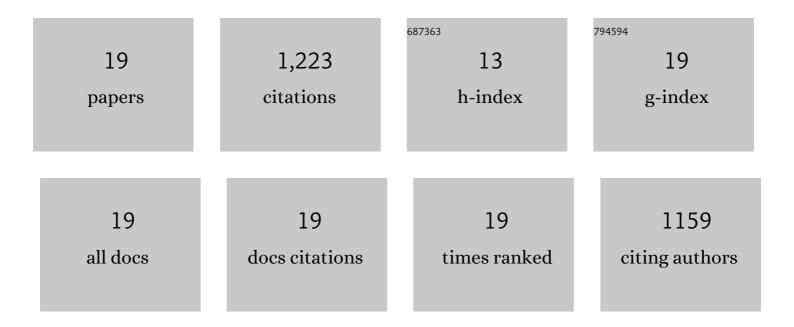
Nancy A Woychik

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The RNA Polymerase II Machinery. Cell, 2002, 108, 453-463.	28.9	246
2	Bacterial toxin YafQ is an endoribonuclease that associates with the ribosome and blocks translation elongation through sequenceâ€specific and frameâ€dependent mRNA cleavage. Molecular Microbiology, 2009, 71, 1071-1087.	2.5	142
3	Single Protein Production in Living Cells Facilitated by an mRNA Interferase. Molecular Cell, 2005, 18, 253-261.	9.7	138
4	Mycobacterial toxin MazF-mt6 inhibits translation through cleavage of 23S rRNA at the ribosomal A site. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8501-8506.	7.1	114
5	An RNA-seq method for defining endoribonuclease cleavage specificity identifies dual rRNA substrates for toxin MazF-mt3. Nature Communications, 2014, 5, 3538.	12.8	91
6	tRNA is a new target for cleavage by a MazF toxin. Nucleic Acids Research, 2016, 44, 1256-1270.	14.5	83
7	Noncognate Mycobacterium tuberculosis Toxin-Antitoxins Can Physically and Functionally Interact. Journal of Biological Chemistry, 2010, 285, 39732-39738.	3.4	82
8	Growth-regulating Mycobacterium tuberculosis VapC-mt4 toxin is an isoacceptor-specific tRNase. Nature Communications, 2015, 6, 7480.	12.8	79
9	Growth and Translation Inhibition through Sequence-specific RNA Binding by Mycobacterium tuberculosis VapC Toxin. Journal of Biological Chemistry, 2012, 287, 12835-12847.	3.4	60
10	Clostridium difficile MazF Toxin Exhibits Selective, Not Global, mRNA Cleavage. Journal of Bacteriology, 2012, 194, 3464-3474.	2.2	59
11	Accurate target identification for Mycobacterium tuberculosis endoribonuclease toxins requires expression in their native host. Scientific Reports, 2019, 9, 5949.	3.3	28
12	Toxin-mediated ribosome stalling reprograms the Mycobacterium tuberculosis proteome. Nature Communications, 2019, 10, 3035.	12.8	22
13	<i>Mycobacterium tuberculosis</i> VapC4 toxin engages small ORFs to initiate an integrated oxidative and copper stress response. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
14	23S rRNA as an a-Maz-ing new bacterial toxin target. RNA Biology, 2014, 11, 101-105.	3.1	13
15	tRNA ^{fMet} Inactivating Mycobacterium tuberculosis VapBC Toxin-Antitoxin Systems as Therapeutic Targets. Antimicrobial Agents and Chemotherapy, 2022, 66, e0189621.	3.2	11
16	Teaching Fido New ModiFICation Tricks. PLoS Pathogens, 2014, 10, e1004349.	4.7	10
17	tRNAs taking charge. Pathogens and Disease, 2016, 74, ftv117.	2.0	10
18	Cloaked dagger: tRNA slicing by an unlikely culprit. RNA Biology, 2017, 14, 15-19.	3.1	9

#	Article	IF	CITATIONS
19	The Sole Mycobacterium smegmatis MazF Toxin Targets tRNALys to Impart Highly Selective, Codon-Dependent Proteome Reprogramming. Frontiers in Genetics, 2020, 10, 1356.	2.3	9