Hala Abou Assi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7701899/publications.pdf

Version: 2024-02-01

13	875	840776 11	1058476 14
papers	citations	h-index	g-index

17	17	17	1048
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	i-Motif DNA: structural features and significance to cell biology. Nucleic Acids Research, 2018, 46, 8038-8056.	14.5	277
2	Modification of messenger RNA by 2â€²-O-methylation regulates gene expression in vivo. Nature Communications, 2019, 10, 3401.	12.8	134
3	Aqueous removal of diclofenac by plated elemental iron: Bimetallic systems. Journal of Hazardous Materials, 2010, 182, 64-74.	12.4	103
4	Stabilization of i-motif structures by 2â€²-Î²-fluorination of DNA. Nucleic Acids Research, 2016, 44, 4998-5009.	14.5	59
5	2â€²-O-Methylation can increase the abundance and lifetime of alternative RNA conformational states. Nucleic Acids Research, 2020, 48, 12365-12379.	14.5	59
6	Rapid and accurate determination of atomistic RNA dynamic ensemble models using NMR and structure prediction. Nature Communications, 2020, 11, 5531.	12.8	52
7	Investigating the mechanism of clofibric acid removal in Fe0/H2O systems. Journal of Hazardous Materials, 2010, 176, 48-55.	12.4	47
8	Mapping the affinity landscape of Thrombin-binding aptamers on 2â€²F-ANA/DNA chimeric G-Quadruplex microarrays. Nucleic Acids Research, 2017, 45, gkw1357.	14.5	40
9	A mechanism for the extension and unfolding of parallel telomeric G-quadruplexes by human telomerase at single-molecule resolution. ELife, 2020, 9, .	6.0	37
10	2â€²-Fluoroarabinonucleic acid modification traps G-quadruplex and i-motif structures in human telomeric DNA. Nucleic Acids Research, 2017, 45, 11535-11546.	14.5	28
11	Probing Synergistic Effects of DNA Methylation and 2â€²â€Î²â€Fluorination on iâ€Motif Stability. Chemistry - A European Journal, 2018, 24, 471-477.	3.3	16
12	Measuring thermodynamic preferences to form non-native conformations in nucleic acids using ultraviolet melting. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	8
13	Synthesis, Structure, and Conformational Analysis of Nucleoside Analogues Comprising Sixâ€Membered 1,3â€Oxathiane Sugar Rings. European Journal of Organic Chemistry, 2015, 2015, 1945-1953.	2.4	2