

Veronica Esposito

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3221171/veronica-esposito-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

1,528

citations

23

h-index

37

g-index

71

ext. papers

1,653

ext. citations

6.3

avg, IF

4.09

L-index

#	Paper	IF	Citations
68	MicroRNA-199b-5p impairs cancer stem cells through negative regulation of HES1 in medulloblastoma. <i>PLoS ONE</i> , 2009 , 4, e4998	3.7	208
67	A new modified thrombin binding aptamer containing a 5T5T inversion of polarity site. <i>Nucleic Acids Research</i> , 2006 , 34, 6653-62	20.1	83
66	Stability and structure of telomeric DNA sequences forming quadruplexes containing four G-tetrads with different topological arrangements. <i>Biochemistry</i> , 2004 , 43, 4877-84	3.2	67
65	Effects of an 8-bromodeoxyguanosine incorporation on the parallel quadruplex structure [d(TGGGT)] ₄ . <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 313-8	3.9	66
64	The insertion of two 8-methyl-2Tdeoxyguanosine residues in tetramolecular quadruplex structures: trying to orientate the strands. <i>Nucleic Acids Research</i> , 2012 , 40, 461-75	20.1	63
63	8-methyl-2Tdeoxyguanosine incorporation into parallel DNA quadruplex structures. <i>Nucleic Acids Research</i> , 2005 , 33, 6188-95	20.1	55
62	NMR solution structure of a parallel LNA quadruplex. <i>Nucleic Acids Research</i> , 2004 , 32, 3083-92	20.1	49
61	Thermodynamics and kinetics of PNA-DNA quadruplex-forming chimeras. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16215-23	16.4	42
60	Configuration assignment in small organic molecules via residual dipolar couplings. <i>Chemical Communications</i> , 2003 , 154-5	5.8	42
59	Effects of 8-methylguanine on structure, stability and kinetics of formation of tetramolecular quadruplexes. <i>Biochimie</i> , 2011 , 93, 399-408	4.6	41
58	A new class of DNA quadruplexes formed by oligodeoxyribonucleotides containing a 3T3T or 5T5T inversion of polarity site. <i>Chemical Communications</i> , 2005 , 3953-5	5.8	38
57	Strand directionality affects cation binding and movement within tetramolecular G-quadruplexes. <i>Nucleic Acids Research</i> , 2012 , 40, 11047-57	20.1	37
56	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, 7702-16	20.1	33
55	Design, synthesis, biophysical and biological studies of trisubstituted naphthalimides as G-quadruplex ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 6419-29	3.4	32
54	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, 10602-11	20.1	31
53	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, 8840-3	3.9	30
52	Effects of abasic sites on structural, thermodynamic and kinetic properties of quadruplex structures. <i>Nucleic Acids Research</i> , 2010 , 38, 2069-80	20.1	29

51	5-Hydroxymethyl-2′-deoxyuridine residues in the thrombin binding aptamer: investigating anticoagulant activity by making a tiny chemical modification. <i>ChemBioChem</i> , 2014 , 15, 2427-34	3.8	28
50	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	3.4	27
49	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, 535-45	1.4	26
48	A topological classification of G-quadruplex structures. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007 , 26, 1155-9	1.4	24
47	Biophysical properties of quadruple helices of modified human telomeric DNA. <i>Biopolymers</i> , 2005 , 77, 75-85	2.2	24
46	Human AP-endonuclease (Ape1) activity on telomeric G4 structures is modulated by acetyltable lysine residues in the N-terminal sequence. <i>DNA Repair</i> , 2019 , 73, 129-143	4.3	24
45	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	4.6	23
44	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, 2219-24	3.8	22
43	Backbone modified TBA analogues endowed with antiproliferative activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 1213-1221	4	21
42	Effects of 8-methyl-2′-deoxyadenosine incorporation into quadruplex forming oligodeoxyribonucleotides. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 1037-44	3.4	21
41	Novel pyrimidopyrimidine derivatives for inhibition of cellular proliferation and motility induced by h-prune in breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2012 , 57, 41-50	6.8	19
40	The abasic site lesions in the human telomeric sequence d[TA(G(3)T(2)A(3)G(3))]: a thermodynamic point of view. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 2037-43	4	19
39	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	4	18
38	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	4.9	17
37	Optimization of benzoquinone and hydroquinone derivatives as potent inhibitors of human 5-lipoxygenase. <i>European Journal of Medicinal Chemistry</i> , 2017 , 127, 715-726	6.8	17
36	Expanding the potential of G-quadruplex structures: formation of a heterochiral TBA analogue. <i>ChemBioChem</i> , 2014 , 15, 652-5	3.8	17
35	Exploring the role of chloro and methyl substitutions in 2-phenylthiomethyl-benzoindeole derivatives for 5-LOX enzyme inhibition. <i>European Journal of Medicinal Chemistry</i> , 2016 , 108, 466-475	6.8	15
34	Investigating the properties of TBA variants with twin thrombin binding domains. <i>Scientific Reports</i> , 2019 , 9, 9184	4.9	15

33	uL3 Mediated Nucleolar Stress Pathway as a New Mechanism of Action of Antiproliferative G-quadruplex TBA Derivatives in Colon Cancer Cells. <i>Biomolecules</i> , 2020 , 10,	5.9	13
32	A mini-library of TBA analogues containing 3T3Tand 5T5TInversion of polarity sites. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007 , 26, 1145-9	1.4	13
31	Structural studies on LNA quadruplexes. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005 , 24, 795-800	1.4	13
30	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	5.1	13
29	Improved thrombin binding aptamer analogues containing inversion of polarity sites: structural effects of extra-residues at the ends. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 7707-14	3.9	12
28	The oxidative damage to the human telomere: effects of 5-hydroxymethyl-2Tdeoxyuridine on telomeric G-quadruplex structures. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 7421-9	3.9	12
27	Unprecedented right- and left-handed quadruplex structures formed by heterochiral oligodeoxyribonucleotides. <i>Biochimie</i> , 2011 , 93, 1193-6	4.6	11
26	Relative stability of quadruplexes containing different number of G-tetrads. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005 , 24, 757-60	1.4	11
25	Monomolecular G-quadruplex structures with inversion of polarity sites: new topologies and potentiality. <i>Nucleic Acids Research</i> , 2017 , 45, 8156-8166	20.1	10
24	Interaction of porphyrin with G-quadruplex structures. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005 , 24, 753-6	1.4	9
23	Improved performances of catalytic G-quadruplexes (G4-DNAzymes) via the chemical modifications of the DNA backbone to provide G-quadruplexes with double 3Texternal G-quartets. <i>International Journal of Biological Macromolecules</i> , 2020 , 151, 976-983	7.9	9
22	Synthesis and Structural Characterization of PNA-DNA Quadruplex-Forming Chimeras. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 3364-3371	3.2	8
21	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, 7935-7	5.8	7
20	Molecular modelling studies of four stranded quadruplexes containing a 3T3Tor 5T5TInversion of polarity site. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007 , 26, 1139-43	1.4	7
19	The Introduction of Inversion of Polarity Sites in DNA G-Quadruplex Structures: Effects and Perspectives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016 , 16, 509-23	3.2	7
18	Structural study of four-stranded quadruplex structures containing 2Tdeoxy-8-(propyn-1-yl)adenosine. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 1191-7	3.4	6
17	Structural properties and anticoagulant/cytotoxic activities of heterochiral enantiomeric thrombin binding aptamer (TBA) derivatives. <i>Nucleic Acids Research</i> , 2020 , 48, 12556-12565	20.1	6
16	Aptamers against the EConglutin Allergen: Insights into the Behavior of the Shortest Multimeric (Intra)Molecular DNA G-Quadruplex. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5

15	Unusual Chair-Like G-Quadruplex Structures: Heterochiral TBA Analogues Containing Inversion of Polarity Sites. <i>Journal of Chemistry</i> , 2015 , 2015, 1-6	2.3	4
14	Studies on the influence of inversion of polarity sites on the dG residues glycosidic conformation in quadruplex structures. <i>Nucleic Acids Symposium Series</i> , 2008 , 177-8		4
13	Effects of a 8-oxoadenosine incorporation on quadruplex structures: thermal stabilities and structural studies. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005 , 24, 783-8	1.4	4
12	PNA-DNA chimeras forming quadruplex structures. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003 , 22, 1681-4	1.4	4
11	A novel pyrimidine tetrad contributing to stabilize tetramolecular G-quadruplex structures. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 2938-43	3.9	3
10	More than one non-canonical phosphodiester bond in the G-tract: formation of unusual parallel G-quadruplex structures. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 534-40	3.9	3
9	¹ H-NMR study of the quadruplex [d(TGGGT)] ₄ containing a modified thymine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003 , 22, 1677-80	1.4	2
8	Synthesis and structural study of quadruplex structures containing 2Tdeoxy-8-methyladenosine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005 , 24, 539-43	1.4	2
7	Molecular modeling studies of a parallel stranded quadruplexes containing a 8-bromoadenosine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005 , 24, 789-94	1.4	2
6	Probing the Importance of the G-Quadruplex Grooves for the Activity of the Anti-HIV-Integrase Aptamer T30923. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
5	Novel monomolecular derivatives of the anti-HIV-1 G-quadruplex-forming Hotoda's aptamer containing inversion of polarity sites. <i>European Journal of Medicinal Chemistry</i> , 2020 , 208, 112786	6.8	2
4	Exploring New Potential Anticancer Activities of the G-Quadruplexes Formed by [(GTGT)GT] and Its Derivatives with an Abasic Site Replacing Single Thymidine. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
3	Structural studies and biological evaluation of T30695 variants modified with single chiral glycerol-T reveal the importance of LEDGF/p75 for the aptamer anti-HIV-integrase activities. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 351-361	4	0
2	G-triplex stability in human telomeric DNA with epigenetic modification/oxidative damage to thymine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 134, 1253-1259	4.1	0
1	Antiproliferative Effects of the Aptamer d(GGGT) ₄ and Its Analogues with an Abasic-Site Mimic Loop on Different Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5952	6.3	0