

# Nancy A Woychik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4309138/publications.pdf>

Version: 2024-02-01

19  
papers

1,223  
citations

687363

13  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1159  
citing authors

#	ARTICLE	IF	CITATIONS
1	tRNA <sup>fMet</sup> Inactivating Mycobacterium tuberculosis VapBC Toxin-Antitoxin Systems as Therapeutic Targets. Antimicrobial Agents and Chemotherapy, 2022, 66, e0189621.	3.2	11
2	<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
3	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
4	Toxin-mediated ribosome stalling reprograms the Mycobacterium tuberculosis proteome. Nature Communications, 2019, 10, 3035.	12.8	22
5	Accurate target identification for Mycobacterium tuberculosis endoribonuclease toxins requires expression in their native host. Scientific Reports, 2019, 9, 5949.	3.3	28
6	Cloaked dagger: tRNA slicing by an unlikely culprit. RNA Biology, 2017, 14, 15-19.	3.1	9
7	tRNAs taking charge. Pathogens and Disease, 2016, 74, ftv117.	2.0	10
8	tRNA is a new target for cleavage by a MazF toxin. Nucleic Acids Research, 2016, 44, 1256-1270.	14.5	83
9	Growth-regulating Mycobacterium tuberculosis VapC-mt4 toxin is an isoacceptor-specific tRNase. Nature Communications, 2015, 6, 7480.	12.8	79
10	23S rRNA as an a-Maz-ing new bacterial toxin target. RNA Biology, 2014, 11, 101-105.	3.1	13
11	Teaching Fido New ModifiCation Tricks. PLoS Pathogens, 2014, 10, e1004349.	4.7	10
12	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
13	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
14	Clostridium difficile MazF Toxin Exhibits Selective, Not Global, mRNA Cleavage. Journal of Bacteriology, 2012, 194, 3464-3474.	2.2	59
15	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
16	Noncognate Mycobacterium tuberculosis Toxin-Antitoxins Can Physically and Functionally Interact. Journal of Biological Chemistry, 2010, 285, 39732-39738.	3.4	82
17	Bacterial toxin YafQ is an endoribonuclease that associates with the ribosome and blocks translation elongation through sequence-specific and frame-dependent mRNA cleavage. Molecular Microbiology, 2009, 71, 1071-1087.	2.5	142
18	Single Protein Production in Living Cells Facilitated by an mRNA Interferase. Molecular Cell, 2005, 18, 253-261.	9.7	138

#	ARTICLE	IF	CITATIONS
19	The RNA Polymerase II Machinery. Cell, 2002, 108, 453-463.	28.9	246