

Milena Sobczak

List of Publications by Year in descending order

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9
papers

149
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1307594

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#	ARTICLE	IF	CITATIONS
1	2-Thiouracil deprived of thiocarbonyl function preferentially base pairs with guanine rather than adenine in RNA and DNA duplexes. <i>Nucleic Acids Research</i> , 2015, 43, 2499-2512.	14.5	32
2	The 2-thiouridine unit in the RNA strand is desulfured predominantly to 4-pyrimidinone nucleoside under in vitro oxidative stress conditions. <i>Chemical Communications</i> , 2011, 47, 4914.	4.1	28
3	siRNAs Modified with Boron Cluster and Their Physicochemical and Biological Characterization. <i>Bioconjugate Chemistry</i> , 2013, 24, 1017-1026.	3.6	26
4	High Boron-loaded DNA-Oligomers as Potential Boron Neutron Capture Therapy and Antisense Oligonucleotide Dual-Action Anticancer Agents. <i>Molecules</i> , 2017, 22, 1393.	3.8	23
5	Versatile Method for the Site-Specific Modification of DNA with Boron Clusters: Anti-Epidermal Growth Factor Receptor (EGFR) Antisense Oligonucleotide Case. <i>Chemistry - A European Journal</i> , 2017, 23, 16535-16546.	3.3	18
6	Synthesis, crystallization and preliminary crystallographic analysis of a 52-nucleotide DNA/2'-OMe-RNA oligomer mimicking 10 ²³ DNAzyme in the complex with a substrate. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 292-301.	1.1	8
7	Cytochrome <i>c</i> Catalyzes the Hydrogen Peroxide-Assisted Oxidative Desulfuration of 2-Thiouridines in Transfer RNAs. <i>ChemBioChem</i> , 2018, 19, 687-695.	2.6	7
8	An efficient approach for conversion of 5-substituted 2-thiouridines built in RNA oligomers into corresponding desulfured 4-pyrimidinone products. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3100-3104.	2.2	4
9	Reaction of S-geranyl-2-thiouracil modified oligonucleotides with alkyl amines leads to the N2-alkyl isocytosine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5332-5336.	2.8	3