

# Anh Tuan Phan

## List of Publications by Year in descending order

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129  
papers

14,194  
citations

28190

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20307

116  
g-index

139  
all docs

139  
docs citations

139  
times ranked

6855  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human telomere, oncogenic promoter and 5'-UTR G-quadruplexes: diverse higher order DNA and RNA targets for cancer therapeutics. <i>Nucleic Acids Research</i> , 2007, 35, 7429-7455.	6.5	812
2	Structure of the Human Telomere in K <sup>+</sup> Solution: An Intramolecular (3 + 1) G-Quadruplex Scaffold. <i>Journal of the American Chemical Society</i> , 2006, 128, 9963-9970.	6.6	759
3	Following G-quartet formation by UV-spectroscopy. <i>FEBS Letters</i> , 1998, 435, 74-78.	1.3	621
4	Structural Basis for Discriminative Regulation of Gene Expression by Adenine- and Guanine-Sensing mRNAs. <i>Chemistry and Biology</i> , 2004, 11, 1729-1741.	6.2	505
5	Small-molecule interaction with a five-guanine-tract G-quadruplex structure from the human MYC promoter. <i>Nature Chemical Biology</i> , 2005, 1, 167-173.	3.9	483
6	Structure of two intramolecular G-quadruplexes formed by natural human telomere sequences in K <sup>+</sup> solution. <i>Nucleic Acids Research</i> , 2007, 35, 6517-6525.	6.5	480
7	Propeller-Type Parallel-Stranded G-Quadruplexes in the Human c-myc Promoter. <i>Journal of the American Chemical Society</i> , 2004, 126, 8710-8716.	6.6	477
8	Human telomeric G-quadruplex: structures of DNA and RNA sequences. <i>FEBS Journal</i> , 2010, 277, 1107-1117.	2.2	467
9	Structure of the Human Telomere in K <sup>+</sup> Solution: A Stable Basket-Type G-Quadruplex with Only Two G-Tetrad Layers. <i>Journal of the American Chemical Society</i> , 2009, 131, 4301-4309.	6.6	439
10	Structure of an Unprecedented G-Quadruplex Scaffold in the Human c-kit Promoter. <i>Journal of the American Chemical Society</i> , 2007, 129, 4386-4392.	6.6	418
11	Human telomeric DNA: G-quadruplex, i-motif and Watson-Crick double helix. <i>Nucleic Acids Research</i> , 2002, 30, 4618-4625.	6.5	407
12	Structural basis for gene regulation by a thiamine pyrophosphate-sensing riboswitch. <i>Nature</i> , 2006, 441, 1167-1171.	13.7	404
13	Structure of Human Telomeric DNA in Crowded Solution. <i>Journal of the American Chemical Society</i> , 2011, 133, 9824-9833.	6.6	313
14	Different loop arrangements of intramolecular human telomeric (3+1) G-quadruplexes in K <sup>+</sup> solution. <i>Nucleic Acids Research</i> , 2006, 34, 5715-5719.	6.5	295
15	Two-Repeat Human Telomeric d(TAGGGTTAGGCT) Sequence Forms Interconverting Parallel and Antiparallel G-Quadruplexes in Solution: Distinct Topologies, Thermodynamic Properties, and Folding/Unfolding Kinetics. <i>Journal of the American Chemical Society</i> , 2003, 125, 15021-15027.	6.6	267
16	DNA architecture: from G to Z. <i>Current Opinion in Structural Biology</i> , 2006, 16, 288-298.	2.6	258
17	Bulges in G-Quadruplexes: Broadening the Definition of G-Quadruplex-Forming Sequences. <i>Journal of the American Chemical Society</i> , 2013, 135, 5017-5028.	6.6	251
18	NMR spectroscopy of G-quadruplexes. <i>Methods</i> , 2012, 57, 11-24.	1.9	249

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19	From The Cover: An interlocked dimeric parallel-stranded DNA quadruplex: A potent inhibitor of HIV-1 integrase. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 634-639.	3.3	241
20	The solution structure and internal motions of a fragment of the cytidine-rich strand of the human telomere 1 Edited by I. Tinoco. Journal of Molecular Biology, 2000, 299, 123-144.	2.0	215
21	Structure of Propeller-Type Parallel-Stranded RNA G-Quadruplexes, Formed by Human Telomeric RNA Sequences in K <sup>+</sup> Solution. Journal of the American Chemical Society, 2009, 131, 2570-2578.	6.6	213
22	Structure-function studies of FMRP RGG peptide recognition of an RNA duplex-quadruplex junction. Nature Structural and Molecular Biology, 2011, 18, 796-804.	3.6	205
23	Solution Structure of a G-quadruplex Bound to the Bisquinolinium Compound Phenanthroline-3. Angewandte Chemie - International Edition, 2014, 53, 999-1002.	7.2	186
24	Structural basis for Diels-Alder ribozyme-catalyzed carbon-carbon bond formation. Nature Structural and Molecular Biology, 2005, 12, 218-224.	3.6	183
25	Solution structures of all parallel-stranded monomeric and dimeric G-quadruplex scaffolds of the human c-kit2 promoter. Nucleic Acids Research, 2010, 38, 6757-6773.	6.5	168
26	Solution Structure of an Intramolecular (3 + 1) Human Telomeric G-Quadruplex Bound to a Telomestatin Derivative. Journal of the American Chemical Society, 2013, 135, 13495-13501.	6.6	159
27	Stacking of G-quadruplexes: NMR structure of a G-rich oligonucleotide with potential anti-HIV and anticancer activity. Nucleic Acids Research, 2011, 39, 9448-9457.	6.5	154
28	Structural Basis for Recognition and Sequestration of UUUOH 3' Termini of Nascent RNA Polymerase III Transcripts by La, a Rheumatic Disease Autoantigen. Molecular Cell, 2006, 21, 75-85.	4.5	141
29	Coexistence of Two Distinct G-Quadruplex Conformations in the hTERT Promoter. Journal of the American Chemical Society, 2010, 132, 12331-12342.	6.6	138
30	Sequence variant (CTAGGG) <sub>n</sub> in the human telomere favors a G-quadruplex structure containing a G <sub>4</sub> C <sub>4</sub> G <sub>4</sub> C <sub>4</sub> tetrad. Nucleic Acids Research, 2009, 37, 6239-6248.	6.5	132
31	Structure of the human telomere in Na <sup>+</sup> solution: an antiparallel (2+2) G-quadruplex scaffold reveals additional diversity. Nucleic Acids Research, 2013, 41, 10556-10562.	6.5	121
32	Short loop length and high thermal stability determine genomic instability induced by G-quadruplex-forming minisatellites. EMBO Journal, 2015, 34, 1718-1734.	3.5	117
33	Insights into G-quadruplex specific recognition by the DEAH-box helicase RHAU: Solution structure of a peptide-quadruplex complex. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9608-9613.	3.3	117
34	Guanine base stacking in G-quadruplex nucleic acids. Nucleic Acids Research, 2013, 41, 2034-2046.	6.5	116
35	A Site-Specific Low-Enrichment <sup>15</sup> N, <sup>13</sup> C Isotope-Labeling Approach to Unambiguous NMR Spectral Assignments in Nucleic Acids. Journal of the American Chemical Society, 2002, 124, 1160-1161.	6.6	112
36	Monomer-Dimer Equilibrium for the 5' Stacking of Propeller-Type Parallel-Stranded G-Quadruplexes: NMR Structural Study. Chemistry - A European Journal, 2012, 18, 14752-14759.	1.7	111

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37	Structural Basis of DNA Quadruplex "Duplex Junction Formation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8566-8569.	7.2	109
38	Structure of a left-handed DNA G-quadruplex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2729-2733.	3.3	109
39	(3 + 1) Assembly of Three Human Telomeric Repeats into an Asymmetric Dimeric G-Quadruplex. <i>Journal of the American Chemical Society</i> , 2005, 127, 17277-17285.	6.6	107
40	Metamaterials-Based Label-Free Nanosensor for Conformation and Affinity Biosensing. <i>ACS Nano</i> , 2013, 7, 7583-7591.	7.3	104
41	Formation of Pearl-Necklace Monomorphic G-Quadruplexes in the Human CEB25 Minisatellite. <i>Journal of the American Chemical Society</i> , 2012, 134, 5807-5816.	6.6	95
42	Long-range imino proton- <sup>13</sup> C J-couplings and the through-bond correlation of imino and non-exchangeable protons in unlabeled DNA. , 2000, 16, 175-178.		92
43	HIV-1 integrase inhibitor T30177 forms a stacked dimeric G-quadruplex structure containing bulges. <i>Nucleic Acids Research</i> , 2011, 39, 8984-8991.	6.5	92
44	Structure of Human Telomeric RNA (TERRA): Stacking of Two G-Quadruplex Blocks in K <sup>+</sup> Solution. <i>Biochemistry</i> , 2013, 52, 2176-2183.	1.2	88
45	Major G-Quadruplex Form of HIV-1 LTR Reveals a (3 + 1) Folding Topology Containing a Stem-Loop. <i>Journal of the American Chemical Society</i> , 2018, 140, 13654-13662.	6.6	81
46	Dynamics and stability of polymorphic human telomeric G-quadruplex under tension. <i>Nucleic Acids Research</i> , 2014, 42, 8789-8795.	6.5	79
47	Structure and possible function of a G-quadruplex in the long terminal repeat of the proviral HIV-1 genome. <i>Nucleic Acids Research</i> , 2016, 44, 6442-6451.	6.5	76
48	Investigation of Unusual DNA Motifs. <i>Methods in Enzymology</i> , 2002, 338, 341-371.	0.4	74
49	Determination of the residence time of water molecules hydrating B <sup>2+</sup> -DNA and B-DNA, by one-dimensional zero-enhancement nuclear overhauser effect spectroscopy 1 Edited by I. Tinoco. <i>Journal of Molecular Biology</i> , 1999, 286, 505-519.	2.0	73
50	G-quadruplex structure of an anti-proliferative DNA sequence. <i>Nucleic Acids Research</i> , 2017, 45, 7487-7493.	6.5	73
51	Structure of Long Human Telomeric RNA (TERRA): G-Quadruplexes Formed by Four and Eight UUAGGG Repeats Are Stable Building Blocks. <i>Biochemistry</i> , 2011, 50, 6455-6461.	1.2	71
52	G-quadruplexes with (4 + 1) guanines in the G-tetrad core: formation of a G-triad-water complex and implication for small-molecule binding. <i>Nucleic Acids Research</i> , 2016, 44, 910-916.	6.5	70
53	Duplex stem-loop-containing quadruplex motifs in the human genome: a combined genomic and structural study. <i>Nucleic Acids Research</i> , 2015, 43, 5630-5646.	6.5	66
54	Structure and Conformational Dynamics of a Stacked Dimeric G-Quadruplex Formed by the Human CEB1 Minisatellite. <i>Journal of the American Chemical Society</i> , 2014, 136, 6297-6305.	6.6	63

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55	Post-translational formation of strained cyclophanes in bacteria. <i>Nature Chemistry</i> , 2020, 12, 1042-1053.	6.6	62
56	A novel chair-type G-quadruplex formed by a <i>Bombyx mori</i> telomeric sequence. <i>Nucleic Acids Research</i> , 2009, 37, 931-938.	6.5	61
57	<i>Giardia</i> Telomeric Sequence d(TAGGG) <sub>4</sub> Forms Two Intramolecular G-Quadruplexes in K <sup>+</sup> Solution: Effect of Loop Length and Sequence on the Folding Topology. <i>Journal of the American Chemical Society</i> , 2009, 131, 16824-16831.	6.6	61
58	Following G-quadruplex formation by its intrinsic fluorescence. <i>FEBS Letters</i> , 2011, 585, 3969-3977.	1.3	58
59	High-resolution AFM structure of DNA G-wires in aqueous solution. <i>Nature Communications</i> , 2018, 9, 1959.	5.8	57
60	Two-repeat Tetrahymena Telomeric d(TGGGGTTGGGGT) Sequence Interconverts Between Asymmetric Dimeric G-quadruplexes in Solution. <i>Journal of Molecular Biology</i> , 2004, 338, 93-102.	2.0	55
61	Thermal Stability of DNA Quadruplex-Duplex Hybrids. <i>Biochemistry</i> , 2014, 53, 247-257.	1.2	55
62	Formation of (3+1) G-Quadruplexes with a Long Loop by Human Telomeric DNA Spanning Five or More Repeats. <i>Journal of the American Chemical Society</i> , 2011, 133, 11462-11465.	6.6	54
63	Formation of G-Quadruplexes in Poly-G Sequences: Structure of a Propeller-Type Parallel-Stranded G-Quadruplex Formed by a G <sub>15</sub> Stretch. <i>Biochemistry</i> , 2014, 53, 7718-7723.	1.2	53
64	Effects of Site-Specific Guanine C8-Modifications on an Intramolecular DNA G-Quadruplex. <i>Biophysical Journal</i> , 2011, 101, 1987-1998.	0.2	48
65	Electron-Hole Transfer in G-Quadruplexes with Different Tetrad Stacking Geometries: A Combined QM and MD Study. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9851-9856.	1.2	45
66	Solution structure and base pair opening kinetics of the i-motif dimer of d(5mCCTTTACC): a noncanonical structure with possible roles in chromosome stability. <i>Structure</i> , 1997, 5, 1231-1247.	1.6	44
67	Structure of a (3+1) hybrid G-quadruplex in the <i>PARP1</i> promoter. <i>Nucleic Acids Research</i> , 2019, 47, 1564-1572.	6.5	43
68	Sugar-modified G-quadruplexes: effects of LNA-, 2'-F-RNA and 2'-F-ANA-guanosine chemistries on G-quadruplex structure and stability. <i>Nucleic Acids Research</i> , 2014, 42, 4068-4079.	6.5	42
69	Discovery of a Structural-Element Specific G-Quadruplex $\alpha$ -Light-Up-Probe. <i>Scientific Reports</i> , 2014, 4, 3776.	1.6	41
70	A Minimal Sequence for Left-Handed G-Quadruplex Formation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2331-2335.	7.2	41
71	The biofilm matrix scaffold of <i>Pseudomonas aeruginosa</i> contains G-quadruplex extracellular DNA structures. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 27.	2.9	40
72	Joining of Multiple Duplex Stems at a Single Quadruplex Loop. <i>Journal of the American Chemical Society</i> , 2014, 136, 17969-17973.	6.6	39

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73	Simultaneous Binding of Hybrid Molecules Constructed with Dual DNA-Binding Components to a G-Quadruplex and Its Proximal Duplex. <i>Chemistry - A European Journal</i> , 2018, 24, 4428-4435.	1.7	39
74	A Catalytic and Selective Scissoring Molecular Tool for Quadruplex Nucleic Acids. <i>Journal of the American Chemical Society</i> , 2018, 140, 14528-14532.	6.6	39
75	Human telomeres that contain (CTAGGG) <sub>n</sub> repeats show replication dependent instability in somatic cells and the male germline. <i>Nucleic Acids Research</i> , 2009, 37, 6225-6238.	6.5	37
76	2'-F-ANA-guanosine and 2'-F-guanosine as powerful tools for structural manipulation of G-quadruplexes. <i>Chemical Communications</i> , 2012, 48, 11425.	2.2	37
77	Formation of a Stacked Dimeric G-Quadruplex Containing Bulges by the 5'-Terminal Region of Human Telomerase RNA (hTERC). <i>Biochemistry</i> , 2014, 53, 1595-1600.	1.2	36
78	Intramolecular i-Motif Structures of Telomeric DNA. <i>Journal of Biomolecular Structure and Dynamics</i> , 2000, 17, 245-251.	2.0	35
79	A Dual-Specific Targeting Approach Based on the Simultaneous Recognition of Duplex and Quadruplex Motifs. <i>Scientific Reports</i> , 2017, 7, 11969.	1.6	35
80	Non-Canonical G-quadruplexes cause the hCEB1 minisatellite instability in <i>Saccharomyces cerevisiae</i> . <i>ELife</i> , 2017, 6, .	2.8	34
81	Xanthine and 8-oxoguanine in G-quadruplexes: formation of a G-C-G-X-O tetrad. <i>Nucleic Acids Research</i> , 2015, 43, gkv826.	6.5	31
82	Excimer Formation by Stacking G-Quadruplex Blocks. <i>ChemPhysChem</i> , 2013, 14, 2667-2671.	1.0	30
83	NMR solution and X-ray crystal structures of a DNA molecule containing both right- and left-handed parallel-stranded G-quadruplexes. <i>Nucleic Acids Research</i> , 2019, 47, 8272-8281.	6.5	30
84	Folding Kinetics of G-Quadruplexes: Duplex Stem Loops Drive and Accelerate G-Quadruplex Folding. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5122-5130.	1.2	30
85	Inverting the G-Tetrad Polarity of a G-Quadruplex by Using Xanthine and 8-Oxoguanine. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 160-163.	7.2	29
86	Intra-locked G-quadruplex structures formed by irregular DNA G-rich motifs. <i>Nucleic Acids Research</i> , 2020, 48, 3315-3327.	6.5	29
87	G4-PROTAC: targeted degradation of a G-quadruplex binding protein. <i>Chemical Communications</i> , 2021, 57, 12816-12819.	2.2	29
88	Influence of Base Stacking Geometry on the Nature of Excited States in G-Quadruplexes: A Time-Dependent DFT Study. <i>Journal of Physical Chemistry B</i> , 2015, 119, 3697-3705.	1.2	28
89	Duplex formation in a G-quadruplex bulge. <i>Nucleic Acids Research</i> , 2020, 48, 10567-10575.	6.5	28
90	Bright G-Quadruplex Nanostructures Functionalized with Porphyrin Lanterns. <i>Journal of the American Chemical Society</i> , 2019, 141, 12582-12591.	6.6	26

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91	Solution Structures of a G-Quadruplex Bound to Linear- and Cyclic-Dinucleotides. <i>Journal of the American Chemical Society</i> , 2019, 141, 18038-18047.	6.6	24
92	A novel G-quadruplex motif modulates promoter activity of human <i>hTERT</i> . <i>FEBS Journal</i> , 2010, 277, 4254-4264.	2.2	22
93	Cyclization of a G4-specific peptide enhances its stability and G-quadruplex binding affinity. <i>Chemical Communications</i> , 2020, 56, 1082-1084.	2.2	22
94	Coexistence of two quadruplex-duplex hybrids in the PIM1 gene. <i>Nucleic Acids Research</i> , 2020, 48, 11162-11171.	6.5	20
95	Rotation of Guanine Amino Groups in G-Quadruplexes: A Probe for Local Structure and Ligand Binding. <i>Biophysical Journal</i> , 2017, 113, 775-784.	0.2	19
96	A novel minimal motif for left-handed G-quadruplex formation. <i>Chemical Communications</i> , 2021, 57, 2527-2530.	2.2	18
97	Development of Fluorescent Protein Probes Specific for Parallel DNA and RNA G-Quadruplexes. <i>ChemBioChem</i> , 2016, 17, 42-45.	1.3	17
98	Differentiation between unlabeled and very-low-level fully <sup>15</sup> N, <sup>13</sup> C-labeled nucleotides for resonance assignments in nucleic acids. <i>Journal of Biomolecular NMR</i> , 2002, 23, 257-262.	1.6	16
99	Synthesis and Telomeric G-Quadruplex-Stabilizing Ability of Macrocyclic Hexaoxazoles Bearing Three Side Chains. <i>Molecules</i> , 2019, 24, 263.	1.7	16
100	Engineering of interlocked DNA G-quadruplexes as a robust scaffold. <i>Nucleic Acids Research</i> , 2013, 41, 2683-2688.	6.5	15
101	Analysis of Interactions between Telomeric Motif DNA and a Cyclic Tetraoxazole Compound. <i>ChemBioChem</i> , 2018, 19, 2268-2272.	1.3	14
102	An Unprecedented Knot-like G-Quadruplex Peripheral Motif. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13834-13839.	7.2	13
103	Bulges in left-handed G-quadruplexes. <i>Nucleic Acids Research</i> , 2021, 49, 1724-1736.	6.5	13
104	Through-Bond Correlation of Sugar and Base Protons in Unlabeled Nucleic Acids. <i>Journal of Magnetic Resonance</i> , 2001, 153, 223-226.	1.2	12
105	Guanine anchoring: a strategy for specific targeting of a G-quadruplex using short PNA, LNA and DNA molecules. <i>Chemical Communications</i> , 2020, 56, 5897-5900.	2.2	12
106	Ball with hair: modular functionalization of highly stable G-quadruplex DNA nano-scaffolds through N2-guanine modification. <i>Nucleic Acids Research</i> , 2017, 45, 6265-6274.	6.5	11
107	Recognition of different base tetrads by RHAU (DHX36): X-ray crystal structure of the G4 recognition motif bound to the 3'-end tetrad of a DNA G-quadruplex. <i>Journal of Structural Biology</i> , 2020, 209, 107399.	1.3	11
108	Stapling a G-quadruplex specific peptide. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 62-66.	1.0	11



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109	Cytosine epigenetic modification modulates the formation of an unprecedented G4 structure in the WNT1 promoter. <i>Nucleic Acids Research</i> , 2020, 48, 1120-1130.	6.5	10
110	Development of a ribonuclease containing a G4-specific binding motif for programmable RNA cleavage. <i>Scientific Reports</i> , 2019, 9, 7432.	1.6	9
111	Quadruplex structure and diversity. <i>Annual Reports in Medicinal Chemistry</i> , 2020, , 45-73.	0.5	8
112	Photophysics of DFHBI bound to RNA aptamer Baby Spinach. <i>Scientific Reports</i> , 2021, 11, 7356.	1.6	7
113	The influences of technological conditions and Au cluster islands on morphology of Ga <sub>2</sub> O <sub>3</sub> nanowires grown by VLS method on GaAs substrate. <i>Journal of Materials Science: Materials in Electronics</i> , 2011, 22, 204-216.	1.1	6
114	Construction of a G-quadruplex-specific DNA endonuclease. <i>Chemical Communications</i> , 2021, 57, 4568-4571.	2.2	6
115	Potent and Selective Knockdown of Tyrosine Kinase 2 by Antisense Oligonucleotides. <i>ImmunoHorizons</i> , 2021, 5, 70-80.	0.8	6
116	Modulating T-cell activation with antisense oligonucleotides targeting lymphocyte cytosolic protein 2. <i>Journal of Autoimmunity</i> , 2022, 131, 102857.	3.0	6
117	On the formation of voids, etched holes, and GaO particles configuration during the nanowires growth by VLS method on GaAs substrate. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 2513-2520.	1.1	5
118	A Minimal Sequence for Left-Handed G-Quadruplex Formation. <i>Angewandte Chemie</i> , 2019, 131, 2353-2357.	1.6	5
119	Duplexes Formed by G <sub>4</sub> C <sub>2</sub> Repeats Contain Alternate Slow- and Fast-Flipping C-A-G Base Pairs. <i>Biochemistry</i> , 2021, 60, 1097-1107.	1.2	5
120	Photoelectrochemical studies of DNA-tagged biomolecules on Au and Au/Ni/Au multilayer nanowires. <i>Nanoscale Research Letters</i> , 2011, 6, 535.	3.1	4
121	Connecting magnetic micro-particles with DNA G-quadruplexes. <i>Soft Matter</i> , 2013, 9, 216-223.	1.2	4
122	Unprecedented hour-long residence time of a cation in a left-handed G-quadruplex. <i>Chemical Science</i> , 2021, 12, 7151-7157.	3.7	4
123	A modular approach to enzymatic ligation of peptides and proteins with oligonucleotides. <i>Chemical Communications</i> , 2021, 57, 5507-5510.	2.2	2
124	Formation of RNA G-wires by G4C2 repeats associated with ALS and FTD. <i>Biochemical and Biophysical Research Communications</i> , 2022, 610, 113-118.	1.0	2
125	AFM Imaging of DNA G-Wires in Solution. <i>Biophysical Journal</i> , 2017, 112, 587a.	0.2	1
126	An Unprecedented Knot-Like G-Quadruplex Peripheral Motif. <i>Angewandte Chemie</i> , 2019, 131, 13972-13977.	1.6	1



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127	GGGCTA repeats can fold into hairpins poorly unfolded by replication protein A: a possible origin of the length-dependent instability of GGGCTA variant repeats in human telomeres. <i>Nucleic Acids Research</i> , 2021, 49, 7588-7601.	6.5	1
128	Crystal structures of an HIV-1 integrase aptamer: Formation of a water-mediated Aâ€¢Gâ€¢Gâ€¢G pentad in an interlocked G-quadruplex. <i>Biochemical and Biophysical Research Communications</i> , 2022, 613, 153-158.	1.0	1
129	Four-Layered Intramolecular Parallel G-Quadruplex with Non-Nucleotide Loops: An Ultra-Stable Self-Folded DNA Nano-Scaffold. <i>ACS Nano</i> , 2022, 16, 533-540.	7.3	0