

# Nina G Dolinnaya

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The use of BrCN for assembling modified DNA duplexes and DNA-RNA hybrids; comparison with water-soluble carbodiimide. <i>Nucleic Acids Research</i> , 1991, 19, 3067-3072.	14.5	81
2	Oligonucleotide circularization by template-directed chemical ligation. <i>Nucleic Acids Research</i> , 1993, 21, 5403-5407.	14.5	78
3	Transcription blockage by stable H-DNA analogs in vitro. <i>Nucleic Acids Research</i> , 2015, 43, 6994-7004.	14.5	28
4	Impact of G-Quadruplexes on the Regulation of Genome Integrity, DNA Damage and Repair. <i>Biomolecules</i> , 2021, 11, 1284.	4.0	28
5	Structural and kinetic aspects of chemical reactions in DNA duplexes. Information on DNA local structure obtained from chemical ligation data. <i>Nucleic Acids Research</i> , 1991, 19, 3073-3080.	14.5	27
6	Thymidine glycol: the effect on DNA molecular structure and enzymatic processing. <i>Biochimie</i> , 2013, 95, 134-147.	2.6	27
7	Repairing the Sickle Cell Mutation. <i>Journal of Biological Chemistry</i> , 1999, 274, 21763-21768.	3.4	23
8	Multi-targeted effects of G4-aptamers and their antiproliferative activity against cancer cells. <i>Biochimie</i> , 2018, 145, 163-173.	2.6	22
9	Molecular and thermodynamic properties of d(A+C) <sub>10</sub> , a single-stranded nucleic acid helix without paired or stacked bases. <i>Biochemistry</i> , 1993, 32, 10263-10270.	2.5	20
10	New chemically reactive dsDNAs containing single internucleotide monophosphoryldithio links: reactivity of 5'-mercapto-oligodeoxyribonucleotides. <i>Nucleic Acids Research</i> , 2001, 29, 4062-4069.	14.5	19
11	Hairpin-shaped DNA duplexes with disulfide bonds in sugar-phosphate backbone as potential DNA reagents for crosslinking with proteins. <i>FEBS Letters</i> , 1999, 444, 285-290.	2.8	16
12	Specific covalent binding of a NF- $\kappa$ B decoy hairpin oligonucleotide targeted to the p50 subunit and induction of apoptosis. <i>FEBS Letters</i> , 2003, 547, 115-118.	2.8	15
13	Responses of DNA Mismatch Repair Proteins to a Stable G-Quadruplex Embedded into a DNA Duplex Structure. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8773.	4.1	12
14	Toward G-Quadruplex-Based Anticancer Agents: Biophysical and Biological Studies of Novel AS1411 Derivatives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7781.	4.1	12
15	Interaction of ribo- and deoxyriboanalogs of yeast tRNA <sup>Phe</sup> anticodon arm with programmed small ribosomal subunits of <i>Escherichia coli</i> and rabbit liver. <i>Nucleic Acids Research</i> , 1991, 19, 4199-4201.	14.5	10
16	Synthesis and Properties of Modified Oligodeoxyribonucleotides Containing 9-(2-Amino-2-deoxy- $\beta$ -D-arabinofuranosyl)adenine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 1998, 17, 425-440.	1.1	9
17	Probing DNA triple helix structure by chemical ligation. <i>FEBS Letters</i> , 1991, 284, 232-234.	2.8	7
18	Construction of branched DNA (bDNA) molecules by chemical ligation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1994, 4, 1011-1018.	2.2	6

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19	Conformational Polymorphism of d(A-G) <sub>n</sub> and Related Oligonucleotide Sequences. <i>Progress in Molecular Biology and Translational Science</i> , 2003, 75, 321-347.	1.9	5
20	G-quadruplex-forming oligodeoxyribonucleotides activate leukotriene synthesis in human neutrophils. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3649-3659.	3.5	5
21	Comparative reactivity of mismatched and unpaired bases in relation to their type and surroundings. Chemical cleavage of DNA mismatches in mutation detection analysis. <i>Biochimie</i> , 2010, 92, 762-771.	2.6	3
22	The Potential of Telomeric G-Quadruplexes Containing Modified Oligoguanosine Overhangs in Activation of Bacterial Phagocytosis and Leukotriene Synthesis in Human Neutrophils. <i>Biomolecules</i> , 2020, 10, 249.	4.0	3
23	Magic Peptide: Unique Properties of the LRR11 Peptide in the Activation of Leukotriene Synthesis in Human Neutrophils. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2671.	4.1	3
24	Oligodeoxyribonucleotides with Internucleotidic or Terminal Phosphorothioate Groups: Different Pathways in the Reaction with Water-Soluble Carbodiimide. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 2711-2719.	0.5	2
25	Synthetic Hexanucleotides as a Tool to Overcome Excessive Neutrophil Activation Caused by CpG-Containing Oligonucleotides. <i>Pathogens</i> , 2021, 10, 530.	2.8	0
26	Synthetic Oligodeoxynucleotides in the Regulation of Leukotriene Synthesis in Human Neutrophils. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0