

Natalia A Kolganova

List of Publications by Year in descending order

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times ranked

163
citing authors

#	ARTICLE	IF	CITATIONS
1	A Universal Base in a Specific Role: Tuning up a Thrombin Aptamer with 5-Nitroindole. <i>Scientific Reports</i> , 2015, 5, .	1.6	22
2	Targeting duplex DNA with chimeric $\hat{1}\hat{2}$ -triplex-forming oligonucleotides. <i>Nucleic Acids Research</i> , 2012, 40, 8175-8185.	6.5	20
3	Expanding the recognition interface of the thrombin-binding aptamer HD1 through modification of residues T3 and T12. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 863-871.	2.3	15
4	Anomeric DNA quadruplexes. <i>Artificial DNA, PNA & XNA</i> , 2014, 5, e28422.	1.4	13
5	Simple and Stereoselective Preparation of an 4-((Aminomethyl)-1,2,3-triazolyl Nucleoside Phosphoramidite. <i>Chemistry and Biodiversity</i> , 2011, 8, 568-576.	1.0	11
6	Oligodeoxynucleotides with extended zwitter-ionic internucleotide linkage. <i>Tetrahedron</i> , 2001, 57, 10287-10292.	1.0	7
7	Stabilizing Effect of 5-Nitroindole (Universal Base) on DNA Duplexes Immobilized on Gel Matrix. <i>Journal of Biomolecular Structure and Dynamics</i> , 1997, 15, 597-603.	2.0	5
8	Oligonucleotide Analogs with Peptide Internucleotide Linkages. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2011, 30, 31-48.	0.4	5
9	Mass-spectrometry analysis of modifications at DNA termini induced by DNA polymerases. <i>Scientific Reports</i> , 2017, 7, 6674.	1.6	5
10	Probing the Nitroindole-Modified Central Loop of Thrombin Aptamer HD1 as a Recognition Site. <i>Nucleic Acid Therapeutics</i> , 2019, 29, 208-217.	2.0	4
11	Mononucleotide repeat expansions with non-natural polymerase substrates. <i>Scientific Reports</i> , 2021, 11, 2423.	1.6	4
12	Recognition Interface of the Thrombin Binding Aptamer Requires Antiparallel Topology of the Quadruplex Core. <i>Biomolecules</i> , 2021, 11, 1332.	1.8	3
13	Anticoagulant Oligonucleotide-Peptide Conjugates: Identification of Thrombin Aptamer Conjugates with Improved Characteristics. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3820.	1.8	3
14	Title is missing!. <i>Molecular Biology</i> , 2002, 36, 124-130.	0.4	2
15	Bridge DNA amplification of cancer-associated genes on cross-linked agarose microbeads. <i>Mikrochimica Acta</i> , 2015, 182, 557-563.	2.5	2
16	Factors Affecting the Tailing of Blunt End DNA with Fluorescent Pyrimidine dNTPs. <i>Molecular Biotechnology</i> , 2018, 60, 879-886.	1.3	1
17	Folding topology, structural polymorphism, and dimerization of intramolecular DNA G-quadruplexes with inverted polarity strands and non-natural loops. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1972-1981.	3.6	1
18	Amino-Functionalized Oligonucleotides with Peptide Internucleotide Linkages. <i>Letters in Organic Chemistry</i> , 2012, 9, 106-113.	0.2	0