

# Siqi Tian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/321555/publications.pdf>

Version: 2024-02-01

15  
papers

1,101  
citations

687363

13  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1469  
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA regulons in Hox 5â€™ UTRs confer ribosome specificity to gene regulation. <i>Nature</i> , 2015, 517, 33-38.	27.8	258
2	<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
3	RNA-Puzzles Round III: 3D RNA structure prediction of five riboswitches and one ribozyme. <i>Rna</i> , 2017, 23, 655-672.	3.5	158
4	RNA-Puzzles Round IV: 3D structure predictions of four ribozymes and two aptamers. <i>Rna</i> , 2020, 26, 982-995.	3.5	100
5	An Activity Switch in Human Telomerase Based on RNA Conformation and Shaped by TCAB1. <i>Cell</i> , 2018, 174, 218-230.e13.	28.9	64
6	Standardization of RNA Chemical Mapping Experiments. <i>Biochemistry</i> , 2014, 53, 3063-3065.	2.5	63
7	Consistent global structures of complex RNA states through multidimensional chemical mapping. <i>ELife</i> , 2015, 4, e07600.	6.0	57
8	High-throughput mutate-map-rescue evaluates SHAPE-directed RNA structure and uncovers excited states. <i>Rna</i> , 2014, 20, 1815-1826.	3.5	55
9	RNA structure through multidimensional chemical mapping. <i>Quarterly Reviews of Biophysics</i> , 2016, 49, e7.	5.7	46
10	Primerize: automated primer assembly for transcribing non-coding RNA domains. <i>Nucleic Acids Research</i> , 2015, 43, W522-W526.	14.5	41
11	Primerize-2D: automated primer design for RNA multidimensional chemical mapping. <i>Bioinformatics</i> , 2017, 33, 1405-1406.	4.1	22
12	Automated band annotation for RNA structure probing experiments with numerous capillary electrophoresis profiles. <i>Bioinformatics</i> , 2015, 31, 2808-2815.	4.1	21
13	Ribosome-induced RNA conformational changes in a viral 3â€™-UTR sense and regulate translation levels. <i>Nature Communications</i> , 2018, 9, 5074.	12.8	19
14	Updates to the RNA mapping database (RMDB), version 2. <i>Nucleic Acids Research</i> , 2018, 46, D375-D379.	14.5	19
15	Allosteric mechanism of the <i>V. vulnificus</i> adenine riboswitch resolved by four-dimensional chemical mapping. <i>ELife</i> , 2018, 7, .	6.0	16