

Bin Chen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

283
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

312
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple conformations of SAM-II riboswitch detected with SAXS and NMR spectroscopy. <i>Nucleic Acids Research</i> , 2012, 40, 3117-3130.	14.5	67
2	SAM-II Riboswitch Samples at least Two Conformations in Solution in the Absence of Ligand: Implications for Recognition. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2724-2727.	13.8	39
3	Ablation of Programmed ~ 1 Ribosomal Frameshifting in Venezuelan Equine Encephalitis Virus Results in Attenuated Neuropathogenicity. <i>Journal of Virology</i> , 2017, 91, .	3.4	38
4	Chemo-Enzymatic Synthesis of Selectively $^{13}\text{C}/^{15}\text{N}$ -Labeled RNA for NMR Structural and Dynamics Studies. <i>Methods in Enzymology</i> , 2014, 549, 133-162.	1.0	30
5	Solution NMR readily reveals distinct structural folds and interactions in doubly ^{13}C - and ^{19}F -labeled RNAs. <i>Science Advances</i> , 2020, 6, .	10.3	29
6	A magnesium-induced triplex pre-organizes the SAM-II riboswitch. <i>PLoS Computational Biology</i> , 2017, 13, e1005406.	3.2	24
7	Selective ^{13}C labeling of nucleotides for large RNA NMR spectroscopy using an <i>E. coli</i> strain disabled in the TCA cycle. <i>Journal of Biomolecular NMR</i> , 2010, 48, 179-192.	2.8	23
8	CCR 5 RNA Pseudoknots: Residue and Site-Specific Labeling correlate Internal Motions with microRNA Binding. <i>Chemistry - A European Journal</i> , 2018, 24, 5462-5468.	3.3	12
9	Modulation of Conformational Equilibria in the <i>S</i> -Adenosylmethionine (SAM) II Riboswitch by SAM, Mg^{2+} , and Trimethylamine <i>N</i> -Oxide. <i>Biochemistry</i> , 2016, 55, 5010-5020.	2.5	10
10	SAM-II Riboswitch Samples at least Two Conformations in Solution in the Absence of Ligand: Implications for Recognition. <i>Angewandte Chemie</i> , 2016, 128, 2774-2777.	2.0	6
11	Chemo-enzymatic synthesis of ^{13}C - and ^{19}F -labeled uridine-5'-triphosphate for RNA NMR probing. <i>Monatshefte für Chemie</i> , 2021, 152, 441-447.	1.8	5