Nina G Dolinnaya

List of Publications by Year
in descending order

26 papers	461 citations	759233 12 h-index	713466 21 g-index
26 all docs	26 docs citations	26 times ranked	389 citing authors

#	Article	IF	Citations
1	Magic Peptide: Unique Properties of the LRR11 Peptide in the Activation of Leukotriene Synthesis in Human Neutrophils. International Journal of Molecular Sciences, 2021, 22, 2671.	4.1	3
2	Synthetic Hexanucleotides as a Tool to Overcome Excessive Neutrophil Activation Caused by CpG-Containing Oligonucleotides. Pathogens, 2021, 10, 530.	2.8	0
3	Impact of G-Quadruplexes on the Regulation of Genome Integrity, DNA Damage and Repair. Biomolecules, 2021, 11, 1284.	4.0	28
4	Responses of DNA Mismatch Repair Proteins to a Stable G-Quadruplex Embedded into a DNA Duplex Structure. International Journal of Molecular Sciences, 2020, 21, 8773.	4.1	12
5	Toward G-Quadruplex-Based Anticancer Agents: Biophysical and Biological Studies of Novel AS1411 Derivatives. International Journal of Molecular Sciences, 2020, 21, 7781.	4.1	12
6	The Potential of Telomeric G-Quadruplexes Containing Modified Oligoguanosine Overhangs in Activation of Bacterial Phagocytosis and Leukotriene Synthesis in Human Neutrophils. Biomolecules, 2020, 10, 249.	4.0	3
7	Synthetic Oligodeoxynucleotides in the Regulation of Leukotriene Synthesis in Human Neutrophils. FASEB Journal, 2020, 34, 1-1.	0.5	0
8	G-quadruplex-forming oligodeoxyribonucleotides activate leukotriene synthesis in human neutrophils. Journal of Biomolecular Structure and Dynamics, 2019, 37, 3649-3659.	3.5	5
9	Multi-targeted effects of G4-aptamers and their antiproliferative activity against cancer cells. Biochimie, 2018, 145, 163-173.	2.6	22
10	Transcription blockage by stable H-DNA analogs in vitro. Nucleic Acids Research, 2015, 43, 6994-7004.	14.5	28
11	Thymidine glycol: the effect on DNA molecular structure and enzymatic processing. Biochimie, 2013, 95, 134-147.	2.6	27
12	Comparative reactivity of mismatched and unpaired bases in relation to their type and surroundings. Chemical cleavage of DNA mismatches in mutation detection analysis. Biochimie, 2010, 92, 762-771.	2.6	3
13	Specific covalent binding of a NF-Î°B decoy hairpin oligonucleotide targeted to the p50 subunit and induction of apoptosis. FEBS Letters, 2003, 547, 115-118.	2.8	15
14	Conformational Polymorphism of d(A-G)n and Related Oligonucleotide Sequences. Progress in Molecular Biology and Translational Science, 2003, 75, 321-347.	1.9	5
15	New chemically reactive dsDNAs containing single internucleotide monophosphoryldithio links: reactivity of 5â€²-mercapto-oligodeoxyribonucleotides. Nucleic Acids Research, 2001, 29, 4062-4069.	14.5	19
16	Repairing the Sickle Cell Mutation. Journal of Biological Chemistry, 1999, 274, 21763-21768.	3.4	23
17	Hairpin-shaped DNA duplexes with disulfide bonds in sugar-phosphate backbone as potential DNA reagents for crosslinking with proteins. FEBS Letters, 1999, 444, 285-290.	2.8	16
18	Oligodeoxyribonucleotides with Internucleotidic or Terminal Phosphorothioate Groups: Different Pathways in the Reaction with Water-Soluble Carbodhmide. Nucleosides & Nucleotides, 1999, 18, 2711-2719.	0.5	2

#	Article	IF	Citations
19	Synthesis and Properties of Modified Oligodeoxyribonucleotides Containing 9-(2-Amino-2-deoxy-Î²-D-arabinofuranosyl)adenine. Nucleosides, Nucleotides and Nucleic Acids, 1998, 17, 425-440.	1.1	9
20	Construction of branched DNA (bDNA) molecules by chemical ligation. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 1011-1018.	2.2	6
21	Molecular and thermodynamic properties of d(A+-G)10, a single-stranded nucleic acid helix without paired or stacked bases. Biochemistry, 1993, 32, 10263-10270.	2.5	20
22	Oligonucleotide circularization by template-directed chemical ligation. Nucleic Acids Research, 1993, 21, 5403-5407.	14.5	78
23	Interaction of ribo- and deoxyriboanalogs of yeast tRNAPheanticodon arm with programmed small ribosomal subunits ofEscherichia coliand rabbit liver. Nucleic Acids Research, 1991, 19, 4199-4201.	14.5	10
24	Probing DNA triple helix structure by chemical ligation. FEBS Letters, 1991, 284, 232-234.	2.8	7
25	The use of BrCN for assembling modified DNA duplexes and DNA-RNA hybrids; comparison with water-soluble carbodiimide. Nucleic Acids Research, 1991, 19, 3067-3072.	14.5	81
26	Structural and kinetic aspects of chemical reactions in DNA duplexes. Information on DNA local structure obtained from chemical ligation data. Nucleic Acids Research, 1991, 19, 3073-3080.	14.5	27