

Anthony Bugaut

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,282
citations

393982

19
h-index

580395

25
g-index

27
all docs

27
docs citations

27
times ranked

3170
citing authors

#	ARTICLE	IF	CITATIONS
1	An RNA G-quadruplex in the 5' UTR of the NRAS proto-oncogene modulates translation. <i>Nature Chemical Biology</i> , 2007, 3, 218-221.	3.9	676
2	5'-UTR RNA G-quadruplexes: translation regulation and targeting. <i>Nucleic Acids Research</i> , 2012, 40, 4727-4741.	6.5	543
3	G-quadruplexes: the beginning and end of UTRs. <i>Nucleic Acids Research</i> , 2008, 36, 6260-6268.	6.5	367
4	A Sequence-Independent Study of the Influence of Short Loop Lengths on the Stability and Topology of Intramolecular DNA G-Quadruplexes. <i>Biochemistry</i> , 2008, 47, 689-697.	1.2	285
5	LIN-28 and the poly(U) polymerase PUP-2 regulate let-7 microRNA processing in <i>Caenorhabditis elegans</i> . <i>Nature Structural and Molecular Biology</i> , 2009, 16, 1016-1020.	3.6	224
6	A G-Rich Sequence within the <i>c-kit</i> Oncogene Promoter Forms a Parallel G-Quadruplex Having Asymmetric G-Tetrad Dynamics. <i>Journal of the American Chemical Society</i> , 2009, 131, 13399-13409.	6.6	195
7	The <i>BCL-2</i> 5' Untranslated Region Contains an RNA G-Quadruplex-Forming Motif That Modulates Protein Expression. <i>Biochemistry</i> , 2010, 49, 8300-8306.	1.2	134
8	A Sequence-Independent Analysis of the Loop Length Dependence of Intramolecular RNA G-Quadruplex Stability and Topology. <i>Biochemistry</i> , 2011, 50, 7251-7258.	1.2	115
9	Position and Stability Are Determining Factors for Translation Repression by an RNA G-Quadruplex-Forming Sequence within the 5' UTR of the <i>NRAS</i> Proto-oncogene. <i>Biochemistry</i> , 2008, 47, 12664-12669.	1.2	104
10	Exploring the Differential Recognition of DNA G-Quadruplex Targets by Small Molecules Using Dynamic Combinatorial Chemistry. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2677-2680.	7.2	101
11	Small molecule-mediated inhibition of translation by targeting a native RNA G-quadruplex. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2771.	1.5	101
12	An RNA Hairpin to G-Quadruplex Conformational Transition. <i>Journal of the American Chemical Society</i> , 2012, 134, 19953-19956.	6.6	80
13	Use of Dynamic Combinatorial Chemistry for the Identification of Covalently Appended Residues that Stabilize Oligonucleotide Complexes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3144-3147.	7.2	52
14	SELEX and dynamic combinatorial chemistry interplay for the selection of conjugated RNA aptamers. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 4082.	1.5	50
15	Distinct functions of maternal and somatic Pat1 protein paralogs. <i>Rna</i> , 2010, 16, 2094-2107.	1.6	50
16	A LIN28-Dependent Structural Change in pre-let-7g Directly Inhibits Dicer Processing. <i>Biochemistry</i> , 2011, 50, 7514-7521.	1.2	38
17	Understanding the stability of DNA G-quadruplex units in long human telomeric strands. <i>Biochimie</i> , 2015, 113, 125-133.	1.3	30
18	Target-induced selection of ligands from a dynamic combinatorial library of mono- and bi-conjugated oligonucleotides. <i>Tetrahedron Letters</i> , 2005, 46, 687-690.	0.7	25

#	ARTICLE	IF	CITATIONS
19	Binding properties of mono- and dimeric pyridine dicarboxamide ligands to human telomeric higher-order G-quadruplex structures. <i>Chemical Communications</i> , 2018, 54, 1897-1900.	2.2	19
20	Aptamers Targeting RNA Molecules. <i>Methods in Molecular Biology</i> , 2009, 535, 79-105.	0.4	17
21	Folding and persistence times of intramolecular G-quadruplexes transiently embedded in a DNA duplex. <i>Nucleic Acids Research</i> , 2021, 49, 5189-5201.	6.5	16
22	Investigating the Effect of Mono- and Dimeric 360A G-Quadruplex Ligands on Telomere Stability by Single Telomere Length Analysis (STELA). <i>Molecules</i> , 2019, 24, 577.	1.7	9
23	Semisynthesis of 7-Deoxytaxitaxel Derivatives Devoid of an Oxetane D-Ring, Starting from Taxine B. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 689-705.	1.2	8