

Stefan Hammer

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

4,164
citations

933264

10
h-index

1125617

13
g-index

15
all docs

15
docs citations

15
times ranked

7071
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligand-dependent tRNA processing by a rationally designed RNase P riboswitch. <i>Nucleic Acids Research</i> , 2021, 49, 1784-1800.	6.5	4
2	Evolving methods for rational de novo design of functional RNA molecules. <i>Methods</i> , 2019, 161, 54-63.	1.9	6
3	Fixed-parameter tractable sampling for RNA design with multiple target structures. <i>BMC Bioinformatics</i> , 2019, 20, 209.	1.2	13
4	Efficient computation of co-transcriptional RNA-ligand interaction dynamics. <i>Methods</i> , 2018, 143, 70-76.	1.9	13
5	In silico design of ligand triggered RNA switches. <i>Methods</i> , 2018, 143, 90-101.	1.9	14
6	RNAblueprint: flexible multiple target nucleic acid sequence design. <i>Bioinformatics</i> , 2017, 33, 2850-2858.	1.8	17
7	Thermodynamic and Kinetic Folding of Riboswitches. <i>Methods in Enzymology</i> , 2015, 553, 193-213.	0.4	19
8	Computational design of RNAs with complex energy landscapes. <i>Biopolymers</i> , 2013, 99, n/a-n/a.	1.2	27
9	ViennaRNA Package 2.0. <i>Algorithms for Molecular Biology</i> , 2011, 6, 26.	0.3	3,719
10	BarMap: RNA folding on dynamic energy landscapes. <i>Rna</i> , 2010, 16, 1308-1316.	1.6	53
11	Beyond energy minimization: approaches to the kinetic folding of RNA. <i>Monatshefte für Chemie</i> , 2008, 139, 447-457.	0.9	49
12	Efficient computation of RNA folding dynamics. <i>Journal of Physics A</i> , 2004, 37, 4731-4741.	1.6	99
13	Barrier Trees of Degenerate Landscapes. <i>Zeitschrift für Physikalische Chemie</i> , 2002, 216, .	1.4	130