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List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,781
citations

430874

18
h-index

454955

30
g-index

40
all docs

40
docs citations

40
times ranked

1750
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress toward SHAPE Constrained Computational Prediction of Tertiary Interactions in RNA Structure. <i>Non-coding RNA</i> , 2021, 7, 71.	2.6	6
2	Conformational adaptation of UNCG loops upon crowding. <i>Rna</i> , 2019, 25, 1522-1531.	3.5	1
3	Accumulation of Stable Full-Length Circular Group I Intron RNAs during Heat-Shock. <i>Molecules</i> , 2016, 21, 1451.	3.8	8
4	Transfer RNA: From pioneering crystallographic studies to contemporary tRNA biology. <i>Archives of Biochemistry and Biophysics</i> , 2016, 602, 95-105.	3.0	14
5	Polyacrylamide Gel Electrophoresis for Purification of Large Amounts of RNA. <i>Methods in Molecular Biology</i> , 2016, 1320, 59-65.	0.9	7
6	A Moonlighting Human Protein Is Involved in Mitochondrial Import of tRNA. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9354-9367.	4.1	20
7	<i>RNA-Puzzles</i> Round II: assessment of RNA structure prediction programs applied to three large RNA structures. <i>Rna</i> , 2015, 21, 1066-1084.	3.5	161
8	Molecular characterization of a new member of the lariat capping twin-ribozyme introns. <i>Mobile DNA</i> , 2014, 5, 25.	3.6	14
9	Speciation of a group I intron into a lariat capping ribozyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7659-7664.	7.1	47
10	Cis-Acting 5â€™ Hammerhead Ribozyme Optimization for In Vitro Transcription of Highly Structured RNAs. <i>Methods in Molecular Biology</i> , 2014, 1086, 21-40.	0.9	11
11	The functional exchangeability of pk- and k-turns in RNA structure. <i>RNA Biology</i> , 2013, 10, 445-452.	3.1	9
12	Loop-loop interactions involved in antisense regulation are processed by the endoribonuclease III in <i>Staphylococcus aureus</i> . <i>RNA Biology</i> , 2012, 9, 1461-1472.	3.1	22
13	A structural module in RNase P expands the variety of RNA kinks. <i>RNA Biology</i> , 2012, 9, 254-260.	3.1	9
14	Synthesis of RNA by In Vitro Transcription. <i>Methods in Molecular Biology</i> , 2011, 703, 29-41.	0.9	114
15	Predicting and Modeling RNA Architecture. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a003632-a003632.	5.5	35
16	RNase P: At last, the key finds its lock. <i>Rna</i> , 2011, 17, 1615-1618.	3.5	7
17	Intermolecular interaction between a branching ribozyme and associated homing endonuclease mRNA. <i>Biological Chemistry</i> , 2011, 392, 491-9.	2.5	4
18	Exploring RNA structure by integrative molecular modelling. <i>New Biotechnology</i> , 2010, 27, 170-183.	4.4	20

#	ARTICLE	IF	CITATIONS
19	Staphylococcus aureus RNAlII Binds to Two Distant Regions of coa mRNA to Arrest Translation and Promote mRNA Degradation. PLoS Pathogens, 2010, 6, e1000809.	4.7	108
20	Over a Decade of Bacterial Ribonuclease P Modeling. , 2010, , 41-62.		1
21	Molecular modelling of the GIR1 branching ribozyme gives new insight into evolution of structurally related ribozymes. EMBO Journal, 2008, 27, 667-678.	7.8	28
22	Modeling tertiary structure of RNA. , 2005, , .		0
23	Crystal structures of complexes between aminoglycosides and decoding A site oligonucleotides: role of the number of rings and positive charges in the specific binding leading to miscoding. Nucleic Acids Research, 2005, 33, 5677-5690.	14.5	323
24	An Intricate RNA Structure with two tRNA-derived Motifs Directs Complex Formation between Yeast Aspartyl-tRNA Synthetase and its mRNA. Journal of Molecular Biology, 2005, 354, 614-629.	4.2	19
25	Architecture and folding mechanism of the Azoarcus Group I Pre-tRNA. Journal of Molecular Biology, 2004, 339, 41-51.	4.2	56
26	The modular structure of Escherichia coli threonyl-tRNA synthetase as both an enzyme and a regulator of gene expression. Molecular Microbiology, 2003, 47, 961-974.	2.5	30
27	Molecular Modeling of the Three-dimensional Structure of the Bacterial RNase P Holoenzyme. Journal of Molecular Biology, 2003, 325, 661-675.	4.2	105
28	Assembly of core helices and rapid tertiary folding of a small bacterial group I ribozyme. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1574-1579.	7.1	136
29	Monitoring intermediate folding states of the td group I intron in vivo. EMBO Journal, 2002, 21, 5281-5291.	7.8	41
30	A universal mode of helix packing in RNA. Nature Structural Biology, 2001, 8, 339-343.	9.7	228
31	Context dependent RNA-RNA recognition in a three-dimensional model of the 16S rRNA core. Bioorganic and Medicinal Chemistry, 1997, 5, 1021-1035.	3.0	15
32	RNA tectonics: towards RNA design. Folding & Design, 1996, 1, R78-R88.	4.5	166
33	Modeling the Architecture of Structured RNAs within a Modular and Hierarchical Framework. , 0, , 536-545.		4
34	Chapter 12. The GIR1 Branching Ribozyme. , 0, , 229-252.		3