

# Monica Amblar

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

682  
citations

759055

12  
h-index

713332

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unravelling the dynamics of RNA degradation by ribonuclease II and its RNA-bound complex. <i>Nature</i> , 2006, 443, 110-114.	13.7	207
2	Characterization of the Functional Domains of Escherichia coli RNase II. <i>Journal of Molecular Biology</i> , 2006, 360, 921-933.	2.0	68
3	Identification of 88 regulatory small RNAs in the TIGR4 strain of the human pathogen <i>Streptococcus pneumoniae</i> . <i>Rna</i> , 2012, 18, 530-546.	1.6	62
4	The role of the S1 domain in exoribonucleolytic activity: Substrate specificity and multimerization. <i>Rna</i> , 2007, 13, 317-327.	1.6	50
5	A single mutation in Escherichia coli ribonuclease II inactivates the enzyme without affecting RNA binding. <i>FEBS Journal</i> , 2005, 272, 363-374.	2.2	44
6	New Insights into the Mechanism of RNA Degradation by Ribonuclease II. <i>Journal of Biological Chemistry</i> , 2008, 283, 13070-13076.	1.6	44
7	Determination of Key Residues for Catalysis and RNA Cleavage Specificity. <i>Journal of Biological Chemistry</i> , 2009, 284, 20486-20498.	1.6	34
8	The Response Regulator YycF Inhibits Expression of the Fatty Acid Biosynthesis Repressor FabT in <i>Streptococcus pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1326.	1.5	24
9	Synergies between RNA degradation and trans-translation in <i>Streptococcus pneumoniae</i> : cross regulation and co-transcription of RNase R and SmpB. <i>BMC Microbiology</i> , 2012, 12, 268.	1.3	21
10	Chapter 8 Characterizing Ribonucleases In Vitro. <i>Methods in Enzymology</i> , 2008, 447, 131-160.	0.4	16
11	Absence of tmRNA Has a Protective Effect against Fluoroquinolones in <i>Streptococcus pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 2164.	1.5	16
12	Boldine-Derived Alkaloids Inhibit the Activity of DNA Topoisomerase I and Growth of <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1659.	1.5	16
13	Small regulatory RNAs in <i>Streptococcus pneumoniae</i> : discovery and biological functions. <i>Frontiers in Genetics</i> , 2015, 06, 126.	1.1	13
14	Biochemical Analysis of Point Mutations in the 5'→3' Exonuclease of DNA Polymerase I of <i>Streptococcus pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 19172-19181.	1.6	12
15	Development of an inducible system to control and easily monitor gene expression in <i>Lactococcus lactis</i> . <i>Plasmid</i> , 2004, 51, 256-264.	0.4	11
16	Expression, purification, crystallization and preliminary diffraction data characterization of Escherichia coli ribonuclease II (RNase II). <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 684-687.	0.7	10
17	Purification and properties of the 5'-3' exonuclease D190 A mutant of DNA polymerase I from <i>Streptococcus pneumoniae</i> . <i>FEBS Journal</i> , 1998, 252, 124-132.	0.2	9
18	Homologous and heterologous expression of RNase III from <i>Lactococcus lactis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 884-890.	1.0	9

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19	Isolation of a point mutation associated with altered expression of the CmeABC efflux pump in a multidrug-resistant <i>Campylobacter jejuni</i> population of poultry origin. <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 115-122.	0.9	8
20	Purification and properties of the 5'→3' exonuclease D10A mutant of DNA polymerase I from <i>Streptococcus pneumoniae</i> : a new tool for DNA sequencing. <i>Journal of Biotechnology</i> , 1998, 63, 17-27.	1.9	5
21	A Small Non-Coding RNA Modulates Expression of Pilus-1 Type in <i>Streptococcus pneumoniae</i> . <i>Microorganisms</i> , 2021, 9, 1883.	1.6	3
22	Absence of tmRNA has a protective effect against fluoroquinolones in <i>Streptococcus pneumoniae</i> . , 2020, , .		0