

Stefan Hammer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2738003/publications.pdf>

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