Jeremy E Wilusz

List of Publications by Year in Descending Order

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Version: 2024-04-09

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

46 papers	6,781 citations	30 h-index	54 g-index
54 ext. papers	8,341 ext. citations	15.4 avg, IF	6.86 L-index

#	Paper	IF	Citations
46	CRISPR/Cas13 effectors have differing extents of off-target effects that limit their utility in eukaryotic cells.. *Nucleic Acids Research*, **2022**,	20.1	5
45	Engineering highly efficient backsplicing and translation of synthetic circRNAs. *Molecular Therapy - Nucleic Acids*, **2021**, 23, 821-834	10.7	13
44	Use of circular RNAs as markers of readthrough transcription to identify factors regulating cleavage/polyadenylation events. *Methods*, **2021**, 196, 121-128	4.6	0
43	TET2 chemically modifies tRNAs and regulates tRNA fragment levels. *Nature Structural and Molecular Biology*, **2021**, 28, 62-70	17.6	12
42	Best practices to ensure robust investigation of circular RNAs: pitfalls and tips. *EMBO Reports*, **2021** , 22, e52072	6.5	14
41	RNAi Screening to Identify Factors That Control Circular RNA Localization. *Methods in Molecular Biology*, **2021**, 2209, 321-332	1.4	1
40	Biogenesis and Functions of Circular RNAs Come into Focus. *Trends in Cell Biology*, **2020**, 30, 226-240	18.3	121
39	The Integrator Complex in Transcription and Development. *Trends in Biochemical Sciences*, **2020**, 45, 923-934	10.3	13
38	Circular RNA CircFndc3b modulates cardiac repair after myocardial infarction via FUS/VEGF-A axis. *Nature Communications*, **2019**, 10, 4317	17.4	171
37	The Integrator complex cleaves nascent mRNAs to attenuate transcription. *Genes and Development*, **2019**, 33, 1525-1538	12.6	54
36	Ribosome queuing enables non-AUG translation to be resistant to multiple protein synthesis inhibitors. *Genes and Development*, **2019**, 33, 871-885	12.6	32
35	Circle the Wagons: Circular RNAs Control Innate Immunity. *Cell*, **2019**, 177, 797-799	56.2	12
34	An improved method for circular RNA purification using RNase R that efficiently removes linear RNAs containing G-quadruplexes or structured 3Vends. *Nucleic Acids Research*, **2019**, 47, 8755-8769	20.1	67
33	The capping enzyme facilitates promoter escape and assembly of a follow-on preinitiation complex for reinitiation. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 22573-22582	11.5	7
32	Attenuation of Eukaryotic Protein-Coding Gene Expression via Premature Transcription Termination. *Cold Spring Harbor Symposia on Quantitative Biology*, **2019**, 84, 83-93	3.9	1
31	The Integrator Complex Attenuates Promoter-Proximal Transcription at Protein-Coding Genes. *Molecular Cell*, **2019**, 76, 738-752.e7	17.6	62
30	A 360°view of circular RNAs: From biogenesis to functions. *Wiley Interdisciplinary Reviews RNA*, **2018**, 9, e1478	9.3	251

29	Tissue-Dependent Expression and Translation of Circular RNAs with Recombinant AAV Vectors In Vivo. *Molecular Therapy - Nucleic Acids*, **2018**, 13, 89-98	10.7	56
28	A length-dependent evolutionarily conserved pathway controls nuclear export of circular RNAs. *Genes and Development*, **2018**, 32, 639-644	12.6	146
27	Sensing Self and Foreign Circular RNAs by Intron Identity. *Molecular Cell*, **2017**, 67, 228-238.e5	17.6	226
26	An Unchartered Journey for Ribosomes: Circumnavigating Circular RNAs to Produce Proteins. *Molecular Cell*, **2017**, 66, 1-2	17.6	54
25	Non-AUG translation: a new start for protein synthesis in eukaryotes. *Genes and Development*, **2017**, 31, 1717-1731	12.6	174
24	Inducible Expression of Eukaryotic Circular RNAs from Plasmids. *Methods in Molecular Biology*, **2017**, 1648, 143-154	1.4	22
23	The Output of Protein-Coding Genes Shifts to Circular RNAs When the Pre-mRNA Processing Machinery Is Limiting. *Molecular Cell*, **2017**, 68, 940-954.e3	17.6	213
22	Circular RNAs: Unexpected outputs of many protein-coding genes. *RNA Biology*, **2017**, 14, 1007-1017	4.8	72
21	Long noncoding RNAs: Re-writing dogmas of RNA processing and stability. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2016**, 1859, 128-38	6	140
20	High-Resolution Mapping of RNA-Binding Regions in the Nuclear Proteome of Embryonic Stem Cells. *Molecular Cell*, **2016**, 64, 416-430	17.6	161
19	A conserved virus-induced cytoplasmic TRAMP-like complex recruits the exosome to target viral RNA for degradation. *Genes and Development*, **2016**, 30, 1658-70	12.6	35
18	Combinatorial control of Drosophila circular RNA expression by intronic repeats, hnRNPs, and SR proteins. *Genes and Development*, **2015**, 29, 2168-82	12.6	300
17	Removing roadblocks to deep sequencing of modified RNAs. *Nature Methods*, **2015**, 12, 821-2	21.6	20
16	Controlling translation via modulation of tRNA levels. *Wiley Interdisciplinary Reviews RNA*, **2015**, 6, 453-70	9.3	47
15	Repetitive elements regulate circular RNA biogenesis. *Mobile Genetic Elements*, **2015**, 5, 1-7		36
14	A 3′ Poly(A) Tract Is Required for LINE-1 Retrotransposition. *Molecular Cell*, **2015**, 60, 728-741	17.6	87
13	On-enzyme refolding permits small RNA and tRNA surveillance by the CCA-adding enzyme. *Cell*, **2015**, 160, 644-658	56.2	52
12	Short intronic repeat sequences facilitate circular RNA production. *Genes and Development*, **2014**, 28, 2233-47	12.6	579

11	Nonsense-mediated RNA decay: at the Vcutting edgeVof regulated snoRNA production. *Genes and Development*, **2014**, 28, 2447-9	12.6	4
10	Molecular biology. A circuitous route to noncoding RNA. *Science*, **2013**, 340, 440-1	33.3	346
9	A triple helix stabilizes the 3Vends of long noncoding RNAs that lack poly(A) tails. *Genes and Development*, **2012**, 26, 2392-407	12.6	286
8	tRNAs marked with CCACCA are targeted for degradation. *Science*, **2011**, 334, 817-21	33.3	111
7	An unexpected ending: noncanonical 3Vend processing mechanisms. *Rna*, **2010**, 16, 259-66	5.8	49
6	Long noncoding RNAs: functional surprises from the RNA world. *Genes and Development*, **2009**, 23, 1494-504	12.6	1711
5	MEN epsilon/beta nuclear-retained non-coding RNAs are up-regulated upon muscle differentiation and are essential components of paraspeckles. *Genome Research*, **2009**, 19, 347-59	9.7	469
4	3Vend processing of a long nuclear-retained noncoding RNA yields a tRNA-like cytoplasmic RNA. *Cell*, **2008**, 135, 919-32	56.2	497
3	The negative regulator of splicing element of Rous sarcoma virus promotes polyadenylation. *Journal of Virology*, **2006**, 80, 9634-40	6.6	21
2	Chimeric peptide nucleic acid compounds modulate splicing of the bcl-x gene in vitro and in vivo. *Nucleic Acids Research*, **2005**, 33, 6547-54	20.1	17
1	CRISPR/Cas13 effectors have differing extents of off-target effects that limit their utility in eukaryotic cells		3