

Ryan John Andrews

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

545
citations

840776

11
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

614
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction and analysis of functional RNA structures within the integrative genomics viewer. <i>NAR Genomics and Bioinformatics</i> , 2022, 4, lqab127.	3.2	5
2	Analyses of human cancer driver genes uncovers evolutionarily conserved RNA structural elements involved in posttranscriptional control. <i>PLoS ONE</i> , 2022, 17, e0264025.	2.5	4
3	A map of the SARS-CoV-2 RNA structurome. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab043.	3.2	49
4	Mapping the RNA structural landscape of viral genomes. <i>Methods</i> , 2020, 183, 57-67.	3.8	23
5	Translation of the intrinsically disordered protein α -synuclein is inhibited by a small molecule targeting its structured mRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1457-1467.	7.1	69
6	Targeting the SARS-CoV-2 RNA Genome with Small Molecule Binders and Ribonuclease Targeting Chimera (RIBOTAC) Degraders. <i>ACS Central Science</i> , 2020, 6, 1713-1721.	11.3	135
7	Structure-Specific Cleavage of an RNA Repeat Expansion with a Dimeric Small Molecule Is Advantageous over Sequence-Specific Recognition by an Oligonucleotide. <i>ACS Chemical Biology</i> , 2020, 15, 485-493.	3.4	17
8	Design of small molecules targeting RNA structure from sequence. <i>Chemical Society Reviews</i> , 2020, 49, 7252-7270.	38.1	38
9	<i>Plasmodium falciparum</i> translational machinery condones polyadenosine repeats. <i>ELife</i> , 2020, 9, .	6.0	22
10	A survey of RNA secondary structural propensity encoded within human herpesvirus genomes: global comparisons and local motifs. <i>PeerJ</i> , 2020, 8, e9882.	2.0	10
11	Crowder-Induced Conformational Ensemble Shift in <i>Escherichia coli</i> Prolyl-tRNA Synthetase. <i>Biophysical Journal</i> , 2019, 117, 1269-1284.	0.5	12
12	RNA structural analysis of the MYC mRNA reveals conserved motifs that affect gene expression. <i>PLoS ONE</i> , 2019, 14, e0213758.	2.5	15
13	Computational approaches for the discovery of splicing regulatory RNA structures. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 194380.	1.9	10
14	ScanFold: an approach for genome-wide discovery of local RNA structural elements—applications to Zika virus and HIV. <i>PeerJ</i> , 2018, 6, e6136.	2.0	60
15	RNAstructuromeDB: A genome-wide database for RNA structural inference. <i>Scientific Reports</i> , 2017, 7, 17269.	3.3	34