

# Carol J Wilusz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2365268/publications.pdf>

Version: 2024-02-01

56  
papers

4,747  
citations

147801

31  
h-index

149698

56  
g-index

58  
all docs

58  
docs citations

58  
times ranked

5869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Standardizing data reporting in the research community to enhance the utility of open data for SARS-CoV-2 wastewater surveillance. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 1545-1551.	2.4	34
2	<i>Mycobacterium tuberculosis</i> precursor rRNA as a measure of treatment-shortening activity of drugs and regimens. <i>Nature Communications</i> , 2021, 12, 2899.	12.8	38
3	YTHDF2 destabilizes m <sup>6</sup> A-modified neural-specific RNAs to restrain differentiation in induced pluripotent stem cells. <i>Rna</i> , 2020, 26, 739-755.	3.5	30
4	Small changes, big implications: The impact of m6A RNA methylation on gene expression in pluripotency and development. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 194402.	1.9	37
5	Engineered viral RNA decay intermediates to assess XRN1-mediated decay. <i>Methods</i> , 2019, 155, 116-123.	3.8	3
6	Identification of phlebovirus and arenavirus RNA sequences that stall and repress the exoribonuclease XRN1. <i>Journal of Biological Chemistry</i> , 2018, 293, 285-295.	3.4	28
7	Host Directed Therapy for Chronic Tuberculosis via Intrapulmonary Delivery of Aerosolized Peptide Inhibitors Targeting the IL-10-STAT3 Pathway. <i>Scientific Reports</i> , 2018, 8, 16610.	3.3	25
8	Sequences encoding C2H2 zinc fingers inhibit polyadenylation and mRNA export in human cells. <i>Scientific Reports</i> , 2018, 8, 16995.	3.3	4
9	Metabolic labeling and recovery of nascent RNA to accurately quantify mRNA stability. <i>Methods</i> , 2017, 120, 39-48.	3.8	58
10	The CELF1 RNA-Binding Protein Regulates Decay of Signal Recognition Particle mRNAs and Limits Secretion in Mouse Myoblasts. <i>PLoS ONE</i> , 2017, 12, e0170680.	2.5	9
11	XRN1 Stalling in the 5' UTR of Hepatitis C Virus and Bovine Viral Diarrhea Virus Is Associated with Dysregulated Host mRNA Stability. <i>PLoS Pathogens</i> , 2015, 11, e1004708.	4.7	67
12	Flavivirus sfRNA suppresses antiviral RNA interference in cultured cells and mosquitoes and directly interacts with the RNAi machinery. <i>Virology</i> , 2015, 485, 322-329.	2.4	129
13	H19 long noncoding RNA controls the mRNA decay promoting function of KSRP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5023-8.	7.1	104
14	Destabilization of nucleophosmin mRNA by the HuR/KSRP complex is required for muscle fibre formation. <i>Nature Communications</i> , 2014, 5, 4190.	12.8	56
15	Changes in Cellular mRNA Stability, Splicing, and Polyadenylation through HuR Protein Sequestration by a Cytoplasmic RNA Virus. <i>Cell Reports</i> , 2013, 5, 909-917.	6.4	65
16	CELFish ways to modulate mRNA decay. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 695-707.	1.9	43
17	Overexpression of RNA-binding protein CELF1 prevents apoptosis and destabilizes pro-apoptotic mRNAs in oral cancer cells. <i>RNA Biology</i> , 2013, 10, 277-286.	3.1	47
18	Lsm proteins and Hfq. <i>RNA Biology</i> , 2013, 10, 592-601.	3.1	94

#	ARTICLE	IF	CITATIONS
19	The PARN Deadenylation Targets a Discrete Set of mRNAs for Decay and Regulates Cell Motility in Mouse Myoblasts. <i>PLoS Genetics</i> , 2012, 8, e1002901.	3.5	47
20	A noncoding RNA produced by arthropod-borne flaviviruses inhibits the cellular exoribonuclease XRN1 and alters host mRNA stability. <i>Rna</i> , 2012, 18, 2029-2040.	3.5	177
21	Dephosphorylation of HuR Protein during Alphavirus Infection Is Associated with HuR Relocalization to the Cytoplasm*. <i>Journal of Biological Chemistry</i> , 2012, 287, 36229-36238.	3.4	50
22	HuR and Translation—The Missing Link(RNA). <i>Molecular Cell</i> , 2012, 47, 495-496.	9.7	18
23	The 3' Untranslated Region of the Rabies Virus Glycoprotein mRNA Specifically Interacts with Cellular PCBP2 Protein and Promotes Transcript Stability. <i>PLoS ONE</i> , 2012, 7, e33561.	2.5	21
24	Global analysis reveals multiple pathways for unique regulation of mRNA decay in induced pluripotent stem cells. <i>Genome Research</i> , 2012, 22, 1457-1467.	5.5	41
25	Nucleophosmin deposition during mRNA 3' end processing influences poly(A) tail length. <i>EMBO Journal</i> , 2011, 30, 3994-4005.	7.8	30
26	Repeat expansion diseases: when a good RNA turns bad. <i>Wiley Interdisciplinary Reviews RNA</i> , 2010, 1, 173-192.	6.4	6
27	Systematic Analysis of Cis-Elements in Unstable mRNAs Demonstrates that CUGBP1 Is a Key Regulator of mRNA Decay in Muscle Cells. <i>PLoS ONE</i> , 2010, 5, e11201.	2.5	122
28	trans Regulation: Do mRNAs Have a Herd Mentality?. <i>Developmental Cell</i> , 2010, 18, 333-334.	7.0	1
29	Consequences of mRNA Wardrobe Malfunctions. <i>Cell</i> , 2010, 143, 863-865.	28.9	7
30	Sindbis Virus Usurps the Cellular HuR Protein to Stabilize Its Transcripts and Promote Productive Infections in Mammalian and Mosquito Cells. <i>Cell Host and Microbe</i> , 2010, 8, 196-207.	11.0	93
31	RNA recognition by 3'-to-5' exonucleases: The substrate perspective. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2008, 1779, 256-265.	1.9	43
32	Chapter 8 The Preparation and Applications of Cytoplasmic Extracts from Mammalian Cells for Studying Aspects of mRNA Decay. <i>Methods in Enzymology</i> , 2008, 448, 139-163.	1.0	15
33	The 3' Untranslated Region of Sindbis Virus Represses Deadenylation of Viral Transcripts in Mosquito and Mammalian Cells. <i>Journal of Virology</i> , 2008, 82, 880-892.	3.4	67
34	New ways to meet your (3') end—oligouridylation as a step on the path to destruction. <i>Genes and Development</i> , 2008, 22, 1-7.	5.9	41
35	The RNA-binding Protein CUGBP1 Regulates Stability of Tumor Necrosis Factor mRNA in Muscle Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 22457-22463.	3.4	85
36	In Vivo Analysis of the Decay of Transcripts Generated by Cytoplasmic RNA Viruses. <i>Methods in Enzymology</i> , 2008, 449, 97-123.	1.0	3

#	ARTICLE	IF	CITATIONS
37	Efficient In Vitro Amplification of Chronic Wasting Disease PrP RES. <i>Journal of Virology</i> , 2007, 81, 9605-9608.	3.4	87
38	Functional redundancy of worm spliceosomal proteins U1A and U2B". <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9753-9757.	7.1	25
39	HuR-SIRT: The Hairy World of Posttranscriptional Control. <i>Molecular Cell</i> , 2007, 25, 485-487.	9.7	15
40	The highways and byways of mRNA decay. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 113-126.	37.0	1,129
41	Lsm proteins bind and stabilize RNAs containing 5â€² poly(A) tracts. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 824-831.	8.2	47
42	CUG-BP and 3'UTR sequences influence PARN-mediated deadenylation in mammalian cell extracts. <i>Genetics and Molecular Biology</i> , 2007, 30, 646-655.	1.3	1
43	Nucleophosmin is selectively deposited on mRNA during polyadenylation. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 429-435.	8.2	32
44	Viruses: Overturning RNA Turnover. <i>RNA Biology</i> , 2006, 3, 140-144.	3.1	11
45	CUG-BP binds to RNA substrates and recruits PARN deadenylase. <i>Rna</i> , 2006, 12, 1084-1091.	3.5	159
46	Sequence-specific RNA binding mediated by the RNase PH domain of components of the exosome. <i>Rna</i> , 2006, 12, 1810-1816.	3.5	30
47	Eukaryotic Lsm proteins: lessons from bacteria. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 1031-1036.	8.2	141
48	Global Analysis of Pub1p Targets Reveals a Coordinate Control of Gene Expression through Modulation of Binding and Stability. <i>Molecular and Cellular Biology</i> , 2005, 25, 5499-5513.	2.3	73
49	A cell-free mRNA stability assay reveals conservation of the enzymes and mechanisms of mRNA decay between mosquito and mammalian cell lines. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 1321-1334.	2.7	24
50	Bringing the role of mRNA decay in the control of gene expression into focus. <i>Trends in Genetics</i> , 2004, 20, 491-497.	6.7	243
51	Messenger RNA Decay in Mammalian Cells: The Exonuclease Perspective. <i>Cell Biochemistry and Biophysics</i> , 2004, 41, 265-278.	1.8	25
52	A Yeast Homologue of Hsp70, Ssa1p, Regulates Turnover of the MFA2 Transcript through Its AU-Rich 3â€² Untranslated Region. <i>Molecular and Cellular Biology</i> , 2003, 23, 2623-2632.	2.3	32
53	Non-stop decay? a new mRNA surveillance pathway. <i>BioEssays</i> , 2002, 24, 785-788.	2.5	95
54	The cap-to-tail guide to mRNA turnover. <i>Nature Reviews Molecular Cell Biology</i> , 2001, 2, 237-246.	37.0	705

#	ARTICLE	IF	CITATIONS
55	A complex containing CstF-64 and the SL2 snRNP connects mRNA 3' end formation and trans-splicing in <i>C. elegans</i> operons. <i>Genes and Development</i> , 2001, 15, 2562-2571.	5.9	39
56	Curbing the nonsense: the activation and regulation of mRNA surveillance: Figure 1.. <i>Genes and Development</i> , 2001, 15, 2781-2785.	5.9	95