

Miguel GaravÃ-s

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,187
citations

840776

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h-index

1058476

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docs citations

15
times ranked

2645
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterochromatin protein 1 \pm interacts with parallel RNA and DNA G-quadruplexes. <i>Nucleic Acids Research</i> , 2020, 48, 682-693.	14.5	522
2	i-Motif DNA: structural features and significance to cell biology. <i>Nucleic Acids Research</i> , 2018, 46, 8038-8056.	14.5	277
3	Centromeric Alpha \pm Satellite DNA Adopts Dimeric i \pm Motif Structures Capped by AT Hoogsteen Base Pairs. <i>Chemistry - A European Journal</i> , 2015, 21, 9816-9824.	3.3	62
4	Discovery of Selective Ligands for Telomeric RNA G-quadruplexes (TERRA) through ¹⁹ F-NMR Based Fragment Screening. <i>ACS Chemical Biology</i> , 2014, 9, 1559-1566.	3.4	58
5	The structure of an endogenous <i>Drosophila</i> centromere reveals the prevalence of tandemly repeated sequences able to form i-motifs. <i>Scientific Reports</i> , 2015, 5, 13307.	3.3	58
6	On the Origin of the Eukaryotic Chromosome: The Role of Noncanonical DNA Structures in Telomere Evolution. <i>Genome Biology and Evolution</i> , 2013, 5, 1142-1150.	2.5	56
7	Understanding the effect of the nature of the nucleobase in the loops on the stability of the i-motif structure. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7997-8004.	2.8	41
8	A minimal i-motif stabilized by minor groove G:T:G:T tetrads. <i>Nucleic Acids Research</i> , 2012, 40, 11737-11747.	14.5	33
9	Sub1/PC4, a multifaceted factor: from transcription to genome stability. <i>Current Genetics</i> , 2017, 63, 1023-1035.	1.7	25
10	Mechanical unfolding of long human telomeric RNA (TERRA). <i>Chemical Communications</i> , 2013, 49, 6397.	4.1	23
11	Sub1 contacts the RNA polymerase II stalk to modulate mRNA synthesis. <i>Nucleic Acids Research</i> , 2017, 45, 2458-2471.	14.5	19
12	Detection of a G-Quadruplex as a Regulatory Element in Thymidylate synthase for Gene Silencing Using Polypurine Reverse Hoogsteen Hairpins. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5028.	4.1	7
13	NMR Characterization of Angiogenin Variants and tRNA ^{Ala} Products Impacting Aberrant Protein Oligomerization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1439.	4.1	3
14	Single-Stranded Condensation Stochastically Blocks G-Quadruplex Assembly in Human Telomeric RNA. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2498-2503.	4.6	2