Joanna L Hicks

List of Publications by Year
in descending order

12	555	1040056 9	1199594 12
papers	citations	h-index	g-index

13	13	13	694
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The PIN-domain ribonucleases and the prokaryotic VapBC toxin-antitoxin array. Protein Engineering, Design and Selection, 2011, 24, 33-40.	2.1	148
2	The vapBC Operon from Mycobacterium smegmatis Is An Autoregulated Toxinâ€“Antitoxin Module That Controls Growth via Inhibition of Translation. Journal of Molecular Biology, 2009, 390, 353-367.	4.2	96
3	VapC Toxins from Mycobacterium tuberculosis Are Ribonucleases that Differentially Inhibit Growth and Are Neutralized by Cognate VapB Antitoxins. PLoS ONE, 2011, 6, e21738.	2.5	78
4	A VapBC Toxin-Antitoxin Module Is a Posttranscriptional Regulator of Metabolic Flux in Mycobacteria. Journal of Bacteriology, 2012, 194, 2189-2204.	2.2	75
5	Crystal structure of PAE0151 from Pyrobaculum aerophilum, a PINâ€domain (VapC) protein from a toxinâ€antitoxin operon. Proteins: Structure, Function and Bioinformatics, 2008, 72, 510-518.	2.6	45
6	Determination of ribonuclease sequence-specificity using Pentaprobes and mass spectrometry. Rna, 2012, 18, 1267-1278.	3.5	39
7	The Inflection Point Hypothesis: The Relationship between the Temperature Dependence of Enzyme-Catalyzed Reaction Rates and Microbial Growth Rates. Biochemistry, 2020, 59, 3562-3569.	2.5	20
8	Cysteine biosynthesis in Neisseria species. Microbiology (United Kingdom), 2018, 164, 1471-1480.	1.8	20
9	VapC proteins from Mycobacterium tuberculosis share ribonuclease sequence specificity but differ in regulation and toxicity. PLoS ONE, 2018, 13, e0203412.	2.5	19
10	Structure and Function of AmtR in Mycobacterium smegmatis: Implications for Post-Transcriptional Regulation of Urea Metabolism through a Small Antisense RNA. Journal of Molecular Biology, 2016, 428, 4315-4329.	4.2	8
11	An essential pentatricopeptide repeat protein in the apicomplexan remnant chloroplast. Cellular Microbiology, 2019, 21, e13108.	2.1	4
12	Serine acetyltransferase from Neisseria gonorrhoeae; structural and biochemical basis of inhibition. Biochemical Journal, 2022, 479, 57-74.	3.7	2