <i>Science</i> , 2001, 293, 124-127.	12.6	149
7	Spliceosome Dynamics and the Regulation of Splicing. <i>Molecular Cell</i> , 2008, 30, 657-666.	9.7	132
8	Suppression of Multiple Substrate Mutations by Spliceosomal prp8 Alleles Suggests Functional Correlations with Ribosomal Ambiguity Mutants. <i>Molecular Cell</i> , 2004, 14, 343-354.	9.7	131
9	Repositioning of the Reaction Intermediate within the Catalytic Center of the Spliceosome. <i>Molecular Cell</i> , 2006, 21, 543-553.	9.7	106
10	Disruption of base pairing between the 5' splice site and the 5' end of U1 snRNA is required for spliceosome assembly. <i>Cell</i> , 1993, 75, 863-873.	28.9	92
11	Prp5 bridges U1 and U2 snRNPs and enables stable U2 snRNP association with intron RNA. <i>EMBO Journal</i> , 2004, 23, 376-385.	7.8	90
12	Replication of RNA by the DNA-dependent RNA polymerase of phage T7. <i>Cell</i> , 1989, 57, 423-431.	28.9	89
13	The C-terminal region of hPrp8 interacts with the conserved GU dinucleotide at the 5' splice site. <i>Rna</i> , 1999, 5, 167-179.	3.5	87
14	Opposing classes of prp8 alleles modulate the transition between the catalytic steps of pre-mRNA splicing. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 519-526.	8.2	84
15	Specific HDV RNA-templated transcription by pol II in vitro. <i>Rna</i> , 2000, 6, 41-54.	3.5	83
16	[30] analysis of splicing complexes and small nuclear ribonucleoprotein particles by native gel electrophoresis. <i>Methods in Enzymology</i> , 1989, 180, 442-453.	1.0	64
17	Insights into the mechanisms of splicing: more lessons from the ribosome. <i>Genes and Development</i> , 2005, 19, 2255-2260.	5.9	62
18	Structure of RNAs replicated by the DNA-dependent T7 RNA polymerase. <i>Cell</i> , 1990, 63, 609-618.	28.9	53

#	ARTICLE	IF	CITATIONS
19	Insights into Branch Nucleophile Positioning and Activation from an Orthogonal Pre-mRNA Splicing System in Yeast. <i>Molecular Cell</i> , 2009, 34, 333-343.	9.7	40
20	The 100-kDa U5 snRNP protein (hPrp28p) contacts the 5' splice site through its ATPase site. <i>Rna</i> , 2001, 7, 182-193.	3.5	32
21	Splicing fidelity revisited. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 472-474.	8.2	30
22	Spliceosomal snRNAs in the unicellular eukaryote <i>Trichomonas vaginalis</i> are structurally conserved but lack a 5' cap structure. <i>Rna</i> , 2008, 14, 1617-1631.	3.5	28
23	Site-Specific Derivatization of RNA with Photocrosslinkable Groups. <i>Methods</i> , 1999, 18, 22-28.	3.8	19
24	A Sequence Motif in the Simian Virus 40 (SV40) Early Core Promoter Affects Alternative Splicing of Transcribed mRNA*. <i>Journal of Biological Chemistry</i> , 2007, 282, 11648-11657.	3.4	19
25	trans-Splicing to Spliceosomal U2 snRNA Suggests Disruption of Branch Site-U2 Pairing during Pre-mRNA Splicing. <i>Molecular Cell</i> , 2007, 26, 883-890.	9.7	18
26	Rearrangements within the U6 snRNA Core during the Transition between the Two Catalytic Steps of Splicing. <i>Molecular Cell</i> , 2019, 75, 538-548.e3.	9.7	17
27	Probing of the spliceosome with site-specifically derivatized 5' splice site RNA oligonucleotides. <i>Rna</i> , 1998, 4, 1069-1082.	3.5	15
28	A critical assessment of the utility of protein-free splicing systems. <i>Rna</i> , 2009, 15, 1-3.	3.5	15
29	<i>CEF1</i> / <i>CDC5</i> alleles modulate transitions between catalytic conformations of the spliceosome. <i>Rna</i> , 2012, 18, 1001-1013.	3.5	14
30	Mechanistic insights from reversible splicing catalysis. <i>Rna</i> , 2008, 14, 1975-1978.	3.5	11
31	Spliceosome's core exposed. <i>Nature</i> , 2013, 493, 615-616.	27.8	8
32	Response to Solnick. <i>Cell</i> , 1986, 44, 211.	28.9	6
33	Identification and characterization of a short 2' bond-forming ribozyme. <i>Rna</i> , 2009, 15, 8-13.	3.5	6
34	A purified catalytically competent spliceosome. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 222-224.	8.2	4
35	Probing of Ribonucleoprotein Complexes with Site-Specifically Derivatized RNAs. , 1999, , 229-240.		0