

Luciano Mayol

List of Publications by Year in descending order

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163
papers

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117625

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168
times ranked

2812
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and Thermodynamic Studies of the Interaction of Distamycin A with the Parallel Quadruplex Structure [d(TGGGGT)] ₄ . Journal of the American Chemical Society, 2007, 129, 16048-16056.	13.7	149
2	Structural and Conformational Requisites in DNA Quadruplex Groove Binding: Another Piece to the Puzzle. Journal of the American Chemical Society, 2010, 132, 6425-6433.	13.7	111
3	Caulerpenyne, an unusual sesquiterpenoid from the green alga caulerpa prolifera. Tetrahedron Letters, 1978, 19, 3593-3596.	1.4	110
4	Localized DNA Flexibility Contributes to Target Site Selection by DNA-bending Proteins. Journal of Molecular Biology, 1996, 260, 120-125.	4.2	95
5	A new modified thrombin binding aptamer containing a 5'→3' inversion of polarity site. Nucleic Acids Research, 2006, 34, 6653-6662.	14.5	91
6	Tandem Application of Virtual Screening and NMR Experiments in the Discovery of Brand New DNA Quadruplex Groove Binders. Journal of the American Chemical Society, 2009, 131, 16336-16337.	13.7	86
7	Axisonitrile-3, axisothiocyanate-3 and axamide-3. Sesquiterpenes with a novel spiro[4,5]decane skeleton from the sponge Axinella cannabina. Tetrahedron, 1976, 32, 473-478.	1.9	84
8	Effects of an 8-bromodeoxyguanosine incorporation on the parallel quadruplex structure [d(TGGGT)] ₄ . Organic and Biomolecular Chemistry, 2004, 2, 313.	2.8	73
9	The insertion of two 8-methyl-2'-deoxyguanosine residues in tetramolecular quadruplex structures: trying to orientate the strands. Nucleic Acids Research, 2012, 40, 461-475.	14.5	73
10	Stability and Structure of Telomeric DNA Sequences Forming Quadruplexes Containing Four G-Tetrads with Different Topological Arrangements. Biochemistry, 2004, 43, 4877-4884.	2.5	70
11	A novel thrombin binding aptamer containing a G-LNA residue. Bioorganic and Medicinal Chemistry, 2007, 15, 5710-5718.	3.0	65
12	New sesquiterpenoids from the sponge axinella cannabina. Tetrahedron, 1975, 31, 269-270.	1.9	62
13	8-Methyl-2'-deoxyguanosine incorporation into parallel DNA quadruplex structures. Nucleic Acids Research, 2005, 33, 6188-6195.	14.5	62
14	Aminosilane functionalizations of mesoporous oxidized silicon for oligonucleotide synthesis and detection. Journal of the Royal Society Interface, 2013, 10, 20130160.	3.4	60
15	Label-Free Probing of G-Quadruplex Formation by Surface-Enhanced Raman Scattering. Analytical Chemistry, 2011, 83, 6849-6855.	6.5	56
16	Diterpenes based on the dolabellane skeleton from dictyota dichotoma. Tetrahedron, 1980, 36, 1409-1414.	1.9	55
17	Calysterol: A C29 cyclopropene-containing marine sterol from the sponge Calyx nicaensis. Tetrahedron, 1975, 31, 1715-1716.	1.9	54
18	Targeting DNA quadruplexes with distamycin A and its derivatives: An ITC and NMR study. Biochimie, 2008, 90, 1224-1232.	2.6	54

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19	NMR solution structure of a parallel LNA quadruplex. <i>Nucleic Acids Research</i> , 2004, 32, 3083-3092.	14.5	52
20	Affinity, stability and polarity of binding of the TATA binding protein governed by flexure at the TATA box 1 1Edited by P. E. Wright. <i>Journal of Molecular Biology</i> , 1998, 282, 731-739.	4.2	51
21	Isolation and structure of axisonitrile-2. <i>Tetrahedron</i> , 1974, 30, 3911-3913.	1.9	49
22	Further perhydroazulene diterpenes from marine organisms. <i>Experientia</i> , 1977, 33, 413-415.	1.2	48
23	New nitrogenous sesquiterpenes based on alloaromadendrane and epi-eudesmane skeletons from the marine sponge <i>Axinellacannabina</i> . <i>Canadian Journal of Chemistry</i> , 1987, 65, 518-522.	1.1	47
24	Targeting G-Quadruplex Structure in the Human c-Kit Promoter with Short PNA Sequences. <i>Bioconjugate Chemistry</i> , 2011, 22, 654-663.	3.6	45
25	Synthesis, structural studies and biological properties of new TBA analogues containing an acyclic nucleotide. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8244-8253.	3.0	44
26	d(CGGTGGT) forms an octameric parallel G-quadruplex via stacking of unusual G(:C):G(:C):G(:C):G(:C) octads. <i>Nucleic Acids Research</i> , 2011, 39, 7848-7857.	14.5	42
27	Investigating the Role of T ₇ and T ₁₂ Residues on the Biological Properties of Thrombin-Binding Aptamer: Enhancement of Anticoagulant Activity by a Single Nucleobase Modification. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10716-10728.	6.4	42
28	Site specific replacements of a single loop nucleoside with a dibenzyl linker may switch the activity of TBA from anticoagulant to antiproliferative. <i>Nucleic Acids Research</i> , 2015, 43, 7702-7716.	14.5	42
29	A new class of DNA quadruplexes formed by oligodeoxyribonucleotides containing a 3'→5' or 5'→3' inversion of polarity site. <i>Chemical Communications</i> , 2005, , 3953.	4.1	39
30	Tetra-end-linked oligonucleotides forming DNA G-quadruplexes: a new class of aptamers showing anti-HIV activity. <i>Chemical Communications</i> , 2010, 46, 8971.	4.1	39
31	Site-specific replacement of the thymine methyl group by fluorine in thrombin binding aptamer significantly improves structural stability and anticoagulant activity. <i>Nucleic Acids Research</i> , 2015, 43, 10602-10611.	14.5	38
32	Nitrogenous sesquiterpenes from the marine sponge : three new isocyanide-isothiocyanate pairs. <i>Tetrahedron</i> , 1987, 43, 5381-5388.	1.9	37
33	¹ H-NMR study of the interaction of distamycin A and netropsin with the parallel stranded tetraplex [d(TGGGGT)] ₄ . <i>Chemical Communications</i> , 2001, , 1030-1031.	4.1	37
34	A straightforward modification in the thrombin binding aptamer improving the stability, affinity to thrombin and nuclease resistance. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8840-8843.	2.8	37
35	Gracilin A, an unique: nor-diterpene metabolite from the marine sponge .. <i>Tetrahedron Letters</i> , 1985, 26, 1357-1360.	1.4	36
36	On the Connection Between Inherent DNA Flexure and Preferred Binding of Hydroxymethyluracil-containing DNA by the Type II DNA-binding Protein TF1. <i>Journal of Molecular Biology</i> , 1996, 260, 196-206.	4.2	36

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37	Three squalene derivatives from <i>Caulerpa prolifera</i> . <i>Phytochemistry</i> , 1982, 21, 782-784.	2.9	35
38	Synthesis of N-1 and ribose modified inosine analogues on solid support. <i>Tetrahedron Letters</i> , 2007, 48, 397-400.	1.4	34
39	Synthesis of 4-N-alkyl and ribose-modified AICAR analogues on solid support. <i>Tetrahedron</i> , 2008, 64, 6475-6481.	1.9	34
40	Effects of abasic sites on structural, thermodynamic and kinetic properties of quadruplex structures. <i>Nucleic Acids Research</i> , 2010, 38, 2069-2080.	14.5	34
41	Dictyol A and B, two novel diterpene alcohols from the brown alga <i>Dictyota dichotoma</i> . <i>Journal of the Chemical Society Chemical Communications</i> , 1976, , 575.	2.0	33
42	Synthesis and biological evaluation of unprecedented ring-expanded nucleosides (RENS) containing the imidazo[4,5-d][1,2,6]oxadiazepine ring system. <i>Chemical Communications</i> , 2012, 48, 9310.	4.1	33
43	Solid phase synthesis of cyclic oligodeoxyribonucleotides.. <i>Tetrahedron Letters</i> , 1987, 28, 5727-5728.	1.4	32
44	Oxocrinol and crinitol, novel linear terpenoids from the brown alga <i>Cystoseira crinita</i> . <i>Tetrahedron Letters</i> , 1976, 17, 937-940.	1.4	31
45	Sterol composition of some mediterranean green algae. <i>Phytochemistry</i> , 1982, 21, 1993-1994.	2.9	31
46	INTERACTION OF DISTAMYCIN A AND NETROPSIN WITH QUADRUPLEX AND DUPLEX STRUCTURES: A COMPARATIVE 1H-NMR STUDY. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2002, 21, 535-545.	1.1	31
47	Synthesis of quadruplex-forming tetra-end-linked oligonucleotides: Effects of the linker size on quadruplex topology and stability. <i>Biopolymers</i> , 2009, 91, 466-477.	2.4	31
48	Effects of the introduction of inversion of polarity sites in the quadruplex forming oligonucleotide TGGGT. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1997-2001.	3.0	31
49	Facile Solid-Phase Synthesis of AICAR 5'-Monophosphate (ZMP) and Its 4-N-Alkyl Derivatives. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1517-1524.	2.4	31
50	New anti-HIV aptamers based on tetra-end-linked DNA G-quadruplexes: effect of the base sequence on anti-HIV activity. <i>Chemical Communications</i> , 2012, 48, 9516.	4.1	31
51	A solid-phase approach to the synthesis of N-1-alkyl analogues of cyclic inosine-diphosphate-ribose (cIDPR). <i>Tetrahedron</i> , 2010, 66, 1931-1936.	1.9	30
52	A Facile Synthesis of 5'-Fluoro-5'-deoxyacadesine (5'-F-AICAR): A Novel Non-phosphorylatable AICAR Analogue. <i>Molecules</i> , 2012, 17, 13036-13044.	3.8	30
53	5-Hydroxymethyl-2-Deoxyuridine Residues in the Thrombin Binding Aptamer: Investigating Anticoagulant Activity by Making a Tiny Chemical Modification. <i>ChemBioChem</i> , 2014, 15, 2427-2434.	2.6	30
54	Solid phase synthesis of 5-hydroxymethyluracil containing DNA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 79-82.	2.2	29

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55	Synthesis of a novel N-1 carbocyclic, N-9 butyl analogue of cyclic ADP ribose (cADPR). <i>Tetrahedron</i> , 2002, 58, 363-368.	1.9	29
56	Synthesis and characterization of a bunchy oligonucleotide forming a monomolecular parallel quadruplex structure in solution. <i>Tetrahedron Letters</i> , 2004, 45, 4869-4872.	1.4	29
57	Selective Binding of Distamycin A Derivative to G-Quadruplex Structure [d(TGGGGT)] ₄ . <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-7.	1.2	29
58	Brominated β^2 -carbolines from the marine hydroid <i>aglaophenia pluma linnaeus</i> . <i>Tetrahedron</i> , 1987, 43, 5929-5932.	1.9	28
59	Synthesis and Characterization of Monomolecular DNA G-Quadruplexes Formed by Tetra-End-Linked Oligonucleotides. <i>Bioconjugate Chemistry</i> , 2006, 17, 889-898.	3.6	28
60	A Topological Classification of G-Quadruplex Structures. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1155-1159.	1.1	28
61	Outstanding effects on antithrombin activity of modified TBA diastereomers containing an optically pure acyclic nucleotide analogue. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5235-5242.	2.8	27
62	Sterols of mediterranean chlorophyceae. <i>Experientia</i> , 1980, 36, 1137-1138.	1.2	26
63	Lintenolides, new pentacyclic bioactive sesterterpenes from the caribbean sponge <i>Cacospongia</i> cf. <i>linterformis</i> . <i>Tetrahedron</i> , 1994, 50, 849-856.	1.9	26
64	Thrombin binding aptamer analogues containing inversion of polarity sites endowed with antiproliferative and anti-motility properties against Calu-6 cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2645-2650.	2.4	26
65	Metabolites from the marine sponge . Three further nor-diterpenes, one of them based on a novel carbocyclic skeleton.. <i>Tetrahedron</i> , 1986, 42, 5369-5376.	1.9	25
66	A polymer-nucleotide linkage useful for the solid phase synthesis of cyclic oligodeoxyribonucleotides. <i>Tetrahedron</i> , 1989, 45, 4523-4536.	1.9	25
67	A more detailed picture of the interactions between virtual screening-derived hits and the DNA G-quadruplex: NMR, molecular modelling and ITC studies. <i>Biochimie</i> , 2011, 93, 1280-1287.	2.6	25
68	Exploring the binding of d(GGGT) ₄ to the HIV-1 integrase: An approach to investigate G-quadruplex aptamer/target protein interactions. <i>Biochimie</i> , 2016, 127, 19-22.	2.6	25
69	Self-Assembly of G-Rich Oligonucleotides Incorporating a 3' Inversion of Polarity Site: A New Route Towards G-Wire DNA Nanostructures. <i>ChemistryOpen</i> , 2017, 6, 599-605.	1.9	24
70	Minor sesquiterpenoids from the sponge <i>Axinella cannabina</i> . <i>Experientia</i> , 1977, 33, 11-12.	1.2	23
71	Structural Investigations on the Anti-HIV G-Quadruplex-Forming Oligonucleotide TGGGAG and Its Analogues: Evidence for the Presence of an A-Tetrad. <i>ChemBioChem</i> , 2012, 13, 2219-2224.	2.6	23
72	Metabolism in Porifera. VII. Conversion of [7,7- ³ H ₂]-fucosterol into calysterol by the sponge <i>Calyx niceaensis</i> . <i>Experientia</i> , 1977, 33, 1550-1552.	1.2	22

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73	Petiodial, a new monocyclic diterpenoid from the Mediterranean green alga <i>Udotea petiolata</i> . <i>Experientia</i> , 1983, 39, 1275-1276.	1.2	22
74	Use of fast protein liquid chromatography for the purification of synthetic oligonucleotides. <i>Journal of Chromatography A</i> , 1985, 329, 406-414.	3.7	22
75	Interrelations of Secondary Structure Stability and DNA-binding Affinity in the Bacteriophage SPO1-encoded Type II DNA-binding Protein TF1. <i>Journal of Molecular Biology</i> , 1994, 236, 139-150.	4.2	22
76	Conformation of the circular dumbbell dâ€¢pCGC-TT-GCG-TTâ€¢: Structure determination and molecular dynamics. <i>Journal of Biomolecular NMR</i> , 1995, 6, 403-422.	2.8	22
77	Automated solid phase synthesis of cyclic oligonucleotides: a further improvement. <i>Bioorganic and Medicinal Chemistry</i> , 1995, 3, 1325-1329.	3.0	22
78	Effects of 8-methyl-2â€¢-deoxyadenosine incorporation into quadruplex forming oligodeoxyribonucleotides. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 1037-1044.	3.0	22
79	Synthesis and characterization of DNA quadruplexes containing T-tetrads formed by bunch-oligonucleotides. <i>Biopolymers</i> , 2006, 81, 194-201.	2.4	22
80	Application of 2d-nmr spectroscopy in the structural determination of gracilin b, a bis-nor-diterpene from the sponge 1.. <i>Tetrahedron Letters</i> , 1985, 26, 1253-1256.	1.4	21
81	Rotalin A and B, two novel diterpene metabolites from the encrusting mediterranean sponge (bowerbank). <i>Tetrahedron</i> , 1989, 45, 277-288.	1.9	21
82	A novel bioactive sesterterpene based on an unprecedented tricyclic skeleton from the caribbean sponge <i>Cacospongia cf. lintheiformis</i> . <i>Journal of Organic Chemistry</i> , 1992, 57, 6921-6924.	3.2	21
83	Twin Hydroxymethyluracil-A Base Pair Steps Define the Binding Site for the DNA-bending Protein TF1. <i>Journal of Biological Chemistry</i> , 1997, 272, 13084-13087.	3.4	21
84	Improvement of the activity of the anti-HIV-1 integrase aptamer T30175 by introducing a modified thymidine into the loops. <i>Scientific Reports</i> , 2018, 8, 7447.	3.3	21
85	Dilphol, a new ten-membered-ring diterpene alcohol from the brown alga <i>Dilophus ligulatus</i> . <i>Journal of the Chemical Society Chemical Communications</i> , 1976, , 1024.	2.0	20
86	Spongiolactone, an unusual Î²-lactone diterpene isovalerate based on a new rearranged spongiane skeleton from. <i>Tetrahedron Letters</i> , 1987, 28, 3601-3604.	1.4	20
87	An NMR Study of the Conformation and Thermodynamics of the Circular Dumbbell d<pCGC-TT-GCG-TT>. <i>Journal of Biomolecular Structure and Dynamics</i> , 1992, 9, 821-836.	3.5	20
88	Solid-Phase Synthesis of a New Diphosphate 5-Aminoimidazole-4-carboxamide Riboside (AICAR) Derivative and Studies toward Cyclic AICAR Diphosphate Ribose. <i>Molecules</i> , 2011, 16, 8110-8118.	3.8	20
89	Expanding the Potential of Gâ€¢Quadruplex Structures: Formation of a Heterochiral TBA Analogue. <i>ChemBioChem</i> , 2014, 15, 652-655.	2.6	20
90	DNA-based nanostructures: The effect of the base sequence on octamer formation from d(XGGYGGT) tetramolecular G-quadruplexes. <i>Biochimie</i> , 2014, 99, 119-128.	2.6	20

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91	A further contribution to the extreme variability of quadruplex structures from oligodeoxyribonucleotides containing inversion of polarity sites in the G-tract. <i>Molecular BioSystems</i> , 2008, 4, 426.	2.9	19
92	Amino acids, sugars and sterols of some Mediterranean brown algae. <i>Biochemical Systematics and Ecology</i> , 1976, 4, 143-146.	1.3	18
93	Effect of a modified thymine on the structure and stability of [d(TGGGT)] ₄ quadruplex. <i>International Journal of Biological Macromolecules</i> , 2003, 31, 131-137.	7.5	18
94	STRUCTURAL STUDIES ON LNA QUADRUPLEXES. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 795-800.	1.1	18
95	Thermodynamic Analysis Of Quadruplex Dna-Drug Interaction. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 761-765.	1.1	18
96	Screening Platform toward New Anti-HIV Aptamers Set on Molecular Docking and Fluorescence Quenching Techniques. <i>Analytical Chemistry</i> , 2016, 88, 2327-2334.	6.5	18
97	Autotrophic and Heterotrophic Growth Conditions Modify Biomolecule Production in the Microalga <i>Galdieria sulphuraria</i> (Cyanidiophyceae, Rhodophyta). <i>Marine Drugs</i> , 2020, 18, 169.	4.6	18
98	Structure and absolute configuration of two new polybrominated C15 acetogenins from the sponge <i>Mycale rotalis</i> . <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1559.	2.0	17
99	2'-deoxy-8-(propyn-1-yl)adenosine-containing oligonucleotides: effects on stability of duplex and quadruplex structures. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 2005-2009.	2.2	17
100	The "Janus face" of the thrombin binding aptamer: Investigating the anticoagulant and antiproliferative properties through straightforward chemical modifications. <i>Bioorganic Chemistry</i> , 2018, 76, 202-209.	4.1	17
101	Furocaulerpin, a new acetylenic sesquiterpenoid from the green alga <i>Caulerpa prolifera</i> . <i>Experientia</i> , 1981, 37, 1132-1132.	1.2	16
102	Synthesis of Two Distamycin Analogs and Their Binding Mode to d(CGCAAATTTGCG) ₂ in the 2:1 Solution Complexes as Determined by Two-Dimensional ¹ H-NMR. <i>Journal of Medicinal Chemistry</i> , 1995, 38, 1140-1149.	6.4	16
103	Slow conformational exchange in DNA minihairpin loops: A conformational study of the circular dumbbell d?pCGC-TT-GCG-TT?. <i>Biopolymers</i> , 1995, 36, 681-694.	2.4	16
104	Synthesis of a New N1-Pentyl Analogue of Cyclic Inosine Diphosphate Ribose (cIDPR) as a Stable Potential Mimic of Cyclic ADP Ribose (cADPR). <i>European Journal of Organic Chemistry</i> , 2002, 2002, 4234-4238.	2.4	15
105	New synthetic AICAR derivatives with enhanced AMPK and ACC activation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 748-753.	5.2	15
106	RELATIVE STABILITY OF QUADRUPLEXES CONTAINING DIFFERENT NUMBER OF G-TETRADES. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 757-760.	1.1	14
107	Synthesis of a Dibromoperylene Phosphoramidite Building Block and Its Incorporation at the 5' End of a G-Quadruplex Forming Oligonucleotide: Spectroscopic Properties and Structural Studies of the Resulting Dibromoperylene Conjugate. <i>Bioconjugate Chemistry</i> , 2011, 22, 1309-1319.	3.6	14
108	Coronopifolol, a diterpene based on an unprecedented tetracyclic skeleton from the red algae <i>Sphaerococcus coronopifolius</i> . <i>Journal of Organic Chemistry</i> , 1985, 50, 3982-3984.	3.2	13

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109	Novel metabolites from the marine genus <i>cystoseira</i> - application of two-dimensional ¹ H- ¹³ C correlation to the structure elucidation. <i>Tetrahedron</i> , 1986, 42, 6015-6020.	1.9	13
110	The oxidative damage to the human telomere: effects of 5-hydroxymethyl-2'-deoxyuridine on telomeric G-quadruplex structures. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7421-7429.	2.8	13
111	Acyclic polyhalogenated monoterpenes from four marine hydroids. <i>Biochemical Systematics and Ecology</i> , 1984, 12, 321-322.	1.3	12
112	Minor Bisnorditerpenes from the Marine Sponge <i>Spongionella gracilis</i> and Revision of the ¹³ C Configuration of Gracilin B. <i>Journal of Natural Products</i> , 1986, 49, 823-828.	3.0	12
113	Structure of bromotetrasphaerol, a further irregular diterpene from the red alga. <i>Tetrahedron</i> , 1986, 42, 4273-4276.	1.9	12
114	INTERACTION OF PORPHYRIN WITH G-QUADRUPLEX STRUCTURES. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 753-756.	1.1	12
115	Biophysical Properties of Quadruplexes Containing Two or Three 8-Bromodeoxyguanosine Residues. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 669-674.	1.1	12
116	A model for triple helix formation on human telomerase reverse transcriptase (hTERT) promoter and stabilization by specific interactions with the water soluble perylene derivative, DAPER. <i>Biophysical Chemistry</i> , 2007, 129, 70-81.	2.8	12
117	Synthesis of New Acadesine (AICA-riboside) Analogues Having Acyclic d-Ribityl or 4-Hydroxybutyl Chains in Place of the Ribose. <i>Molecules</i> , 2013, 18, 9420-9431.	3.8	12
118	Volatile mono- and sesquiterpeneoids from <i>Kleinia pendula</i> . <i>Phytochemistry</i> , 1987, 26, 3069-3071.	2.9	11
119	Linear sesterterpenes from the Caribbean sponge <i>Thorecta horridus</i> with inflammatory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1991, 1, 639-644.	2.2	11
120	Unprecedented right- and left-handed quadruplex structures formed by heterochiral oligodeoxyribonucleotides. <i>Biochimie</i> , 2011, 93, 1193-1196.	2.6	11
121	Monomolecular G-quadruplex structures with inversion of polarity sites: new topologies and potentiality. <i>Nucleic Acids Research</i> , 2017, 45, 8156-8166.	14.5	11
122	Structure and absolute stereochemistry of cyclolinteineone a novel monocarbocyclic sesterterpene from <i>Cacospongia cf. linteiformis</i> . <i>Tetrahedron</i> , 1994, 50, 13469-13476.	1.9	10
123	Thermodynamics of melting of the circular dumbbell d?pCGC-TT-GCG-TT?. <i>Biopolymers</i> , 1995, 36, 701-710.	2.4	10
124	Synthesis and Biological Evaluation of a New Structural Simplified Analogue of cADPR, a Calcium-Mobilizing Secondary Messenger Firstly Isolated from Sea Urchin Eggs. <i>Marine Drugs</i> , 2018, 16, 89.	4.6	10
125	Different bindings of the minor groove ligands DAPI and Hoechst 33258 to multimers of the curved (CA4T4G) and noncurved (CT4A4G) DNA sequences. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1997, 1353, 93-97.	2.4	9
126	Superstructural self-assembly of the G-quadruplex structure formed by the homopurine strand in a DNA tract of human telomerase gene promoter. <i>Biophysical Chemistry</i> , 2008, 136, 159-163.	2.8	9

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127	NMR-derived solution structure of a 17mer hydroxymethyluracil-containing DNA. <i>Nucleic Acids Research</i> , 1999, 27, 4143-4150.	14.5	8
128	Synthesis and Structural Characterization of PNA-DNA Quadruplex-Forming Chimeras. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3364-3371.	2.4	8
129	Synthesis and label free characterization of a bimolecular PNA homo quadruplex. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1222-1228.	2.4	8
130	PNA-DNA Chimeras Forming Quadruplex Structures. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 1681-1684.	1.1	7
131	Molecular Modelling Studies of Four Stranded Quadruplexes Containing A 3'→5' or 5'→3' Inversion of Polarity Site. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1139-1143.	1.1	7
132	A novel equilibrium relating to the helix handedness in G-quadruplexes formed by heterochiral oligonucleotides with an inversion of polarity site. <i>Chemical Communications</i> , 2013, 49, 7935.	4.1	7
133	Synthesis of 3'-5'-Linked Pyrimidine Oligonucleotides Containing an Acridine Moiety for Alternate Strand Triple Helix Formation. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2331-2336.	2.4	6
134	Structural study of four-stranded quadruplex structures containing 2'-deoxy-8-(propyn-1-yl)adenosine. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 1191-1197.	3.0	6
135	Lintenolides C-E: Unusual Antifeedant Sesterterpenes Isolated from the Marine Sponge <i>Cacospongia</i> cf. <i>linterformis</i> . <i>Liebigs Annalen</i> , 1996, 1996, 77-81.	0.8	6
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