

Travis Hurst

List of Publications by Year in descending order

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7
papers

94
citations

1937685

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1720034

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g-index

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all docs

7
docs citations

7
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Sieving RNA 3D Structures with SHAPE and Evaluating Mechanisms Driving Sequence-Dependent Reactivity Bias. <i>Journal of Physical Chemistry B</i> , 2021, 125, 1156-1166.	2.6	6
2	Deciphering nucleotide modification-induced structure and stability changes. <i>RNA Biology</i> , 2021, 18, 1920-1930.	3.1	12
3	SHAPER: A Web Server for Fast and Accurate SHAPE Reactivity Prediction. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 721955.	3.5	5
4	A Bayes-inspired theory for optimally building an efficient coarse-grained folding force field. <i>Communications in Information and Systems</i> , 2021, 21, 65-83.	0.5	3
5	Unified energetics analysis unravels SpCas9 cleavage activity for optimal gRNA design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8693-8698.	7.1	46
6	Analytical modeling and deep learning approaches to estimating RNA SHAPE reactivity from 3D structure. <i>Communications in Information and Systems</i> , 2019, 19, 299-319.	0.5	2
7	Quantitative Understanding of SHAPE Mechanism from RNA Structure and Dynamics Analysis. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4771-4783.	2.6	20