

Marie-Paule Teulade-Fichou

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165
papers

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47
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83
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179
ext. papers

8,816
ext. citations

7.4
avg, IF

5.92
L-index

#	Paper	IF	Citations
165	A hitchhiker's guide to G-quadruplex ligands. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 627-36	3.9	667
164	Highly efficient G-quadruplex recognition by bisquinolinium compounds. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1856-7	16.4	321
163	Fluorescence-based melting assays for studying quadruplex ligands. <i>Methods</i> , 2007 , 42, 183-95	4.6	308
162	Natural and pharmacological regulation of telomerase. <i>Nucleic Acids Research</i> , 2002 , 30, 839-65	20.1	284
161	Reevaluation of telomerase inhibition by quadruplex ligands and their mechanisms of action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 17347-52	11.5	233
160	G-quadruplex-induced instability during leading-strand replication. <i>EMBO Journal</i> , 2011 , 30, 4033-46	13	219
159	Development of a fluorescent intercalator displacement assay (G4-FID) for establishing quadruplex-DNA affinity and selectivity of putative ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 4842-5	2.9	172
158	Selective recognition of G-quadruplex telomeric DNA by a bis(quinacridine) macrocycle. <i>Journal of the American Chemical Society</i> , 2003 , 125, 4732-40	16.4	164
157	G-quadruplex structures in TP53 intron 3: role in alternative splicing and in production of p53 mRNA isoforms. <i>Carcinogenesis</i> , 2011 , 32, 271-8	4.6	156
156	Solution structure of a G-quadruplex bound to the bisquinolinium compound Phen-DC(3). <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 999-1002	16.4	147
155	A G-quadruplex structure within the 5'RUTR of TRF2 mRNA represses translation in human cells. <i>Nucleic Acids Research</i> , 2010 , 38, 7187-98	20.1	145
154	Engineering bisquinolinium/thiazole orange conjugates for fluorescent sensing of G-quadruplex DNA. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 2188-91	16.4	144
153	Stabilization and structure of telomeric and c-myc region intramolecular G-quadruplexes: the role of central cations and small planar ligands. <i>Journal of the American Chemical Society</i> , 2007 , 129, 895-904	16.4	132
152	Genetic instability triggered by G-quadruplex interacting Phen-DC compounds in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2010 , 38, 4337-48	20.1	126
151	The importance of metal geometry in the recognition of G-quadruplex-DNA by metal-terpyridine complexes. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 2555-9	3.9	116
150	A metal-mediated conformational switch controls G-quadruplex binding affinity. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4858-61	16.4	115
149	Synthetic strategies to derivatizable triphenylamines displaying high two-photon absorption. <i>Journal of Organic Chemistry</i> , 2008 , 73, 1732-44	4.2	111

148	Vinyl-pyridinium triphenylamines: novel far-red emitters with high photostability and two-photon absorption properties for staining DNA. <i>ChemBioChem</i> , 2007 , 8, 424-33	3.8	105
147	Visualizing the quadruplex: from fluorescent ligands to light-up probes. <i>Topics in Current Chemistry</i> , 2013 , 330, 111-77		102
146	Development of a high-throughput G4-FID assay for screening and evaluation of small molecules binding quadruplex nucleic acid structures. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 3419-27	4.4	99
145	G-quadruplex recognition by quinacridines: a SAR, NMR, and biological study. <i>ChemMedChem</i> , 2007 , 2, 655-66	3.7	95
144	Specialization among iron-sulfur cluster helicases to resolve G-quadruplex DNA structures that threaten genomic stability. <i>Journal of Biological Chemistry</i> , 2013 , 288, 28217-29	5.4	89
143	Rudimentary G-quadruplex-based telomere capping in <i>Saccharomyces cerevisiae</i> . <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 478-85	17.6	89
142	Molecular Recognition of Nucleotide Pairs by a Cyclo-Bis-Intercalator-Type Receptor Molecule: A Spectrophotometric and Electrospray Mass Spectrometry Study. <i>Chemistry - A European Journal</i> , 1999 , 5, 2762-2771	4.8	88
141	Short loop length and high thermal stability determine genomic instability induced by G-quadruplex-forming minisatellites. <i>EMBO Journal</i> , 2015 , 34, 1718-34	13	87
140	Ligand-induced conformational changes with cation ejection upon binding to human telomeric DNA G-quadruplexes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 750-6	16.4	84
139	DNA switches on the two-photon efficiency of an ultrabright triphenylamine fluorescent probe specific of AT regions. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12697-706	16.4	83
138	Finding needles in a haystack: recognition of mismatched base pairs in DNA by small molecules. <i>Chemical Society Reviews</i> , 2014 , 43, 3630-65	58.5	81
137	An acyclic oligoheteroaryle that discriminates strongly between diverse G-quadruplex topologies. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8745-9	16.4	80
136	Fluorescence intercalator displacement assay for screening G4 ligands towards a variety of G-quadruplex structures. <i>Biochimie</i> , 2011 , 93, 1288-96	4.6	77
135	Trinaphthylamines as robust organic materials for two-photon-induced fluorescence. <i>Journal of the American Chemical Society</i> , 2008 , 130, 16836-7	16.4	76
134	A platinum-quinacridine hybrid as a G-quadruplex ligand. <i>Journal of Biological Inorganic Chemistry</i> , 2007 , 12, 1003-14	3.7	73
133	Asymmetric distyrylpyridinium dyes as red-emitting fluorescent probes for quadruplex DNA. <i>Chemistry - A European Journal</i> , 2013 , 19, 1214-26	4.8	70
132	Exclusive platination of loop adenines in the human telomeric G-quadruplex. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 2864-71	3.9	68
131	Involvement of G-quadruplex regions in mammalian replication origin activity. <i>Nature Communications</i> , 2019 , 10, 3274	17.4	61

130	FRET templated by G-quadruplex DNA: a specific ternary interaction using an original pair of donor/acceptor partners. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11890-3	16.4	61
129	Neomycin-capped aromatic platforms: quadruplex DNA recognition and telomerase inhibition. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 1049-57	3.9	61
128	Interaction of an acridine dimer with DNA quadruplex structures. <i>Journal of Biomolecular Structure and Dynamics</i> , 2001 , 19, 505-13	3.6	61
127	Nucleolin directly mediates Epstein-Barr virus immune evasion through binding to G-quadruplexes of EBNA1 mRNA. <i>Nature Communications</i> , 2017 , 8, 16043	17.4	58
126	Tridentate N-donor palladium(II) complexes as efficient coordinating quadruplex DNA binders. <i>Chemistry - A European Journal</i> , 2011 , 17, 13274-83	4.8	54
125	Template-assembled synthetic G-quadruplex (TASQ): a useful system for investigating the interactions of ligands with constrained quadruplex topologies. <i>Chemistry - A European Journal</i> , 2010 , 16, 6106-14	4.8	51
124	Threading bis-intercalation of a macrocyclic bisacridine at abasic sites in DNA: nuclear magnetic resonance and molecular modeling study. <i>Biochemistry</i> , 1999 , 38, 14205-13	3.2	51
123	Molecular recognition of nucleosides and nucleotides by a water-soluble cyclo-bis-intercaland receptor based on acridine subunits. <i>Supramolecular Chemistry</i> , 1995 , 5, 139-147	1.8	51
122	Carbohydrate-Porphyrin Conjugates with Two-Photon Absorption Properties as Potential Photosensitizing Agents for Photodynamic Therapy. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 1271-1279	3.2	50
121	Synthesis and characterization of glycoconjugated porphyrin triphenylamine hybrids for targeted two-photon photodynamic therapy. <i>Journal of Organic Chemistry</i> , 2014 , 79, 1406-17	4.2	49
120	Putative DNA G-quadruplex formation within the promoters of Plasmodium falciparum var genes. <i>BMC Genomics</i> , 2009 , 10, 362	4.5	48
119	Stimulation of ribosomal frameshifting by RNA G-quadruplex structures. <i>Nucleic Acids Research</i> , 2014 , 42, 1887-92	20.1	47
118	Plasmodium telomeric sequences: structure, stability and quadruplex targeting by small compounds. <i>ChemBioChem</i> , 2008 , 9, 2730-9	3.8	47
117	Stabilization of the G-quadruplex at the VEGF IRES represses cap-independent translation. <i>RNA Biology</i> , 2015 , 12, 320-9	4.8	42
116	"One ring to bind them all"-part I: the efficiency of the macrocyclic scaffold for g-quadruplex DNA recognition. <i>Journal of Nucleic Acids</i> , 2010 , 2010,	2.3	42
115	Vinyl-triphenylamine dyes, a new family of switchable fluorescent probes for targeted two-photon cellular imaging: from DNA to protein labeling. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 6054-61	3.9	41
114	Carbohydrate-conjugated porphyrin dimers: synthesis and photobiological evaluation for a potential application in one-photon and two-photon photodynamic therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 153-65	3.4	41
113	Macrocyclic DNA-mismatch-binding ligands: structural determinants of selectivity. <i>Chemistry - A European Journal</i> , 2010 , 16, 878-89	4.8	41

112	Mitochondria-targeted Triphenylamine Derivatives Activatable by Two-Photon Excitation for Triggering and Imaging Cell Apoptosis. <i>Scientific Reports</i> , 2016 , 6, 21458	4.9	40
111	Thermodynamic fingerprints of ligand binding to human telomeric G-quadruplexes. <i>Nucleic Acids Research</i> , 2015 , 43, 10376-86	20.1	39
110	Selective recognition of pyrimidine-pyrimidine DNA mismatches by distance-constrained macrocyclic bis-intercalators. <i>Nucleic Acids Research</i> , 2008 , 36, 5000-12	20.1	37
109	A Metal-Mediated Conformational Switch Controls G-Quadruplex Binding Affinity. <i>Angewandte Chemie</i> , 2008 , 120, 4936-4939	3.6	37
108	Detection of organic anions in water through complexation enhanced fluorescence of a macrobicyclic tris-acridine cryptand. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996 , 2169		37
107	Thermodynamically stable and genetically unstable G-quadruplexes are depleted in genomes across species. <i>Nucleic Acids Research</i> , 2019 , 47, 6098-6113	20.1	36
106	Photo-cross-linking probes for trapping G-quadruplex DNA. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 994-8	16.4	36
105	A common intronic variant of PARP1 confers melanoma risk and mediates melanocyte growth via regulation of MITF. <i>Nature Genetics</i> , 2017 , 49, 1326-1335	36.3	36
104	Efficient suppression of gene expression by targeting 5RUTR-based RNA quadruplexes with bisquinolinium compounds. <i>ChemBioChem</i> , 2011 , 12, 1663-8	3.8	36
103	Cyclobisintercaland Macrocycles: Synthesis and Physicochemical Properties of Macrocyclic Polyamines Containing Two Crescent-Shaped Dibenzophenanthroline Subunits. <i>Journal of Organic Chemistry</i> , 1997 , 62, 5458-5470	4.2	36
102	Efficient copper (II)-mediated nuclease activity of ortho-quinacridines. <i>Chemical Communications</i> , 1998 , 2349-2350	5.8	36
101	G-quadruplexes Sequester Free Heme in Living Cells. <i>Cell Chemical Biology</i> , 2019 , 26, 1681-1691.e5	8.2	35
100	Vinyl-diazine triphenylamines and their N-methylated derivatives: Synthesis, photophysical properties and application for staining DNA. <i>Dyes and Pigments</i> , 2012 , 95, 400-407	4.6	35
99	Bisquinolinium compounds induce quadruplex-specific transcriptome changes in HeLa S3 cell lines. <i>BMC Research Notes</i> , 2012 , 5, 138	2.3	35
98	Engineering Bisquinolinium/Thiazole Orange Conjugates for Fluorescent Sensing of G-Quadruplex DNA. <i>Angewandte Chemie</i> , 2009 , 121, 2222-2225	3.6	35
97	G-quartets assembly within a G-rich DNA flap. A possible event at the center of the HIV-1 genome. <i>Nucleic Acids Research</i> , 2002 , 30, 5276-83	20.1	34
96	Inhibition of dicing of guanosine-rich shRNAs by quadruplex-binding compounds. <i>ChemBioChem</i> , 2008 , 9, 2722-9	3.8	33
95	Recognition of G-quadruplex DNA by triangular star-shaped compounds: with or without side chains?. <i>Chemistry - A European Journal</i> , 2011 , 17, 4529-39	4.8	32

94	Direct photocleavage of HIV-DNA by quinacridine derivatives triggered by triplex formation. <i>Journal of the American Chemical Society</i> , 2001 , 123, 9283-92	16.4	32
93	Interactions of Pt-ttpy with G-Quadruplexes Originating from Promoter Region of the c-myc Gene Deciphered by NMR and Gel Electrophoresis Analysis. <i>Chemistry - A European Journal</i> , 2015 , 21, 7798-807	4.8	31
92	Nucleic acids targeted to drugs: SELEX against a quadruplex ligand. <i>Biochimie</i> , 2011 , 93, 1357-67	4.6	31
91	Double threading through DNA: NMR structural study of a bis-naphthalene macrocycle bound to a thymine-thymine mismatch. <i>Nucleic Acids Research</i> , 2012 , 40, 5115-28	20.1	31
90	Recognition of Abasic Sites in DNA by a Cyclobisacridine Molecule. <i>Chemistry - A European Journal</i> , 1999 , 5, 3625-3630	4.8	31
89	Small molecule binding to a G-hairpin and a G-triplex: a new insight into anticancer drug design targeting G-rich regions. <i>Chemical Communications</i> , 2015 , 51, 9181-4	5.8	30
88	The human mitochondrial transcription factor A is a versatile G-quadruplex binding protein. <i>Scientific Reports</i> , 2017 , 7, 43992	4.9	29
87	Topology-Selective, Fluorescent "Light-Up" Probes for G-Quadruplex DNA Based on Photoinduced Electron Transfer. <i>Chemistry - A European Journal</i> , 2018 , 24, 12638-12651	4.8	29
86	DNA mismatch-specific base flipping by a bisacridine macrocycle. <i>ChemBioChem</i> , 2003 , 4, 1326-31	3.8	29
85	The G-Quadruplex-Specific RNA Helicase DHX36 Regulates p53 Pre-mRNA 3'End Processing Following UV-Induced DNA Damage. <i>Journal of Molecular Biology</i> , 2017 , 429, 3121-3131	6.5	28
84	Monitoring DNA-Ligand Interactions in Living Human Cells Using NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2019 , 141, 13281-13285	16.4	28
83	Influence of carbohydrate biological vectors on the two-photon resonance of porphyrin oligomers. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 6503-8	2.8	26
82	Synthesis and evaluation of fused bispyrimidinoacridines as novel pentacyclic analogues of quadruplex-binder BRACO-19. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 5219-28	3.9	26
81	Sequence-specific Methyltransferase-Induced Labelling (SMILing) of plasmid DNA for studying cell transfection. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 40-8	3.4	26
80	"One Ring to Bind Them All"-Part II: Identification of Promising G-Quadruplex Ligands by Screening of Cyclophane-Type Macrocycles. <i>Journal of Nucleic Acids</i> , 2010 , 2010,	2.3	25
79	Locking the free-rotation of a prochiral star-shaped guest molecule inside a two-dimensional nanoporous network by introduction of chlorine atoms. <i>Chemical Communications</i> , 2011 , 47, 10091-3	5.8	25
78	Telomere targeting with a new G4 ligand enhances radiation-induced killing of human glioblastoma cells. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 1784-95	6.1	25
77	Stabilization of DNA Triple Helices by Crescent-Shaped Dibenzophenanthrolines. <i>Chemistry - A European Journal</i> , 1998 , 4, 1504-1508	4.8	25

76	G-quadruplex-binding ligand-induced DNA synapsis inside a DNA origami frame. <i>RSC Advances</i> , 2014 , 4, 6346	3.7	24
75	G4-FID: a fluorescent DNA probe displacement assay for rapid evaluation of quadruplex ligands. <i>Methods in Molecular Biology</i> , 2010 , 608, 257-71	1.4	24
74	Solution Structure of a G-quadruplex Bound to the Bisquinolinium Compound Phen-DC3. <i>Angewandte Chemie</i> , 2014 , 126, 1017-1020	3.6	23
73	Cationic pentaheteroaryls as selective G-quadruplex ligands by solvent-free microwave-assisted synthesis. <i>Chemistry - A European Journal</i> , 2012 , 18, 14487-96	4.8	23
72	An Acyclic Oligoheteroaryle That Discriminates Strongly between Diverse G-Quadruplex Topologies. <i>Angewandte Chemie</i> , 2011 , 123, 8904-8908	3.6	23
71	Linking of Antitumor trans NHC-Pt(II) Complexes to G-Quadruplex DNA Ligand for Telomeric Targeting. <i>Bioconjugate Chemistry</i> , 2016 , 27, 1456-70	6.3	23
70	Copper-Alkyne Complexation Responsible for the Nucleolar Localization of Quadruplex Nucleic Acid Drugs Labeled by Click Reactions. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11365-11369	16.4	21
69	Surface plasmon resonance imaging (SPRi) as an alternative technique for rapid and quantitative screening of small molecules, useful in drug discovery. <i>Sensors and Actuators B: Chemical</i> , 2011 , 157, 304-309	8.5	21
68	Triazatrinaphthylene, a three-fold symmetry planar conjugated system with two-dimensional self-assembly properties. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3175		21
67	Mitochondria-targeted cationic porphyrin-triphenylamine hybrids for enhanced two-photon photodynamic therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 107-118	3.4	21
66	A fluorescent bisanthracene macrocycle discriminates between matched and mismatch-containing DNA. <i>Chemistry - A European Journal</i> , 2009 , 15, 1314-8	4.8	20
65	Synthesis of mono- and bibrachial naphthalene-based macrocycles with pyrene or ferrocene units for anion detection. <i>Tetrahedron</i> , 2009 , 65, 1349-1360	2.4	20
64	hnRNP A1-mediated translational regulation of the G quadruplex-containing RON receptor tyrosine kinase mRNA linked to tumor progression. <i>Oncotarget</i> , 2016 , 7, 16793-805	3.3	20
63	Selectivity of Terpyridine Platinum Anticancer Drugs for G-quadruplex DNA. <i>Molecules</i> , 2019 , 24,	4.8	19
62	Aminoglycoside-quinacridine conjugates: towards recognition of the P6.1 element of telomerase RNA. <i>ChemBioChem</i> , 2006 , 7, 321-9	3.8	19
61	A mechanism for the extension and unfolding of parallel telomeric G-quadruplexes by human telomerase at single-molecule resolution. <i>ELife</i> , 2020 , 9,	8.9	19
60	Impact of G-quadruplex structures and intronic polymorphisms rs17878362 and rs1642785 on basal and ionizing radiation-induced expression of alternative p53 transcripts. <i>Carcinogenesis</i> , 2014 , 35, 2706-15	4.6	18
59	meta-Substituted triphenylamines as new dyes displaying exceptionally large Stokes shifts. <i>Tetrahedron Letters</i> , 2010 , 51, 4429-4432	2	18

58	Identification of trinucleotide repeat ligands with a FRET melting assay. <i>ChemBioChem</i> , 2008 , 9, 1229-34	3.8	18
57	Novel cationic bis(acylhydrazones) as modulators of Epstein-Barr virus immune evasion acting through disruption of interaction between nucleolin and G-quadruplexes of EBNA1 mRNA. <i>European Journal of Medicinal Chemistry</i> , 2019 , 178, 13-29	6.8	17
56	Highly efficient radiosensitization of human glioblastoma and lung cancer cells by a G-quadruplex DNA binding compound. <i>Scientific Reports</i> , 2015 , 5, 16255	4.9	16
55	Screening of a chemical library by HT-G4-FID for discovery of selective G-quadruplex binders. <i>Current Pharmaceutical Design</i> , 2012 , 18, 1992-2001	3.3	16
54	Systematic Analysis of Compounds Specifically Targeting Telomeres and Telomerase for Clinical Implications in Cancer Therapy. <i>Cancer Research</i> , 2018 , 78, 6282-6296	10.1	16
53	Identification of Three-Way DNA Junction Ligands through Screening of Chemical Libraries and Validation by Complementary in Vitro Assays. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 4456-4466	8.3	15
52	Dominant Driving Forces in Human Telomere Quadruplex Binding-Induced Structural Alterations. <i>Biophysical Journal</i> , 2015 , 108, 2903-11	2.9	15
51	Glycoconjugated porphyrin dimers as robust ratiometric temperature sensors. <i>Chemical Communications</i> , 2014 , 50, 9529-32	5.8	15
50	PhenDV, a turn-off fluorescent quadruplex DNA probe for improving the sensitivity of drug screening assays. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 7117-7121	3.9	15
49	Photoactivatable platinum(II) terpyridine derivatives for G-quadruplex DNA double anchoring. <i>Inorganica Chimica Acta</i> , 2016 , 452, 152-158	2.7	15
48	Aggregating distyrylpyridinium dye as a bimodal structural probe for G-quadruplex DNA. <i>New Journal of Chemistry</i> , 2015 , 39, 5931-5935	3.6	14
47	Nucleolin Discriminates Drastically between Long-Loop and Short-Loop Quadruplexes. <i>Biochemistry</i> , 2020 , 59, 1261-1272	3.2	14
46	Bisporphyrin connected by pyrimidine: synthesis and photophysical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010 , 14, 877-884	1.8	14
45	Palladium versus copper-catalyzed N-arylation towards an efficient access to polysubstituted dibenzophenanthrolines and carbazoles. <i>Tetrahedron Letters</i> , 2005 , 46, 2589-2592	2	14
44	Influence of the oxazole ring connection on the fluorescence of oxazolyl-triphenylamine biphotonic DNA probes. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 358-70	3.9	13
43	Identification of human telomerase assembly inhibitors enabled by a novel method to produce hTERT. <i>Nucleic Acids Research</i> , 2015 , 43, e99	20.1	12
42	A yeast model for the mechanism of the Epstein-Barr virus immune evasion identifies a new therapeutic target to interfere with the virus stealthiness. <i>Microbial Cell</i> , 2017 , 4, 305-307	3.9	12
41	In Cellulo Protein-mRNA Interaction Assay to Determine the Action of G-Quadruplex-Binding Molecules. <i>Molecules</i> , 2018 , 23,	4.8	12

40	SARS-CoV-2 Nsp3 unique domain SUD interacts with guanine quadruplexes and G4-ligands inhibit this interaction. <i>Nucleic Acids Research</i> , 2021 , 49, 7695-7712	20.1	12
39	Probing ligand and cation binding sites in G-quadruplex nucleic acids by mass spectrometry and electron photodetachment dissociation sequencing. <i>Analyst, The</i> , 2019 , 144, 3518-3524	5	11
38	Cationic azacryptands as selective three-way DNA junction binding agents. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 215-22	3.9	11
37	Photo-Cross-Linking Probes for Trapping G-Quadruplex DNA. <i>Angewandte Chemie</i> , 2014 , 126, 1012-1016	3.6	11
36	A streptavidin paramagnetic-particle based competition assay for the evaluation of the optical selectivity of quadruplex nucleic acid fluorescent probes. <i>Methods</i> , 2012 , 57, 129-37	4.6	11
35	Oxadiazole/Pyridine-Based Ligands: A Structural Tuning for Enhancing G-Quadruplex Binding. <i>Molecules</i> , 2018 , 23,	4.8	11
34	Efficient inhibition of human AP endonuclease 1 (APE1) via substrate masking by abasic site-binding macrocyclic ligands. <i>Chemical Communications</i> , 2015 , 51, 15948-51	5.8	10
33	Association of a Platinum Complex to a G-Quadruplex Ligand Enhances Telomere Disruption. <i>Chemical Research in Toxicology</i> , 2017 , 30, 1629-1640	4	10
32	Selective photocleavage of single-stranded nucleic acids by cyclobisintercaland molecules. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998 , 8, 601-6	2.9	10
31	Polyheteroaryl Oxazole/Pyridine-Based Compounds Selected in Vitro as G-Quadruplex Ligands Inhibit Rock Kinase and Exhibit Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 10502-10518 ^{8,3,10}	8.3	10
30	Synthesis, properties, and remarkable 2 D Self-Assembly at the Liquid/Solid interface of a series of triskele-shaped 5,11,17-triazatrinaphthylenes (TrisK). <i>Chemistry - A European Journal</i> , 2013 , 19, 14654-64 ^{4,8}	4.8	9
29	Identification of optimal fluorescent probes for G-quadruplex nucleic acids through systematic exploration of mono- and distyryl dye libraries. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1872-1889 ^{2,5}	3.5	8
28	TWJ-Screen: an isothermal screening assay to assess ligand/DNA junction interactions in vitro. <i>Nucleic Acids Research</i> , 2018 , 46, e16	20.1	8
27	DNA double helix destabilizing properties of cyclobisintercaland compounds and competition with a single strand binding protein. <i>Bioorganic and Medicinal Chemistry</i> , 2000 , 8, 215-22	3.4	8
26	Targeting Conformational Activation of CDK2 Kinase. <i>Biotechnology Journal</i> , 2017 , 12, 1600531	5.6	7
25	Effects of a halogenated G-quadruplex ligand from the pyridine dicarboxamide series on the terminal sequence of XpYp telomere in HT1080 cells. <i>Biochimie</i> , 2012 , 94, 2559-68	4.6	7
24	Ligand Binding to Dynamically Populated G-Quadruplex DNA. <i>ChemBioChem</i> , 2021 , 22, 1811-1817	3.8	6
23	Fluorogenic Pt complexes distinguish the quantity and folding behavior of RNA G-quadruplexes between live cancerous and healthy cells. <i>Chemical Communications</i> , 2020 , 56, 14459-14462	5.8	5

22	Comparative study of affinity and selectivity of ligands targeting abasic and mismatch sites in DNA using a fluorescence-melting assay. <i>Biochimie</i> , 2016 , 128-129, 133-7	4.6	5
21	Beneficial Effect of Mukaiyama Reagent on Macrobislectamization Reactions. <i>Synlett</i> , 2006 , 2006, 3423-3426		5
20	Exploring the mechanism of inhibition of human telomerase by cysteine-reactive compounds. <i>FEBS Letters</i> , 2017 , 591, 863-874	3.8	4
19	Sneaking Out for Happy Hour: Yeast-Based Approaches to Explore and Modulate Immune Response and Immune Evasion. <i>Genes</i> , 2019 , 10,	4.2	4
18	Interplay between Cellular Uptake, Intracellular Localization and the Cell Death Mechanism in Triphenylamine-Mediated Photoinduced Cell Death. <i>Scientific Reports</i> , 2020 , 10, 6881	4.9	4
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