

Cecilia M Arraiano

List of Publications by Year in descending order

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141
papers

5,242
citations

87888

38
h-index

106344

65
g-index

150
all docs

150
docs citations

150
times ranked

4134
citing authors

#	ARTICLE	IF	CITATIONS
1	The critical role of RNA processing and degradation in the control of gene expression. <i>FEMS Microbiology Reviews</i> , 2010, 34, 883-923.	8.6	285
2	The exosome contains domains with specific endoribonuclease, exoribonuclease and cytoplasmic mRNA decay activities. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 56-62.	8.2	263
3	Unravelling the dynamics of RNA degradation by ribonuclease II and its RNA-bound complex. <i>Nature</i> , 2006, 443, 110-114.	27.8	207
4	The exoribonuclease Dis3L2 defines a novel eukaryotic RNA degradation pathway. <i>EMBO Journal</i> , 2013, 32, 1842-1854.	7.8	173
5	Degradation of mRNA in bacteria: emergence of ubiquitous features. <i>BioEssays</i> , 2000, 22, 235-244.	2.5	160
6	Cold shock induction of RNase R and its role in the maturation of the quality control mediator SsrA/tmRNA. <i>Molecular Microbiology</i> , 2003, 50, 1349-1360.	2.5	141
7	Characterization of the role of ribonucleases in Salmonella small RNA decay. <i>Nucleic Acids Research</i> , 2007, 35, 7651-7664.	14.5	133
8	The stationary-phase morphogene <i>bolA</i> from <i>Escherichia coli</i> is induced by stress during early stages of growth. <i>Molecular Microbiology</i> , 1999, 32, 789-798.	2.5	126
9	Base Pairing Interaction between 5' and 3'-UTRs Controls <i>icaR</i> mRNA Translation in <i>Staphylococcus aureus</i> . <i>PLoS Genetics</i> , 2013, 9, e1004001.	3.5	123
10	The gene <i>bolA</i> regulates <i>dacA</i> (PBP5), <i>dacC</i> (PBP6) and <i>ampC</i> (AmpC), promoting normal morphology in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2002, 45, 1729-1740.	2.5	110
11	The role of RNases in the regulation of small RNAs. <i>Current Opinion in Microbiology</i> , 2014, 18, 105-115.	5.1	104
12	The crucial role of PNPase in the degradation of small RNAs that are not associated with Hfq. <i>Rna</i> , 2012, 18, 844-855.	3.5	99
13	Chapter 5 The Role of 5' Exoribonucleases in RNA Degradation. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 85, 187-229.	1.7	89
14	<i>BolA</i> Is a Transcriptional Switch That Turns Off Motility and Turns On Biofilm Development. <i>MBio</i> , 2015, 6, e02352-14.	4.1	85
15	Regulation of the small regulatory RNA <i>MicA</i> by ribonuclease III: a target-dependent pathway. <i>Nucleic Acids Research</i> , 2011, 39, 2918-2930.	14.5	77
16	A PNPase Dependent CRISPR System in <i>Listeria</i> . <i>PLoS Genetics</i> , 2014, 10, e1004065.	3.5	76
17	SATP (YaaH), a succinate acetate transporter protein in <i>Escherichia coli</i> . <i>Biochemical Journal</i> , 2013, 454, 585-595.	3.7	74
18	RNase II removes the oligo(A) tails that destabilize the <i>rpsO</i> mRNA of <i>Escherichia coli</i> . <i>Rna</i> , 2000, 6, 1185-1193.	3.5	73

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19	RNase R affects gene expression in stationary phase: regulation of omp A. <i>Molecular Microbiology</i> , 2006, 60, 219-228.	2.5	73
20	The <i>RNA</i> -binding protein Hfq is important for ribosome biogenesis and affects translation fidelity. <i>EMBO Journal</i> , 2018, 37, .	7.8	73
21	RNA-Binding Proteins Driving the Regulatory Activity of Small Non-coding RNAs in Bacteria. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 78.	3.5	73
22	PNPase modulates RNase II expression in <i>Escherichia coli</i> : implications for mRNA decay and cell metabolism. <i>Molecular Microbiology</i> , 1996, 20, 1033-1042.	2.5	70
23	PNPase is a key player in the regulation of small RNAs that control the expression of outer membrane proteins. <i>Rna</i> , 2008, 14, 543-551.	3.5	69
24	Effect of <i>Escherichia coli</i> Morphogene <i>bolA</i> on Biofilms. <i>Applied and Environmental Microbiology</i> , 2004, 70, 5682-5684.	3.1	68
25	Characterization of the Functional Domains of <i>Escherichia coli</i> RNase II. <i>Journal of Molecular Biology</i> , 2006, 360, 921-933.	4.2	68
26	<i>BolA</i> Inhibits Cell Elongation and Regulates <i>MreB</i> Expression Levels. <i>Journal of Molecular Biology</i> , 2009, 385, 1345-1351.	4.2	64
27	Next generation sequencing analysis reveals that the ribonucleases RNase II, RNase R and PNPase affect bacterial motility and biofilm formation in <i>E. coli</i> . <i>BMC Genomics</i> , 2015, 16, 72.	2.8	63
28	The Virulence of <i>Salmonella enterica</i> Serovar Typhimurium in the Insect Model <i>Galleria mellonella</i> Is Impaired by Mutations in RNase E and RNase III. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6124-6133.	3.1	60
29	Identification of a DNA-binding site for the transcription factor Haa1, required for <i>Saccharomyces cerevisiae</i> response to acetic acid stress. <i>Nucleic Acids Research</i> , 2011, 39, 6896-6907.	14.5	53
30	RNase R mutants elucidate the catalysis of structured RNA: RNA-binding domains select the RNAs targeted for degradation. <i>Biochemical Journal</i> , 2009, 423, 291-301.	3.7	52
31	Importance and key events of prokaryotic RNA decay: the ultimate fate of an RNA molecule. <i>Wiley Interdisciplinary Reviews RNA</i> , 2011, 2, 818-836.	6.4	52
32	Intracellular ribonucleases involved in transcript processing and decay: Precision tools for RNA. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 491-513.	1.9	52
33	RNase II levels change according to the growth conditions: characterization of <i>gmr</i> , a new <i>Escherichia coli</i> gene involved in the modulation of RNase II. <i>Molecular Microbiology</i> , 2001, 39, 1550-1561.	2.5	51
34	The role of the S1 domain in exoribonucleolytic activity: Substrate specificity and multimerization. <i>Rna</i> , 2007, 13, 317-327.	3.5	50
35	New targets for drug design: importance of <i>nsp14/nsp10</i> complex formation for the 3' 5' exoribonucleolytic activity on SARS-CoV-2. <i>FEBS Journal</i> , 2021, 288, 5130-5147.	4.7	48
36	Identification and developmental expression of a 5' 3' exoribonuclease from <i>Drosophila melanogaster</i> . <i>Mechanisms of Development</i> , 1998, 79, 51-55.	1.7	44

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37	A single mutation in <i>Escherichia coli</i> ribonuclease II inactivates the enzyme without affecting RNA binding. <i>FEBS Journal</i> , 2005, 272, 363-374.	4.7	44
38	New Insights into the Mechanism of RNA Degradation by Ribonuclease II. <i>Journal of Biological Chemistry</i> , 2008, 283, 13070-13076.	3.4	44
39	New molecular interactions broaden the functions of the RNA chaperone Hfq. <i>Current Genetics</i> , 2019, 65, 1313-1319.	1.7	43
40	<i>Pseudomonas putida</i> KT2440 is naturally endowed to withstand industrial-scale stress conditions. <i>Microbial Biotechnology</i> , 2020, 13, 1145-1161.	4.2	42
41	Regulating the regulators: How ribonucleases dictate the rules in the control of small non-coding RNAs. <i>RNA Biology</i> , 2008, 5, 230-243.	3.1	41
42	Bacterial Response to Oxidative Stress and RNA Oxidation. <i>Frontiers in Genetics</i> , 2021, 12, 821535.	2.3	41
43	The poly(A)-dependent degradation pathway of <i>rpsO</i> mRNA is primarily mediated by RNase R. <i>Rna</i> , 2009, 15, 316-326.	3.5	38
44	BolA Is Required for the Accurate Regulation of c-di-GMP, a Central Player in Biofilm Formation. <i>MBio</i> , 2017, 8, .	4.1	38
45	Post-transcriptional control of gene expression: effectors of mRNA decay. <i>Molecular Microbiology</i> , 2003, 49, 267-276.	2.5	37
46	The role of RNase R in trans-translation and ribosomal quality control. <i>Biochimie</i> , 2015, 114, 113-118.	2.6	37
47	SraL sRNA interaction regulates the terminator by preventing premature transcription termination of <i>rho</i> mRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3042-3051.	7.1	37
48	Determination of Key Residues for Catalysis and RNA Cleavage Specificity. <i>Journal of Biological Chemistry</i> , 2009, 284, 20486-20498.	3.4	34
49	Effect of the morphogen <i>bolA</i> on the permeability of the <i>Escherichia coli</i> outer membrane. <i>FEMS Microbiology Letters</i> , 2006, 260, 106-111.	1.8	33
50	The CR3 motif of Rrp44p is important for interaction with the core exosome and exosome function. <i>Nucleic Acids Research</i> , 2012, 40, 9298-9307.	14.5	33
51	An RpoS-dependent sRNA regulates the expression of a chaperone involved in protein folding. <i>Rna</i> , 2013, 19, 1253-1265.	3.5	32
52	The RNase II/RNB family of exoribonucleases: putting the "Dis"™ in disease. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013, 4, 607-615.	6.4	32
53	The Bacterial Protein Azurin Impairs Invasion and FAK/Src Signaling in P-Cadherin-Overexpressing Breast Cancer Cell Models. <i>PLoS ONE</i> , 2013, 8, e69023.	2.5	30
54	<i>Drosophila</i> <i>genetazman</i> , an orthologue of the yeast exosome component Rrp44p/Dis3, is differentially expressed during development. <i>Developmental Dynamics</i> , 2005, 232, 733-737.	1.8	29

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55	Characterization of the RNase R association with ribosomes. <i>BMC Microbiology</i> , 2014, 14, 34.	3.3	29
56	<i>Sinorhizobium meliloti</i> YbeY is an endoribonuclease with unprecedented catalytic features, acting as silencing enzyme in riboregulation. <i>Nucleic Acids Research</i> , 2017, 45, 1371-1391.	14.5	29
57	Small RNA Modules Confer Different Stabilities and Interact Differently with Multiple Targets. <i>PLoS ONE</i> , 2013, 8, e52866.	2.5	29
58	The importance of proteins of the RNase II/RNB-family in pathogenic bacteria. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 68.	3.9	28
59	The role of endoribonucleases in the regulation of RNase R. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 731-737.	2.1	27
60	BolA Affects Cell Growth, and Binds to the Promoters of Penicillin-Binding Proteins 5 and 6 and Regulates Their Expression. <i>Journal of Microbiology and Biotechnology</i> , 2011, 21, 243-251.	2.1	27
61	Adaptation to carbon starvation: RNase III ensures normal expression levels of <i>bolA1p</i> mRNA and <i>ŷfS</i> . <i>Biochimie</i> , 2006, 88, 341-346.	2.6	26
62	The 3'-5' exoribonuclease Dis3 regulates the expression of specific microRNAs in <i>Drosophila</i> wing imaginal discs. <i>RNA Biology</i> , 2015, 12, 728-741.	3.1	26
63	Inactivation of the decay pathway initiated at an internal site by RNase E promotes poly(A)-dependent degradation of the <i>rpsO</i> mRNA in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2003, 50, 1283-1294.	2.5	25
64	Surprises in the 3' end: <i>U</i> TM can decide too!. <i>FEBS Journal</i> , 2015, 282, 3489-3499.	4.7	25
65	Poly(A)-polymerase I links transcription with mRNA degradation via <i>ŷf S</i> proteolysis. <i>Molecular Microbiology</i> , 2006, 60, 177-188.	2.5	24
66	RNase II: The finer details of the <i>Modus operandi</i> of a molecular killer. <i>RNA Biology</i> , 2010, 7, 276-281.	3.1	24
67	Swapping the domains of exoribonucleases RNase II and RNase R: Conferring upon RNase II the ability to degrade ds RNA. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 1853-1867.	2.6	24
68	Breaking through the stress barrier: the role of BolA in Gram-negative survival. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 2559-2566.	3.6	24
69	Modulating Heterologous Gene Expression with Portable mRNA-Stabilizing 5'-UTR Sequences. <i>ACS Synthetic Biology</i> , 2018, 7, 2177-2188.	3.8	24
70	Major 3' 5' Exoribonucleases in the Metabolism of Coding and Non-coding RNA. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 159, 101-155.	1.7	23
71	Biochemical Characterization of the RNase II Family of Exoribonucleases from the Human Pathogens <i>Salmonella typhimurium</i> and <i>Streptococcus pneumoniae</i> . <i>Biochemistry</i> , 2009, 48, 11848-11857.	2.5	21
72	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.	3.3	21

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73	The RNase R from <i>Campylobacter jejuni</i> Has Unique Features and Is Involved in the First Steps of Infection. <i>Journal of Biological Chemistry</i> , 2014, 289, 27814-27824.	3.4	20
74	Investigation on the anaerobic propionate degradation by <i>Escherichia coli</i> K12. <i>Molecular Microbiology</i> , 2017, 103, 55-66.	2.5	20
75	Stress Response Protein BolA Influences Fitness and Promotes <i>Salmonella enterica</i> Serovar Typhimurium Virulence. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	20
76	<i>Escherichia coli</i> RNase II: characterization of the promoters involved in the transcription of <i>rnb</i> . <i>Microbiology (United Kingdom)</i> , 1996, 142, 367-375.	1.8	19
77	Ribonucleases, antisense RNAs and the control of bacterial plasmids. <i>Plasmid</i> , 2015, 78, 26-36.	1.4	18
78	Regulatory noncoding RNAs: functions and applications in health and disease. <i>FEBS Journal</i> , 2021, 288, 6308-6309.	4.7	18
79	The Two Weapons against Bacterial Biofilms: Detection and Treatment. <i>Antibiotics</i> , 2021, 10, 1482.	3.7	18
80	Analysis of the in vivo decay of the <i>Escherichia coli</i> dicistronic <i>pyrF-orfF</i> transcript: evidence for multiple degradation pathways 1 Edited by M. Yaniv. <i>Journal of Molecular Biology</i> , 1997, 268, 261-272.	4.2	17
81	Comparison of EMSA and SPR for the Characterization of RNA-RNase II Complexes. <i>Protein Journal</i> , 2010, 29, 394-397.	1.6	17
82	The acetate uptake transporter family motif α -NPAPLGL(M/S) β is essential for substrate uptake. <i>Fungal Genetics and Biology</i> , 2019, 122, 1-10.	2.1	17
83	Tailor-made sRNAs: a plasmid tool to control the expression of target mRNAs in <i>Pseudomonas putida</i> . <i>Plasmid</i> , 2020, 109, 102503.	1.4	17
84	Chapter 8 Characterizing Ribonucleases In Vitro. <i>Methods in Enzymology</i> , 2008, 447, 131-160.	1.0	16
85	PNPase is involved in the coordination of mRNA degradation and expression in stationary phase cells of <i>Escherichia coli</i> . <i>BMC Genomics</i> , 2018, 19, 848.	2.8	16
86	Biofilm Formation and Antibiotic Resistance in <i>Salmonella Typhimurium</i> Are Affected by Different Ribonucleases. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 8-12.	2.1	16
87	BolA affects cell growth, and binds to the promoters of penicillin-binding proteins 5 and 6 and regulates their expression. <i>Journal of Microbiology and Biotechnology</i> , 2011, 21, 243-51.	2.1	16
88	Characterization of the biochemical properties of <i>Campylobacter jejuni</i> RNase III. <i>Bioscience Reports</i> , 2013, 33, .	2.4	15
89	Characterization of the BolA Homolog IbaG: A New Gene Involved in Acid Resistance. <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 484-493.	2.1	15
90	The Role of Ribonucleases and sRNAs in the Virulence of Foodborne Pathogens. <i>Frontiers in Microbiology</i> , 2017, 8, 910.	3.5	14

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91	The rnb Gene of <i>Synechocystis</i> PCC6803 Encodes a RNA Hydrolase Displaying RNase II and Not RNase R Enzymatic Properties. <i>PLoS ONE</i> , 2012, 7, e32690.	2.5	13
92	Precise physical mapping of the <i>Escherichia coli</i> rnb gene, encoding ribonuclease II. <i>Molecular Genetics and Genomics</i> , 1995, 248, 242-246.	2.4	12
93	Effect of the increased stability of the penicillin amidase mRNA on the protein expression levels. <i>FEBS Letters</i> , 2005, 579, 5069-5073.	2.8	12
94	DIS3 isoforms vary in their endoribonuclease activity and are differentially expressed within haematological cancers. <i>Biochemical Journal</i> , 2018, 475, 2091-2105.	3.7	12
95	The Implication of mRNA Degradation Disorders on Human Disease: Focus on DIS3 and DIS3-Like Enzymes. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1157, 85-98.	1.6	12
96	Dis3L2 regulates cell proliferation and tissue growth through a conserved mechanism. <i>PLoS Genetics</i> , 2020, 16, e1009297.	3.5	12
97	A BofA-like morphogene from the alga <i>Chlamydomonas reinhardtii</i> changes morphology and induces biofilm formation in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2013, 339, 39-47.	1.8	11
98	A role for DIS3L2 over natural nonsense-mediated mRNA decay targets in human cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 664-671.	2.1	11
99	Pneumococcal RNase R globally impacts protein synthesis by regulating the amount of actively translating ribosomes. <i>RNA Biology</i> , 2019, 16, 211-219.	3.1	11
100	Hfq and RNase R Mediate rRNA Processing and Degradation in a Novel RNA Quality Control Process. <i>MBio</i> , 2020, 11, .	4.1	11
101	Modulating the RNA Processing and Decay by the Exosome: Altering Rrp44/Dis3 Activity and End-Product. <i>PLoS ONE</i> , 2013, 8, e76504.	2.5	11
102	The role of RNA regulators, quorum sensing and c-di-GMP in bacterial biofilm formation. <i>FEBS Open Bio</i> , 2023, 13, 975-991.	2.3	11
103	Expression, purification, crystallization and preliminary diffraction data characterization of <i>Escherichia coli</i> ribonuclease II (RNase II). <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 684-687.	0.7	10
104	A new target for an old regulator: H-NS represses transcription of bofA morphogene by direct binding to both promoters. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 50-55.	2.1	10
105	Two Residues in the Basic Region of the Yeast Transcription Factor Yap8 Are Crucial for Its DNA-Binding Specificity. <i>PLoS ONE</i> , 2013, 8, e83328.	2.5	10
106	The nsp15 Nuclease as a Good Target to Combat SARS-CoV-2: Mechanism of Action and Its Inactivation with FDA-Approved Drugs. <i>Microorganisms</i> , 2022, 10, 342.	3.6	10
107	<i>Sinorhizobium meliloti</i> RNase III: Catalytic Features and Impact on Symbiosis. <i>Frontiers in Genetics</i> , 2018, 9, 350.	2.3	9
108	Exoribonucleases as Modulators of Virulence in Pathogenic Bacteria. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 65.	3.9	8

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109	Reprogramming bacteria with RNA regulators. <i>Biochemical Society Transactions</i> , 2019, 47, 1279-1289.	3.4	8
110	Rossmann-fold motifs can confer multiple functions to metabolic enzymes: RNA binding and ribonuclease activity of a UDP-glucose dehydrogenase. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 218-224.	2.1	7
111	RNase R is associated in a functional complex with the RhpA DEAD-box RNA helicase in <i>Helicobacter pylori</i> . <i>Nucleic Acids Research</i> , 2021, 49, 5249-5264.	14.5	7
112	Prediction of novel non-coding RNAs relevant for the growth of <i>Pseudomonas putida</i> in a bioreactor. <i>Microbiology (United Kingdom)</i> , 2020, 166, 149-156.	1.8	7
113	A comparative analysis of the citrate permease P mRNA stability in <i>Lactococcus lactis</i> , <i>Bifidobacterium bifidum</i> and <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 1999, 172, 115-122.	1.8	6
114	The only exoribonuclease present in <i>Haloferax volcanii</i> has a unique response to temperature changes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1543-1552.	2.4	6
115	A new tool for cloning and gene expression in <i>Streptococcus pneumoniae</i> . <i>Plasmid</i> , 2013, 70, 247-253.	1.4	6
116	Biochemical characterization of <i>Campylobacter jejuni</i> PNPase, an exoribonuclease important for bacterial pathogenicity. <i>Biochimie</i> , 2018, 147, 70-79.	2.6	6
117	Phosphorylation status of BolA affects its role in transcription and biofilm development. <i>FEBS Journal</i> , 2021, 288, 961-979.	4.7	6
118	A new role for RNase II in mRNA decay: Striking differences between RNase II mutants and similarities with a strain deficient in RNase E. <i>FEMS Microbiology Letters</i> , 1996, 145, 315-324.	1.8	5
119	Ribonucleases control distinct traits of <i>Pseudomonas putida</i> lifestyle. <i>Environmental Microbiology</i> , 2021, 23, 174-189.	3.8	5
120	RNase R, a New Virulence Determinant of <i>Streptococcus pneumoniae</i> . <i>Microorganisms</i> , 2022, 10, 317.	3.6	5
121	<i>Burkholderia cenocepacia</i> K56 trimeric autotransporter adhesin BcaA binds TNFR1 and contributes to induce airway inflammation. <i>Cellular Microbiology</i> , 2017, 19, e12677.	2.1	4
122	Defining the impact of exoribonucleases in the shift between exponential and stationary phases. <i>Scientific Reports</i> , 2019, 9, 16271.	3.3	4
123	The world of ribonucleases from pseudomonads: a short trip through the main features and singularities. <i>Microbial Biotechnology</i> , 2021, 14, 2316-2333.	4.2	4
124	Isolation and Analysis of Bacterial Ribosomes Through Sucrose Gradient Ultracentrifugation. <i>Methods in Molecular Biology</i> , 2020, 2106, 299-310.	0.9	4
125	Degradation products of the cytochrome C3 mRNA are similar in <i>Desulfovibrio vulgaris</i> Hildenborough and <i>Escherichia coli</i> . <i>Gene</i> , 1996, 177, 223-228.	2.2	3
126	Characterizing the Role of Exoribonucleases in the Control of Microbial Gene Expression: Differential RNA-Seq. <i>Methods in Enzymology</i> , 2018, 612, 1-24.	1.0	3

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127	NMR-Metabolomics Shows That BolA Is an Important Modulator of Salmonella Typhimurium Metabolic Processes under Virulence Conditions. <i>Metabolites</i> , 2019, 9, 243.	2.9	2
128	Identification of temperature-sensitive mutations and characterization of thermolabile RNase II variants. <i>FEBS Letters</i> , 2019, 593, 352-360.	2.8	2
129	Experimental supporting data on DIS3L2 over nonsense-mediated mRNA decay targets in human cells. <i>Data in Brief</i> , 2020, 28, 104943.	1.0	2
130	In silico prediction and expression profile analysis of small non-coding RNAs in <i>Herbaspirillum seropedicae</i> SmR1. <i>BMC Genomics</i> , 2020, 21, 134.	2.8	2
131	The Bacterial Counterparts of the Eukaryotic Exosome: An Evolutionary Perspective. <i>Methods in Molecular Biology</i> , 2020, 2062, 37-46.	0.9	2
132	Editorial overview: Cell regulation: Microbial cell regulation—looking in from the outside. <i>Current Opinion in Microbiology</i> , 2014, 18, v-vii.	5.1	1
133	A precision RNA degradation machinery shapes stem cell development. <i>Journal of Cell Biology</i> , 2019, 218, 2437-2438.	5.2	1
134	Post-Transcriptional Control in the Regulation of Polyhydroxyalkanoates Synthesis. <i>Life</i> , 2021, 11, 853.	2.4	1
135	Construction and characterization of an absolute deletion mutant of <i>Escherichia coli</i> ribonuclease II. <i>FEMS Microbiology Letters</i> , 1995, 127, 187-193.	1.8	1
136	A new role for RNase II in mRNA decay: Striking differences between RNase II mutants and similarities with a strain deficient in RNase E. <i>FEMS Microbiology Letters</i> , 1996, 145, 315-324.	1.8	1
137	How hydrolytic exoribonucleases impact human disease: Two sides of the same story. <i>FEBS Open Bio</i> , 2023, 13, 957-974.	2.3	1
138	Preface. <i>Methods in Enzymology</i> , 2008, 447, xxiii-xxiv.	1.0	0
139	Stories of the future: manipulating <i>scp</i> RNA and Intra/Interkingdom communication. <i>Microbial Biotechnology</i> , 2019, 12, 48-50.	4.2	0
140	In Vitro Characterization of the Prokaryotic Counterparts of the Exosome Complex. <i>Methods in Molecular Biology</i> , 2020, 2062, 47-61.	0.9	0
141	RNA Structure Analysis by Chemical Probing with DMS and CMCT. <i>Methods in Molecular Biology</i> , 2020, 2106, 209-223.	0.9	0