Daniel R Schoenberg

List of Publications by Year
in descending order

88	4,440	117571 34	106281 65
papers	citations	h-index	g-index

92	92	92	5618
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cytoplasmic mRNA Recapping: An Unexpected Form of RNA Repair. , 2021, , 109-130.		1
2	Inhibition of cytoplasmic cap methylation identifies 5â€² TOP mRNAs as recapping targets and reveals recapping sites downstream of native 5â€² ends. Nucleic Acids Research, 2020, 48, 3806-3815.	6.5	11
3	Cytoplasmic mRNA recapping has limited impact on proteome complexity. Open Biology, 2020, 10, 200313.	1.5	5
4	Analyzing (Re)Capping of mRNA Using Transcript Specific 5' End Sequencing. Bio-protocol, 2020, 10, e3791.	0.2	4
5	A recap of RNA recapping. Wiley Interdisciplinary Reviews RNA, 2019, 10, e1504.	3.2	52
6	Loss of fragile histidine triad (Fhit) protein expression alters the translation of cancer-associated mRNAs. BMC Research Notes, 2018, 11, 178.	0.6	4
7	RNA Cap Methyltransferase Activity Assay. Bio-protocol, 2018, 8, .	0.2	3
8	RNA-binding proteins and heat-shock protein 90 are constituents of the cytoplasmic capping enzyme interactome. Journal of Biological Chemistry, 2018, 293, 16596-16607.	1.6	7
9	Identification of Fhit as a post-transcriptional effector of Thymidine Kinase 1 expression. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 374-382.	0.9	10
10	RNA guanine-7 methyltransferase catalyzes the methylation of cytoplasmically recapped RNAs. Nucleic Acids Research, 2017, 45, 10726-10739.	6.5	49
11	Impact of FHIT loss on the translation of cancer-associated mRNAs. Molecular Cancer, 2017, 16, 179.	7.9	20
12	The human PMR1 endonuclease stimulates cell motility by down regulating miR-200 family microRNAs. Nucleic Acids Research, 2016, 44, 5811-5819.	6.5	12
13	Cap homeostasis is independent of poly(A) tail length. Nucleic Acids Research, 2016, 44, 304-314.	6.5	24
14	Uncapped 5â€² ends of mRNAs targeted by cytoplasmic capping map to the vicinity of downstream CAGE tags. FEBS Letters, 2015, 589, 279-284.	1.3	22
15	The Cytoplasmic Capping Complex Assembles on Adapter Protein Nck1 Bound to the Proline-Rich C-Terminus of Mammalian Capping Enzyme. PLoS Biology, 2014, 12, e1001933.	2.6	35
16	Translation from a DMD exon 5 IRES results in a functional dystrophin isoform that attenuates dystrophinopathy in humans and mice. Nature Medicine, 2014, 20, 992-1000.	15.2	113
17	Quantitative Analysis of Deadenylation-Independent mRNA Decay by a Modified MBRACE Assay. Methods in Molecular Biology, 2014, 1125, 353-371.	0.4	0
18	SMG6 Cleavage Generates Metastable Decay Intermediates from Nonsense-Containing Î²-Globin mRNA. PLoS ONE, 2013, 8, e74791.	1.1	16

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19	Identification of the human PMR1 mRNA endonuclease as an alternatively processed product of the gene for peroxidasin-like protein. Rna, 2012, 18, 1186-1196.	1.6	7
20	Identification of Cytoplasmic Capping Targets Reveals a Role for Cap Homeostasis in Translation and mRNA Stability. Cell Reports, 2012, 2, 674-684.	2.9	71
21	Regulation of cytoplasmic mRNA decay. Nature Reviews Genetics, 2012, 13, 246-259.	7.7	542
22	Mechanisms of endonucleaseâ€mediated mRNA decay. Wiley Interdisciplinary Reviews RNA, 2011, 2, 582-600.	3.2	62
23	<i>Mycobacterium tuberculosis</i>lipomannan blocks TNF biosynthesis by regulating macrophage MAPK-activated protein kinase 2 (MK2) and microRNA miR-125b. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17408-17413.	3.3	255
24	RNA processing defects associated with diseases of the motor neuron. Muscle and Nerve, 2010, 41, 5-17.	1.0	35
25	Identification of a Cytoplasmic Complex That Adds a Cap onto 5â€²-Monophosphate RNA. Molecular and Cellular Biology, 2009, 29, 2155-2167.	1.1	103
26	The cytoskeleton-associated Ena/VASP proteins are unanticipated partners of the PMR1 mRNA endonuclease. Rna, 2009, 15, 576-587.	1.6	8
27	Re-capping the message. Trends in Biochemical Sciences, 2009, 34, 435-442.	3.7	87
28	KSRP-PMR1-exosome association determines parathyroid hormone mRNA levels and stability in transfected cells. BMC Cell Biology, 2009, 10, 70.	3.0	25
29	Common SNP in <i>pre-miR-146a</i> decreases mature miR expression and predisposes to papillary thyroid carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7269-7274.	3.3	792
30	The 90-kDa Heat Shock Protein Stabilizes the Polysomal Ribonuclease 1 mRNA Endonuclease to Degradation by the 26S Proteasome. Molecular Biology of the Cell, 2008, 19, 546-552.	0.9	11
31	Chapter 13 Approaches for Studying PMR1 Endonucleaseâ€"mediated mRNA Decay. Methods in Enzymology, 2008, 448, 241-263.	0.4	7
32	Chapter 24 Assays for Determining Poly(A) Tail Length and the Polarity of mRNA Decay in Mammalian Cells. Methods in Enzymology, 2008, 448, 483-504.	0.4	45
33	In Vivo and In Vitro Analysis of Poly(A) Length Effects on mRNA Translation. Methods in Molecular Biology, 2008, 419, 215-230.	0.4	19
34	Application of the InvaderÂ® RNA Assay to the Polarity of Vertebrate mRNA Decay. Methods in Molecular Biology, 2008, 419, 259-276.	0.4	3
35	A+U-Rich Instability Elements Differentially Activate 5â€²-3â€² and 3â€²-5â€² mRNA Decay. Molecular and Cellular Biology, 2007, 27, 2791-2799.	1.1	53
36	c-Src Activates Endonuclease-Mediated mRNA Decay. Molecular Cell, 2007, 25, 779-787.	4.5	19

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37	Identification of a novel noncoding RNA gene,NAMA, that is downregulated in papillary thyroid carcinoma withBRAFmutation and associated with growth arrest. International Journal of Cancer, 2007, 121, 767-775.	2.3	53
38	The end defines the means in bacterial mRNA decay. Nature Chemical Biology, 2007, 3, 535-536.	3.9	24
39	RNA helicase A is necessary for translation of selected messenger RNAs. Nature Structural and Molecular Biology, 2006, 13, 509-516.	3.6	184
40	Polysome-Bound Endonuclease PMR1 Is Targeted to Stress Granules via Stress-Specific Binding to TIA-1. Molecular and Cellular Biology, 2006, 26, 8803-8813.	1.1	35
41	Correction: A role for the eIF4E-binding protein 4E-T in P-body formation and mRNA decay. Journal of Cell Biology, 2005, 171, 175-175.	2.3	0
42	A role for the eIF4E-binding protein 4E-T in P-body formation and mRNA decay. Journal of Cell Biology, 2005, 170, 913-924.	2.3	210
43	mRNA with a <20-nt poly(A) tail imparted by the poly(A)-limiting element is translated as efficiently in vivo as long poly(A) mRNA. Rna, 2005, 11, 1131-1140.	1.6	31
44	The poly(A)-limiting element enhances mRNA accumulation by increasing the efficiency of pre-mRNA 3' processing. Rna, 2005, 11, 958-965.	1.6	7
45	Microsomal Triglyceride Transfer Protein Promotes the Secretion of Xenopus laevis Vitellogenin A1. Journal of Biological Chemistry, 2005, 280, 13902-13905.	1.6	32
46	Application of Ligation-Mediated Reverse Transcription Polymerase Chain Reaction to the Identification of In Vivo Endonuclease-Generated Messenger RNA Decay Intermediates. , 2004, 257, 213-222.		3
47	Endonuclease-mediated mRNA Decay Requires Tyrosine Phosphorylation of Polysomal Ribonuclease 1 (PMR1) for the Targeting and Degradation of Polyribosome-bound Substrate mRNA. Journal of Biological Chemistry, 2004, 279, 48993-49002.	1.6	22
48	Endonuclease-Mediated mRNA Decay Involves the Selective Targeting of PMR1 to Polyribosome-Bound Substrate mRNA. Molecular Cell, 2004, 14, 435-445.	4.5	36
49	An endonuclease activity similar to Xenopus PMR1 catalyzes the degradation of normal and nonsense-containing human Â-globin mRNA in erythroid cells. Rna, 2003, 9, 1157-1167.	1.6	29
50	U2AF modulates poly(A) length control by the poly(A)-limiting element. Nucleic Acids Research, 2003, 31, 6264-6271.	6.5	12
51	Â-Globin mRNA decay in erythroid cells: UG site-preferred endonucleolytic cleavage that is augmented by a premature termination codon. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12741-12746.	3.3	53
52	Position and sequence requirements for poly(A) length regulation by the poly(A) limiting element. Rna, 2001, 7, 1034-1042.	1.6	8
53	Polysomal Ribonuclease 1. Methods in Enzymology, 2001, 342, 28-44.	0.4	4
54	New Ways of Initiating Translation in Eukaryotes?. Molecular and Cellular Biology, 2001, 21, 8238-8246.	1.1	60

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55	Identification of in Vivo mRNA Decay Intermediates Corresponding to Sites of in Vitro Cleavage by Polysomal Ribonuclease 1. Journal of Biological Chemistry, 2001, 276, 12331-12337.	1.6	22
56	Polysomal ribonuclease 1 exists in a latent form on polysomes prior to estrogen activation of mRNA decay. Nucleic Acids Research, 2001, 29, 1156-1162.	6.5	28
57	Vigilin binding selectively inhibits cleavage of the vitellogenin mRNA 3'-untranslated region by the mRNA endonuclease polysomal ribonuclease 1. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 12498-12502.	3.3	74
58	The poly(A)-limiting element is a conserved cis-acting sequence that regulates poly(A) tail length on nuclear pre-mRNAs. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 8943-8948.	3.3	35
59	Characterization of mRNA Endonucleases. Methods, 1999, 17, 60-73.	1.9	22
60	A polysomal ribonuclease involved in the destabilization of albumin mRNA is a novel member of the peroxidase gene family. Rna, 1998, 4, 1537-1548.	1.6	47
61	Identification of two cis-acting elements that independently regulate the length of poly(A) on Xenopus albumin pre-mRNA. Rna, 1998, 4, 766-776.	1.6	24
62	Cleavage properties of an estrogen-regulated polysomal ribonuclease involved in the destabilization of albumin mRNA. Nucleic Acids Research, 1997, 25, 735-742.	6.5	35
63	The Xenopus laevis homologue of the 64-kDa subunit of cleavage stimulation factor. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1996, 114, 313-315.	0.7	4
64	Regulated nuclear polyadenylation of Xenopus albumin pre-mRNA. Nucleic Acids Research, 1996, 24, 4078-4083.	6.5	19
65	Purification and Characterization of an Estrogen-regulated Xenopus Liver Polysomal Nuclease Involved in the Selective Destabilization of Albumin mRNA. Journal of Biological Chemistry, 1995, 270, 6108-6118.	1.6	62
66	S-Adenosyl-L-Homocysteine Hydrolase from Xenopus laevis - Identification, Developmental Expression, and Evolution. Biochemical and Biophysical Research Communications, 1994, 205, 1539-1546.	1.0	3
67	Identification and characterization of a cDNA encoding ribosomal protein S12 from Xenopus laevis. Gene, 1994, 150, 331-333.	1.0	1
68	The Nuclease That Selectively Degrades Albumin mRNA in Vitro Associates with Xenopus Liver Polysomes through the 80S Ribosome Complex. Archives of Biochemistry and Biophysics, 1993, 305, 313-319.	1.4	22
69	Identification of a novel member of the pentrax in family in Xenopus laevis. Proceedings of the Royal Society B: Biological Sciences, 1993, 253, 263-270.	1.2	54
70	Differential regulation and polyadenylation of transferrin mRNA in Xenopus liver and oviduct. Journal of Steroid Biochemistry and Molecular Biology, 1992, 42, 649-657.	1.2	12
71	Estrogen-induced ribonuclease activity in Xenopus liver. Biochemistry, 1991, 30, 10490-10498.	1.2	59
72	The estrogen-regulated destabilization of Xenopus albumin mRNA is independent of translation. Biochemical and Biophysical Research Communications, 1991, 174, 825-830.	1.0	11

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73	Coordinate Estrogen-Regulated Instability of Serum Protein-Coding Messenger RNAs inXenopus laevis. Molecular Endocrinology, 1991, 5, 461-468.	3.7	47
74	Sequence ofXenopus LaevisFerritin mRNA. Nucleic Acids Research, 1990, 18, 2184-2184.	6.5	25
75	The nucleotide sequence ofXenopus laevistransferrin mRNA. Nucleic Acids Research, 1990, 18, 6135-6135.	6.5	36
76	Estrogen regulation of Xenopus laevis .gamma.-fibrinogen gene expression. Biochemistry, 1990, 29, 2599-2605.	1.2	24
77	XenopuslaevisSerum Albumin: Sequence of the Complementary Deoxyribonucleic Acids Encoding the 68- and 74-Kilodalton Peptides and the Regulation of Albumin Gene Expression by Thyroid Hormone during Development*. Molecular Endocrinology, 1989, 3, 464-473.	3.7	44
78	Extranuclear Estrogen-Regulated Destabilization of<i>Xenopus laevis</i>Serum Albumin mRNA. Molecular Endocrinology, 1989, 3, 805-814.	3.7	45
79	Halocarbon hepatotoxicity is not initiated by Ca2+-stimulated endonuclease activation. Toxicology and Applied Pharmacology, 1989, 97, 350-359.	1.3	14
80	Amphibian albumins as members of the albumin, alpha-fetoprotein, vitamin D-binding protein multigene family. Journal of Molecular Evolution, 1989, 29, 344-354.	0.8	55
81	Differential Induction of Hepatic Estrogen Receptor and Vitellogenin Gene Transcription in<i>Xenopus laevis</i>*. Endocrinology, 1987, 120, 1283-1290.	1.4	17
82	Posttranscriptional Regulation of Albumin Gene Expression in<i>Xenopus</i>Liver: Evidence for an Estrogen Receptor-Dependent Mechanism*. Molecular Endocrinology, 1987, 1, 160-167.	3.7	23
83	Effects of antiestrogens on the induction of vitellogenin and its mRNA in Xenopus laevis. The Journal of Steroid Biochemistry, 1986, 24, 1141-1149.	1.3	10
84	Transcriptional and post-transcriptional inhibition of albumin gene expression by estrogen in Xenopus liver. Molecular and Cellular Endocrinology, 1986, 44, 201-209.	1.6	39
85	Interference with the screening of genomic libraries by rearrangements of Î»1059. Gene Analysis Techniques, 1984, 1, 8-12.	1.1	1
86	Nuclear association states of rat uterine oestrogen receptors as probed by nuclease digestion. Biochemical Journal, 1981, 196, 423-432.	3.2	19
87	Albumin is encoded by 2 messenger RNAs in Xenopus laevis. Nucleic Acids Research, 1981, 9, 6669-6688.	6.5	14
88	A Simple Modification of the Estrogen Receptor Exchange Assay: Validation in Nuclei from the Rat Uterus and a Mouse Mammary Tumor*. Endocrinology, 1980, 106, 56-60.	1.4	6