Maciej Antczak

List of Publications by Year
in descending order

24 papers	1,455 citations	687363 13 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	1603 citing authors

#	Article	IF	Citations
1	Evaluation of the stereochemical quality of predicted RNA 3D models in the RNA-Puzzles submissions. Rna, 2022, 28, 250-262.	3.5	12
2	RNAspider: a webserver to analyze entanglements in RNA 3D structures. Nucleic Acids Research, 2022, 50, W663-W669.	14.5	6
3	RNAsolo: a repository of cleaned PDB-derived RNA 3D structures. Bioinformatics, 2022, 38, 3668-3670.	4.1	13
4	RNAloops: a database of RNA multiloops. Bioinformatics, 2022, 38, 4200-4205.	4.1	8
5	Entanglements of structure elements revealed in RNA 3D models. Nucleic Acids Research, 2021, 49, 9625-9632.	14.5	13
6	RNA-Puzzles toolkit: a computational resource of RNA 3D structure benchmark datasets, structure manipulation, and evaluation tools. Nucleic Acids Research, 2020, 48, 576-588.	14.5	44
7	RNA-Puzzles Round IV: 3D structure predictions of four ribozymes and two aptamers. Rna, 2020, 26, 982-995.	3.5	100
8	A Survey on Online Judge Systems and Their Applications. ACM Computing Surveys, 2019, 51, 1-34.	23.0	99
9	RNAvista: a webserver to assess RNA secondary structures with non-canonical base pairs. Bioinformatics, 2019, 35, 152-155.	4.1	11
10	New algorithms to represent complex pseudoknotted RNA structures in dot-bracket notation. Bioinformatics, 2018, 34, 1304-1312.	4.1	29
11	RNApdbee 2.0: multifunctional tool for RNA structure annotation. Nucleic Acids Research, 2018, 46, W30-W35.	14.5	81
12	RNAfitme: a webserver for modeling nucleobase and nucleoside residue conformation in fixed-backbone RNA structures. BMC Bioinformatics, 2018, 19, 304.	2.6	12
13	RNA-Puzzles Round III: 3D RNA structure prediction of five riboswitches and one ribozyme. Rna, 2017, 23, 655-672.	3.5	158
14	New functionality of RNAComposer: application to shape the axis of miR160 precursor structure. Acta Biochimica Polonica, 2017, 63, 737-744.	0.5	112
15	High-order statistical compressor for long-term storage of DNA sequencing data. RAIRO - Operations Research, 2016, 50, 351-361.	1.8	2
16	Optil.io: Cloud Based Platform For Solving Optimization Problems Using Crowdsourcing Approach. , 2016, , .		7
17	Structural alignment of protein descriptors â€" a combinatorial model. BMC Bioinformatics, 2016, 17, 383.	2.6	4
18	New in silico approach to assessing RNA secondary structures with non-canonical base pairs. BMC Bioinformatics, 2015, 16, 276.	2.6	31

#	Article	IF	Citations
19	RNAssessâ€"a web server for quality assessment of RNA 3D structures. Nucleic Acids Research, 2015, 43, W502-W506.	14.5	24
20	Building the library of RNA 3D nucleotide conformations using the clustering approach. International Journal of Applied Mathematics and Computer Science, 2015, 25, 689-700.	1.5	6
21	Automated 3D RNA Structure Prediction Using the RNAComposer Method for Riboswitches1. Methods in Enzymology, 2015, 553, 3-34.	1.0	34
22	RNApdbeeâ€"a webserver to derive secondary structures from pdb files of knotted and unknotted RNAs. Nucleic Acids Research, 2014, 42, W368-W372.	14.5	61
23	RNAlyzerâ€"novel approach for quality analysis of RNA structural models. Nucleic Acids Research, 2013, 41, 5978-5990.	14.5	22
24	Automated 3D structure composition for large RNAs. Nucleic Acids Research, 2012, 40, e112-e112.	14.5	564