Bin Chen

List of Publications by Year
in descending order

11	283	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemo-enzymatic synthesis of 13C- and 19F-labeled uridine-5â€²-triphosphate for RNA NMR probing. Monatshefte FÃ¼r Chemie, 2021, 152, 441-447.	1.8	5
2	Solution NMR readily reveals distinct structural folds and interactions in doubly ¹³ C- and ¹⁹ F-labeled RNAs. Science Advances, 2020, 6, .	10.3	29
3	CCR 5 RNA Pseudoknots: Residue and Siteâ€Specific Labeling correlate Internal Motions with microRNA Binding. Chemistry - A European Journal, 2018, 24, 5462-5468.	3.3	12
4	Ablation of Programmed â^'1 Ribosomal Frameshifting in Venezuelan Equine Encephalitis Virus Results in Attenuated Neuropathogenicity. Journal of Virology, 2017, 91, .	3.4	38
5	A magnesium-induced triplex pre-organizes the SAM-II riboswitch. PLoS Computational Biology, 2017, 13, e1005406.	3.2	24
6	SAMâ€II Riboswitch Samples at least Two Conformations in Solution in the Absence of Ligand: Implications for Recognition. Angewandte Chemie, 2016, 128, 2774-2777.	2.0	6
7	Modulation of Conformational Equilibria in the S-Adenosylmethionine (SAM) II Riboswitch by SAM, Mg²⁺, and Trimethylamine N-Oxide. Biochemistry, 2016, 55, 5010-5020.	2.5	10
8	SAMâ€II Riboswitch Samples at least Two Conformations in Solution in the Absence of Ligand: Implications for Recognition. Angewandte Chemie - International Edition, 2016, 55, 2724-2727.	13.8	39
9	Chemo-Enzymatic Synthesis of Selectively 13C/15N-Labeled RNA for NMR Structural and Dynamics Studies. Methods in Enzymology, 2014, 549, 133-162.	1.0	30
10	Multiple conformations of SAM-II riboswitch detected with SAXS and NMR spectroscopy. Nucleic Acids Research, 2012, 40, 3117-3130.	14.5	67
11	Selective 13C labeling of nucleotides for large RNA NMR spectroscopy using an E. coli strain disabled in the TCA cycle. Journal of Biomolecular NMR, 2010, 48, 179-192.	2.8	23