

Chemistry in human telomere biology: structure, function,  
DNA/RNA

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Inhibition of Translation by Small RNA-Stabilized mRNA Structures in Human Cells. <i>Journal of the American Chemical Society</i> , 2011, 133, 19153-19159.	6.6	35
2	The application of DNA and RNA G-quadruplexes to therapeutic medicines. <i>Chemical Society Reviews</i> , 2011, 40, 5867.	18.7	530
3	Deciphering the DNAzyme Activity of Multimeric Quadruplexes: Insights into Their Actual Role in the Telomerase Activity Evaluation Assay. <i>Journal of the American Chemical Society</i> , 2011, 133, 20405-20415.	6.6	102
4	N-fused porphyrin with pyridinium side-arms: a new class of aromatic ligand with DNA-binding ability. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8068.	1.5	13
5	Chemistry in human telomere biology: structure, function and targeting of telomere DNA/RNA. <i>Chemical Society Reviews</i> , 2011, 40, 2719.	18.7	287
7	Luminescent G-quadruplex Probes. <i>Current Pharmaceutical Design</i> , 2012, 18, 2058-2075.	0.9	41
8	Insights into how nucleotide supplements enhance the peroxidase-mimicking DNAzyme activity of the G-quadruplex/hemin system. <i>Nucleic Acids Research</i> , 2012, 40, 8759-8772.	6.5	140
9	Telomere/Telomerase System: A New Target of Statins Pleiotropic Effect?. <i>Current Vascular Pharmacology</i> , 2012, 10, 216-224.	0.8	45
10	Human Telomere RNA: A Potential Target for Ligand Recognition. <i>Current Pharmaceutical Design</i> , 2012, 18, 2096-2101.	0.9	9
11	Structure, function and targeting of human telomere RNA. <i>Methods</i> , 2012, 57, 100-105.	1.9	41
12	Oligonucleotide Models of Telomeric DNA and RNA Form a Hybrid G-quadruplex Structure as a Potential Component of Telomeres. <i>Journal of Biological Chemistry</i> , 2012, 287, 41787-41796.	1.6	52
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15	In Vitro Selection of Highly Efficient G-Quadruplex-Based DNAzymes. <i>Analytical Chemistry</i> , 2012, 84, 8383-8390.	3.2	76
16	Identifying three-way DNA junction-specific small-molecules. <i>Biochimie</i> , 2012, 94, 442-450.	1.3	20
17	CHAPTER 12. Covalent and Non-covalent Conjugates of Oligonucleotides as Artificial Restriction DNA Cutters. <i>RSC Biomolecular Sciences</i> , 2012, , 278-295.	0.4	0
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19	Investigation of non-covalent interaction of natural flexible cyclic molecules with telomeric RNA G-quadruplexes by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1803-1809.	0.7	13

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22	G-rich Sequence-specific Recognition and Scission of Human Genome by PNA/DNA Hybrid G-quadruplex Formation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7198-7202.	7.2	22
23	A Caged Ligand for a Telomeric G-quadruplex. <i>ChemBioChem</i> , 2012, 13, 774-777.	1.3	25
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49	Intermolecular G-quadruplex structure-based fluorescent DNA detection system. <i>Biosensors and Bioelectronics</i> , 2013, 41, 262-267.	5.3	11
50	Natural products and their derivatives as G-quadruplex binding ligands. <i>Science China Chemistry</i> , 2013, 56, 1351-1363.	4.2	18
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59	Blood and Dried Blood Spot Telomere Length Measurement by qPCR: Assay Considerations. <i>PLoS ONE</i> , 2013, 8, e57787.	1.1	57
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109	G-quadruplex DNA/protoporphyrin IX-based synergistic platform for targeted photodynamic cancer therapy. <i>Talanta</i> , 2015, 134, 298-304.	2.9	8
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139	Unexpected Position-Dependent Effects of Ribose G-Quartets in G-Quadruplexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 7768-7779.	6.6	30
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