

# Travis Hurst

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5647515/publications.pdf>

Version: 2024-02-01

7  
papers

94  
citations

1937685

4  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

133  
citing authors

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