

Hala Abou Assi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

875
citations

840776

11
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

1048
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring thermodynamic preferences to form non-native conformations in nucleic acids using ultraviolet melting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	8
2	Rapid and accurate determination of atomistic RNA dynamic ensemble models using NMR and structure prediction. <i>Nature Communications</i> , 2020, 11, 5531.	12.8	52
3	2â€²-O-Methylation can increase the abundance and lifetime of alternative RNA conformational states. <i>Nucleic Acids Research</i> , 2020, 48, 12365-12379.	14.5	59
4	A mechanism for the extension and unfolding of parallel telomeric G-quadruplexes by human telomerase at single-molecule resolution. <i>ELife</i> , 2020, 9, .	6.0	37
5	Modification of messenger RNA by 2â€²-O-methylation regulates gene expression in vivo. <i>Nature Communications</i> , 2019, 10, 3401.	12.8	134
6	Probing Synergistic Effects of DNA Methylation and 2â€²-Fluorination on i-Motif Stability. <i>Chemistry - A European Journal</i> , 2018, 24, 471-477.	3.3	16
7	i-Motif DNA: structural features and significance to cell biology. <i>Nucleic Acids Research</i> , 2018, 46, 8038-8056.	14.5	277
8	2â€²-Fluoroarabinonucleic acid modification traps G-quadruplex and i-motif structures in human telomeric DNA. <i>Nucleic Acids Research</i> , 2017, 45, 11535-11546.	14.5	28
9	Mapping the affinity landscape of Thrombin-binding aptamers on 2â€²F-ANA/DNA chimeric G-Quadruplex microarrays. <i>Nucleic Acids Research</i> , 2017, 45, gkw1357.	14.5	40
10	Stabilization of i-motif structures by 2â€²-fluorination of DNA. <i>Nucleic Acids Research</i> , 2016, 44, 4998-5009.	14.5	59
11	Synthesis, Structure, and Conformational Analysis of Nucleoside Analogues Comprising Six-Membered 1,3-Oxathiane Sugar Rings. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1945-1953.	2.4	2
12	Investigating the mechanism of clofibrac acid removal in Fe0/H2O systems. <i>Journal of Hazardous Materials</i> , 2010, 176, 48-55.	12.4	47
13	Aqueous removal of diclofenac by plated elemental iron: Bimetallic systems. <i>Journal of Hazardous Materials</i> , 2010, 182, 64-74.	12.4	103