

# Anton I Petrov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1090874/publications.pdf>

Version: 2024-02-01

24  
papers

3,129  
citations

430874

18  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

5211  
citing authors

#	ARTICLE	IF	CITATIONS
1	The European Bioinformatics Institute (EMBL-EBI) in 2021. <i>Nucleic Acids Research</i> , 2022, 50, D11-D19.	14.5	34
2	Computational strategies to combat COVID-19: useful tools to accelerate SARS-CoV-2 and coronavirus research. <i>Briefings in Bioinformatics</i> , 2021, 22, 642-663.	6.5	110
3	RNAcentral 2021: secondary structure integration, improved sequence search and new member databases. <i>Nucleic Acids Research</i> , 2021, 49, D212-D220.	14.5	160
4	Rfam 14: expanded coverage of metagenomic, viral and microRNA families. <i>Nucleic Acids Research</i> , 2021, 49, D192-D200.	14.5	475
5	Neocles B. Leontis (1955–2020). <i>Rna</i> , 2021, 27, vii-viii.	3.5	1
6	R2DT is a framework for predicting and visualising RNA secondary structure using templates. <i>Nature Communications</i> , 2021, 12, 3494.	12.8	58
7	Exploring Non-coding RNAs in RNAcentral. <i>Current Protocols in Bioinformatics</i> , 2020, 71, e104.	25.8	6
8	RNAcentral: a hub of information for non-coding RNA sequences. <i>Nucleic Acids Research</i> , 2019, 47, D221-D229.	14.5	153
9	Rfam 13.0: shifting to a genome-centric resource for non-coding RNA families. <i>Nucleic Acids Research</i> , 2018, 46, D335-D342.	14.5	819
10	Non-coding RNA Analysis Using the Rfam Database. <i>Current Protocols in Bioinformatics</i> , 2018, 62, e51.	25.8	309
11	RNAcentral: a comprehensive database of non-coding RNA sequences. <i>Nucleic Acids Research</i> , 2017, 45, D128-D134.	14.5	174
12	JAR3D Webserver: Scoring and aligning RNA loop sequences to known 3D motifs. <i>Nucleic Acids Research</i> , 2016, 44, W320-W327.	14.5	20
13	R3D-2-MSA: the RNA 3D structure-to-multiple sequence alignment server. <i>Nucleic Acids Research</i> , 2015, 43, W15-W23.	14.5	4
14	Identifying novel sequence variants of RNA 3D motifs. <i>Nucleic Acids Research</i> , 2015, 43, 7504-7520.	14.5	43
15	RNAcentral: an international database of ncRNA sequences. <i>Nucleic Acids Research</i> , 2015, 43, D123-D129.	14.5	103
16	The Nucleic Acid Database: new features and capabilities. <i>Nucleic Acids Research</i> , 2014, 42, D114-D122.	14.5	194
17	Automated classification of RNA 3D motifs and the RNA 3D Motif Atlas. <i>Rna</i> , 2013, 19, 1327-1340.	3.5	131
18	R3D Align web server for global nucleotide to nucleotide alignments of RNA 3D structures. <i>Nucleic Acids Research</i> , 2013, 41, W15-W21.	14.5	12

#	ARTICLE	IF	CITATIONS
19	15. Analyzing, searching, and annotating recurrent RNA three-dimensional motifs. , 2013, , 363-398.		2
20	Comprehensive survey and geometric classification of base triples in RNA structures. Nucleic Acids Research, 2012, 40, 1407-1423.	14.5	79
21	WebFR3D—a server for finding, aligning and analyzing recurrent RNA 3D motifs. Nucleic Acids Research, 2011, 39, W50-W55.	14.5	54
22	A Three-Dimensional RNA Motif in <i>Potato spindle tuber viroid</i> Mediates Trafficking from Palisade Mesophyll to Spongy Mesophyll in <i>Nicotiana benthamiana</i> . Plant Cell, 2011, 23, 258-272.	6.6	69
23	Quantum Chemical Studies of Nucleic Acids: Can We Construct a Bridge to the RNA Structural Biology and Bioinformatics Communities?. Journal of Physical Chemistry B, 2010, 114, 15723-15741.	2.6	57
24	Understanding Sequence Variability of RNA Motifs Using Geometric Search and IsoDiscrepancy Matrices. , 2009, , .		1