Gennaro Piccialli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3024089/publications.pdf

Version: 2024-02-01

		186265	315739
129	2,319	28	38
papers	citations	h-index	g-index

136	136	136	2071
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of an 8-bromodeoxyguanosine incorporation on the parallel quadruplex structure [d(TGGGT)]4. Organic and Biomolecular Chemistry, 2004, 2, 313.	2.8	73
2	Hydrolysis of oleuropein by recombinant Î²-glycosidase from hyperthermophilic archaeon Sulfolobus solfataricus immobilised on chitosan matrix. Journal of Biotechnology, 2000, 77, 275-286.	3.8	67
3	Aminosilane functionalizations of mesoporous oxidized silicon for oligonucleotide synthesis and detection. Journal of the Royal Society Interface, 2013, 10, 20130160.	3.4	60
4	Nucleoside Analogs and Nucleoside Precursors as Drugs in the Fight against SARS-CoV-2 and Other Coronaviruses. Molecules, 2021, 26, 986.	3.8	60
5	Label-Free Probing of G-Quadruplex Formation by Surface-Enhanced Raman Scattering. Analytical Chemistry, 2011, 83, 6849-6855.	6.5	56
6	Solid phase synthesis of oligosaccharides. Tetrahedron Letters, 1996, 37, 5007-5010.	1.4	51
7	Targeting G-Quadruplex Structure in the Human c-Kit Promoter with Short PNA Sequences. Bioconjugate Chemistry, 2011, 22, 654-663.	3.6	45
8	Exploitation of a Very Small Peptide Nucleic Acid as a New Inhibitor of miR-509-3p Involved in the Regulation of Cystic Fibrosis Disease-Gene Expression. BioMed Research International, 2014, 2014, 1-10.	1.9	45
9	Thermodynamics and Kinetics of PNAâ˜DNA Quadruplex-Forming Chimeras. Journal of the American Chemical Society, 2005, 127, 16215-16223.	13.7	44
10	d(CGGTGGT) forms an octameric parallel G-quadruplex via stacking of unusual G(:C):G(:C):G(:C):G(:C) octads. Nucleic Acids Research, 2011, 39, 7848-7857.	14.5	42
11	Investigating the Role of T₇ and T₁₂ Residues on the Biological Properties of Thrombin-Binding Aptamer: Enhancement of Anticoagulant Activity by a Single Nucleobase Modification. Journal of Medicinal Chemistry, 2012, 55, 10716-10728.	6.4	42
12	Tetra-end-linked oligonucleotides forming DNA G-quadruplexes: a new class of aptamers showing anti-HIV activity. Chemical Communications, 2010, 46, 8971.	4.1	39
13	Solid phase synthesis of a thrombin binding aptamer on macroporous silica for label free optical quantification of thrombin. RSC Advances, 2016, 6, 86762-86769.	3.6	39
14	A new ferrocenemethyl-thymidine nucleoside: Synthesis, incorporation into oligonucleotides and optical spectroscopic studies on the resulting single strand, duplex and triplex structures. Tetrahedron, 1999, 55, 14435-14450.	1.9	37
15	Synthesis of N-1 and ribose modified inosine analogues on solid support. Tetrahedron Letters, 2007, 48, 397-400.	1.4	34
16	Synthesis of 4-N-alkyl and ribose-modified AICAR analogues on solid support. Tetrahedron, 2008, 64, 6475-6481.	1.9	34
17	Synthesis and biological evaluation of unprecedented ring-expanded nucleosides (RENs) containing the imidazo[4,5-d][1,2,6]oxadiazepine ring system. Chemical Communications, 2012, 48, 9310.	4.1	33
18	Use of controlled pore glass in solid phase oligosaccharide synthesis. Application to the semiautomated synthesis of a glyconucleotide conjugate. Tetrahedron Letters, 1998, 39, 1953-1956.	1.4	32

#	Article	IF	Citations
19	A new solid-phase synthesis of oligonucleotides 3â€²-conjugated with peptides. Bioorganic and Medicinal Chemistry, 1999, 7, 395-400.	3.0	32
20	Solid phase synthesis of oligonucleotides tethered to oligo-glucose phosphate tails. Tetrahedron, 2002, 58, 6697-6704.	1.9	32
21	1-Substituted 2â€²-deoxyinosine analogues. Journal of the Chemical Society Perkin Transactions 1, 1997, , 2079-2082.	0.9	31
22	Solid phase glycosidation of oligonucleotides. Tetrahedron Letters, 1999, 40, 2607-2610.	1.4	31
23	Synthesis of quadruplexâ€forming tetraâ€endâ€linked oligonucleotides: Effects of the linker size on quadruplex topology and stability. Biopolymers, 2009, 91, 466-477.	2.4	31
24	Facile Solidâ€Phase Synthesis of AICAR 5â€²â€Monophosphate (ZMP) and Its 4â€Nâ€Alkyl Derivatives. European Journal of Organic Chemistry, 2010, 2010, 1517-1524.	2.4	31
25	New anti-HIV aptamers based on tetra-end-linked DNA G-quadruplexes: effect of the base sequence on anti-HIV activity. Chemical Communications, 2012, 48, 9516.	4.1	31
26	A solid-phase approach to the synthesis of N-1-alkyl analogues of cyclic inosine-diphosphate-ribose (cIDPR). Tetrahedron, 2010, 66, 1931-1936.	1.9	30
27	A Facile Synthesis of 5'-Fluoro-5'-deoxyacadesine (5'-F-AICAR): A Novel Non-phosphorylable AICAR Analogue. Molecules, 2012, 17, 13036-13044.	3.8	30
28	Synthesis of a novel N-1 carbocyclic, N-9 butyl analogue of cyclic ADP ribose (cADPR). Tetrahedron, 2002, 58, 363-368.	1.9	29
29	Synthesis and characterization of a bunchy oligonucleotide forming a monomolecular parallel quadruplex structure in solution. Tetrahedron Letters, 2004, 45, 4869-4872.	1.4	29
30	Peptide Nucleic Acids as miRNA Target Protectors for the Treatment of Cystic Fibrosis. Molecules, 2017, 22, 1144.	3.8	29
31	Identification of the Active Site Nucleophile in the Thermostable Î²-Glycosidase from the ArchaeonSulfolobus solfataricusExpressed inEscherichia coliâ€. Biochemistry, 1997, 36, 3068-3075.	2.5	28
32	Synthesis and Characterization of Monomolecular DNA G-Quadruplexes Formed by Tetra-End-Linked Oligonucleotides. Bioconjugate Chemistry, 2006, 17, 889-898.	3.6	28
33	PEG-Supported Synthesis of Cyclic Oligodeoxyribonucleotides. Nucleosides & Nucleotides, 1993, 12, 21-30.	0.5	27
34	Synthesis of [1-15N]-Labeled 2'-Deoxyinosine and 2'-Deoxyadenosine. Journal of Organic Chemistry, 1995, 60, 2251-2253.	3.2	27
35	Studies toward the Synthesis of Pinolidoxin, a Phytotoxic Nonenolide from the FungusAscochytapinodes. Determination of the Configuration at the C-7, C-8, and C-9 Chiral Centers and Stereoselective Synthesis of the C6â€™C18Fragment. Journal of Organic Chemistry, 2000, 65, 3432-3442.	3.2	27
36	G-Quadruplex-Forming Oligonucleotide Conjugated to Magnetic Nanoparticles: Synthesis, Characterization, and Enzymatic Stability Assays. Bioconjugate Chemistry, 2012, 23, 382-391.	3.6	27

#	Article	IF	Citations
37	Outstanding effects on antithrombin activity of modified TBA diastereomers containing an optically pure acyclic nucleotide analogue. Organic and Biomolecular Chemistry, 2014, 12, 5235-5242.	2.8	27
38	A polymer-nucleotide linkage useful for the solid phase synthesis of cyclic oligodeoxyribonucleotides. Tetrahedron, 1989, 45, 4523-4536.	1.9	25
39	Porous Silicon-Based Aptasensors: The Next Generation of Label-Free Devices for Health Monitoring. Molecules, 2019, 24, 2216.	3.8	25
40	Peptide Nucleic Acid-Functionalized Adenoviral Vectors Targeting G-Quadruplexes in the P1 Promoter of Bcl-2 Proto-Oncogene: A New Tool for Gene Modulation in Anticancer Therapy. Bioconjugate Chemistry, 2019, 30, 572-582.	3.6	25
41	Selfâ€Assembly of Gâ€Rich Oligonucleotides Incorporating a 3â€²â€“3â€² Inversion of Polarity Site: A New Route Towards Gâ€Wire DNA Nanostructures. ChemistryOpen, 2017, 6, 599-605.	1.9	24
42	Evaluation of an Analogue of the Marine Îµ-PLL Peptide as a Ligand of G-quadruplex DNA Structures. Marine Drugs, 2020, 18, 49.	4.6	24
43	In-water reactivity of nucleosides and nucleotides: one-step preparation and biological evaluation of novel ferrocenyl-derivatives. Tetrahedron, 2004, 60, 6555-6563.	1.9	23
44	Use of fast protein liquid chromatography for the purification of synthetic oligonucleotides. Journal of Chromatography A, 1985, 329, 406-414.	3.7	22
45	Automated solid phase synthesis of cyclic oligonucleotides: a further improvement. Bioorganic and Medicinal Chemistry, 1995, 3, 1325-1329.	3.0	22
46	Synthesis and characterization of DNA quadruplexes containing T-tetrads formed by bunch-oligonucleotides. Biopolymers, 2006, 81, 194-201.	2.4	22
47	Silver (I) N-Heterocyclic Carbene Complexes: A Winning and Broad Spectrum of Antimicrobial Properties. International Journal of Molecular Sciences, 2021, 22, 2497.	4.1	21
48	Synthesis and Triple Helix Formation by Alternate Strand Recognition of Oligonucleotides Containing 3â€˜-3â€˜ Phosphodiester Bonds. Journal of Organic Chemistry, 1997, 62, 9024-9030.	3.2	20
49	Solid-Phase Synthesis of a New Diphosphate 5-Aminoimidazole-4-carboxamide Riboside (AICAR) Derivative and Studies toward Cyclic AICAR Diphosphate Ribose. Molecules, 2011, 16, 8110-8118.	3.8	20
50	DNA-based nanostructures: The effect of the base sequence on octamer formation from d(XGGYGGT) tetramolecular G-quadruplexes. Biochimie, 2014, 99, 119-128.	2.6	20
51	Studies toward the Synthesis of Smenamide A, an Antiproliferative Metabolite from Smenospongia aurea: Total Synthesis of ent-Smenamide A and 16-epi-Smenamide A. ACS Omega, 2017, 2, 1477-1488.	3.5	19
52	Synthesis of novel pyrimidine nucleoside analogues. Journal of Heterocyclic Chemistry, 1986, 23, 1401-1403.	2.6	18
53	Probing the reactivity of nebularine N1-oxide. A novel approach to C-6 C-substituted purine nucleosides. Tetrahedron, 2011, 67, 6138-6144.	1.9	18
54	Screening Platform toward New Anti-HIV Aptamers Set on Molecular Docking and Fluorescence Quenching Techniques. Analytical Chemistry, 2016, 88, 2327-2334.	6.5	18

#	Article	IF	Citations
55	Design, Synthesis and Characterization of Novel Co-Polymers Decorated with Peptides for the Selective Nanoparticle Transport across the Cerebral Endothelium. Molecules, 2018, 23, 1655.	3.8	18
56	Synthesis, self-assembly-behavior and biomolecular recognition properties of thyminyl dipeptides. Arabian Journal of Chemistry, 2020, 13, 1966-1974.	4.9	18
57	Excess electron transfer in G-quadruplex. Chemical Communications, 2004, , 1756-1757.	4.1	17
58	Synthesis and characterization of new 3â€²-3â€² linked oligodeoxyribonucleotides for alternate strand triple helix formation. Tetrahedron, 1999, 55, 9899-9914.	1.9	16
59	New nucleoside based solid supports. Synthesis of 5â€²,3â€²-derivatized thymidine analoguesElectronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b1/b107200p/. Chemical Communications, 2001, , 2598-2599.	4.1	16
60	Solid phase synthesis of DNA-3â€²-PNA chimeras by using Bhoc/Fmoc PNA monomers. Tetrahedron, 2001, 57, 9481-9486.	1.9	16
61	Design, synthesis and biochemical investigation, by in vitro luciferase reporter system, of peptide nucleic acids as new inhibitors of miR-509-3p involved in the regulation of cystic fibrosis disease-gene expression. MedChemComm, 2014, 5, 68-71.	3.4	16
62	Anti-HIV activity of new higher order G-quadruplex aptamers obtained from tetra-end-linked oligonucleotides. Organic and Biomolecular Chemistry, 2018, 16, 2349-2355.	2.8	16
63	Synthesis of a New N1-Pentyl Analogue of Cyclic Inosine Diphosphate Ribose (cIDPR) as a Stable Potential Mimic of Cyclic ADP Ribose (cADPR). European Journal of Organic Chemistry, 2002, 2002, 4234-4238.	2.4	15
64	Solid-phase synthesis and pharmacological evaluation of novel nucleoside-tethered dinuclear platinum(II) complexes. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5835-5838.	2.2	15
65	New synthetic AICAR derivatives with enhanced AMPK and ACC activation. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 748-753.	5.2	15
66	Stabilization vs. destabilization of G-quadruplex superstructures: the role of the porphyrin derivative having spermine arms. Physical Chemistry Chemical Physics, 2017, 19, 17404-17410.	2.8	15
67	Reaction of 3â€²,5â€²-di-O-acetyl-2â€²-deoxyinosine with the chlorinating agent PPh3â€“CCl4: synthesis of the 6-chloroderivative and of a new base linked dimer, useful intermediate to15N-1-labelled 2â€²-deoxyinosine. Journal of the Chemical Society Perkin Transactions 1, 1994, , 923-925.	0.9	14
68	Direct Synthesis of Oligonucleotides on Nanostructured Silica Multilayers. Journal of Physical Chemistry C, 2010, 114, 2617-2621.	3.1	14
69	Synthesis of thymidine dimers containing a new internucleosidic amide linkage and their incorporation into oligodeoxyribonucleotides. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 1647-1652.	2.2	13
70	Synthetic studies on the glycosylation of the base residues of inosine and uridine. Journal of the Chemical Society Perkin Transactions 1, 1999, , 3489-3493.	0.9	13
71	Solid-Phase Synthesis of Glyco-Oligonucleotide Conjugates. Synlett, 2001, 2001, 0745-0748.	1.8	13
72	Automated Synthesis of Cyclic Oligodeoxyribonucleotides via Phosphoramidite Method. Nucleosides & Nucleotides, 1993, 12, 351-358.	0.5	12

#	Article	IF	Citations
73	Reactions of Pd(PPh3)4with 3â€˜,5â€˜-Di-O-acetylthymidine:Â Oxidative Addition of Pd(PPh3)4on Thymidine N3 and C4 Atoms. Organometallics, 2005, 24, 3401-3406.	2.3	12
74	Synthesis of New Acadesine (AICA-riboside) Analogues Having Acyclic d-Ribityl or 4-Hydroxybutyl Chains in Place of the Ribose. Molecules, 2013, 18, 9420-9431.	3.8	12
75	Synthesis and Biological Evaluation of a New Structural Simplified Analogue of cADPR, a Calcium-Mobilizing Secondary Messenger Firstly Isolated from Sea Urchin Eggs. Marine Drugs, 2018, 16, 89.	4.6	10
76	PNA-Based Graphene Oxide/Porous Silicon Hybrid Biosensor: Towards a Label-Free Optical Assay for Brugada Syndrome. Nanomaterials, 2020, 10, 2233.	4.1	10
77	Transcriptomics and Metabolomics Integration Reveals Redox-Dependent Metabolic Rewiring in Breast Cancer Cells. Cancers, 2021, 13, 5058.	3.7	10
78	A Facile Solid-Phase Strategy for the Synthesis of Oligonucleotide-Tetraphenylporphyrin Conjugates. European Journal of Organic Chemistry, 2000, 2000, 1013-1018.	2.4	9
79	PNA as a potential modulator of COL7A1 gene expression in dominant dystrophic epidermolysis bullosa: a physico-chemical study. Molecular BioSystems, 2013, 9, 3166.	2.9	9
80	Synthesis of mixed-sequence oligonucleotides on mesoporous silicon: chemical strategies and material stability. Nanoscale Research Letters, 2014, 9, 317.	5.7	9
81	Synthesis of 2â€²,3â€²-dideoxy-2â€²,3â€²-didehydronucleoside analogues as potential anti HIV agents. Bioorganic and Medicinal Chemistry Letters, 1992, 2, 315-318.	2.2	8
82	Facile preparation of cyclic oligoribonucleotides. Journal of the Chemical Society Perkin Transactions 1, 1993, , 747.	0.9	8
83	Thermodynamics of a 24-Mer Triple Helix Formation and Stability. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 1999, 56, 1177-1184.	1.4	8
84	Synthesis and Structural Characterization of PNA-DNA Quadruplex-Forming Chimeras. European Journal of Organic Chemistry, 2003, 2003, 3364-3371.	2.4	8
85	Physico-chemical studies of a DNA triplex containing a new ferrocenemethyl-thymidine residue in the third strand. Biophysical Chemistry, 2003, 104, 259-270.	2.8	8
86	Nanogravimetric and Optical Characterizations of Thrombin Interaction with a Self-Assembled Thiolated Aptamer. Journal of Sensors, 2016, 2016, 1-8.	1.1	8
87	Synthesis and label free characterization of a bimolecular PNA homo quadruplex. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1222-1228.	2.4	8
88	Ï€â€“Ï€ stacked DNA G-wire nanostructures formed by a short G-rich oligonucleotide containing a 3â€²â€“3â€² inversion of polarity site. Organic Chemistry Frontiers, 2020, 7, 2187-2195.	4.5	8
89	A Facile Solid-Phase Synthesis of Oligonucleotides Containing a 3â€²â†’3â€² Phosphodiester Bond for Alternate Strand Triple-Helix Formation. European Journal of Organic Chemistry, 1998, 1998, 2119-2125.	2.4	7
90	PNA-DNA Chimeras Forming Quadruplex Structures. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 1681-1684.	1.1	7

#	Article	IF	Citations
91	Evidences for complex formation between l-dabPNA and aegPNA. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4757-4760.	2.2	7
92	Synthesis of 2,6â€Ðialkyl(aryl)purine Nucleosides by Exploiting the Reactivity of Nebularine N1â€Oxide towards Grignard Reagents. European Journal of Organic Chemistry, 2013, 2013, 6948-6954.	2.4	7
93	New G-Quadruplex-Forming Oligodeoxynucleotides Incorporating a Bifunctional Double-Ended Linker (DEL): Effects of DEL Size and ODNs Orientation on the Topology, Stability, and Molecularity of DEL-G-Quadruplexes. Molecules, 2019, 24, 654.	3.8	7
94	Endogenous and artificial miRNAs explore a rich variety of conformations: a potential relationship between secondary structure and biological functionality. Scientific Reports, 2020, 10, 453.	3.3	7
95	Interaction of the ADP-ribosylating enzyme from the hyperthermophilic archaeonS. solfataricuswith DNA and ss-oligo deoxy ribonucleotides. Journal of Cellular Biochemistry, 2002, 85, 146-157.	2.6	6
96	Targeting duplex DNA with DNA-PNA chimeras? Physico-chemical characterization of a triplex DNA-PNA/DNA/DNA. Biopolymers, 2004, 73, 434-442.	2.4	6
97	Synthesis of 3â€²â^'3â€²-Linked Pyrimidine Oligonucleotides Containing an Acridine Moiety for Alternate Strand Triple Helix Formation. European Journal of Organic Chemistry, 2004, 2004, 2331-2336.	2.4	6
98	Solid Phase Synthesis of Nucleobase and Ribose Modified Inosine Nucleoside Analogues. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1649-1652.	1.1	6
99	Synthesis and Evaluation of the Antiproliferative Properties of a Tethered Tubercidinâ€“Platinum(II) Complex. European Journal of Organic Chemistry, 2015, 2015, 7550-7556.	2.4	6
100	New Linear Precursors of cIDPR Derivatives as Stable Analogs of cADPR: A Potent Second Messenger with Ca2+-Modulating Activity Isolated from Sea Urchin Eggs. Marine Drugs, 2019, 17, 476.	4.6	6
101	Probing the DNA Reactivity and the Anticancer Properties of a Novel Tubercidin-Pt(II) Complex. Pharmaceutics, 2020, 12, 627.	4.5	6
102	Physico-chemical studies on DNA triplexes containing an alternate third strand with a non-nucleotide linker. International Journal of Biological Macromolecules, 2001, 28, 387-394.	7.5	5
103	Degradation of some representative polycyclic aromatic hydrocarbons by the water-soluble protein extracts from Zea mays L. cv PR32-B10. Chemosphere, 2016, 160, 258-265.	8.2	5
104	Exploring a peptide nucleic acid-based antisense approach for CD5 targeting in chronic lymphocytic leukemia. PLoS ONE, 2022, 17, e0266090.	2.5	5
105	New derivatives of pyrimidine nucleosides: Synthesis, physicoâ€chemical properties and biological activity. Journal of Heterocyclic Chemistry, 1988, 25, 1039-1042.	2.6	4
106	New Solid Supports Linking Nucleoside Scaffolds. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 695-697.	1.1	4
107	Synthesis and DNA Binding Properties of DNA-PNA Chimeras. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 1089-1091.	1.1	4
108	SYNTHESIS OF A NEW N-9 RIBITYL ANALOGUE OF CYCLIC INOSINE DIPHOSPHATE RIBOSE (cIDPR) AS A MIMIC OF CYCLIC ADP RIBOSE (cADPR). Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 735-738.	1.1	4

#	Article	IF	Citations
109	Physico-chemical analysis of G-quadruplex containing bunch-oligonucleotides. International Journal of Biological Macromolecules, 2007, 40, 242-247.	7.5	4
110	Solid phase synthesis of 5'-phosphate labelled polynucleotides. Tetrahedron, 1988, 44, 215-220.	1.9	3
111	Oligonucleotides Containing an Acridine Group Covalently Bonded to the Nucleotide Flanking the 3â€²-3â€² Phosphodiester Junction for Alternate Strand Triple Helix Formation. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 1069-1071.	1.1	3
112	Cyclic Uridine Diphosphate Glucose: A New Pyrimidine Analog of Cyclic ADP Ribose. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 663-666.	1.1	3
113	Effect of Î³-hydroxypropano deoxyguanosine, the major acrolein-derived adduct, on monomolecular quadruplex structure of telomeric repeat d(TTAGGG)4. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 5417-5421.	2.2	3
114	Synthesis of 5â€Aminoimidazoleâ€4â€Carboxamide Riboside (AICAR) and Its Derivatives Using Inosine as Starting Material. Current Protocols in Nucleic Acid Chemistry, 2015, 63, 1.35.1-1.35.24.	0.5	3
115	Synthesis of Bridged Pyrimidine Nucleosides and Triazo [4, 3-c] Pyrimidine Nucleoside Analogues. Nucleosides & Nucleotides, 1989, 8, 515-528.	0.5	2
116	A BUNCH-OLIGONUCLEOTIDE FORMING STABLE MONOMOLECULAR QUADRUPLEX CONTAINING A T-TETRAD. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 443-446.	1.1	2
117	Synthesis of A New Ribose Modified Analogue of Cyclic Inosine Diphosphate Ribose. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1321-1324.	1.1	2
118	Solid-Phase Synthesis of Oligodeoxyribonucleotide Analogues Containing 5, 6-Dihydroimidazo [1, 2-c] Pyrimidin-5-One as a Base Moiety. Nucleosides & Nucleotides, 1991, 10, 867-882.	0.5	1
119	Oligonucleotides containing a lysine residue as 3â€²â€“3â€² junction for alternate strand triple helix formation. Bioorganic and Medicinal Chemistry, 2001, 9, 2895-2900.	3.0	1
120	UNUSUAL MONOMOLECULAR DNA QUADRUPLEX STRUCTURES USING BUNCH-OLIGONUCLEOTIDES. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 739-741.	1.1	1
121	Oligonucleotides direct synthesis on porous silicon chip. Nucleic Acids Symposium Series, 2008, 52, 721-722.	0.3	1
122	From computational genomics to systems metabolomics for precision cancer medicine and drug discovery. Pharmacological Research, 2020, 151, 104479.	7.1	1
123	5-Amino-1-(2â€²,3â€²-O-isopropylidene-<scp>D</scp>-ribityl)-1H-imidazole-4-carboxamide: a crystal structure withZâ€² = 4. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 183-187.	0.5	1
124	Interaction of the High-Affinity Inhibitor Tetrahydro-Dump with the Allosteric Enzyme Deoxycytidylate Aminohydrolase. Archives of Biochemistry and Biophysics, 1994, 310, 49-53.	3.0	0
125	EFFECTS OF ACROLEIN ON THE QUADRUPLEX FORMING d(TTAGGG)4 TELOMERIC REPEAT SEQUENCE. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 447-450.	1.1	0
126	Synthesis and Characterization of Tetra-End Linked Oligonucleotides Capable of Forming Monomolecular G-Quadruplexes. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1231-1236.	1.1	0

#	Article	IF	Citations
127	Optical Tweezers as a Probe for Oligodeoxyribonucleotide Structuration. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1295-1299.	1.1	0
128	Aminosilane-modified mesoporous oxidized silicon for in situ oligonucleotides synthesis and detection. , 2014, , .		0
129	Fully automated synthesis of peptide-oligonucleotide conjugates. , 2002, , 784-785.		0