

Sophie Bombard

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

758
citations

623734

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26
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docs citations

26
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#	ARTICLE	IF	CITATIONS
1	Platinum cross-linking of adenines and guanines on the quadruplex structures of the AG ₃ (T ₂ AG ₃) ₃ and (T ₂ AG ₃) ₄ human telomere sequences in Na ⁺ and K ⁺ solutions. <i>Nucleic Acids Research</i> , 2003, 31, 1605-1613.	14.5	120
2	A platinum–quinacridine hybrid as a G-quadruplex ligand. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 1003-1014.	2.6	80
3	Exclusive platination of loop adenines in the human telomeric G-quadruplex. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2864.	2.8	78
4	Antitumor <i>trans</i> -N-Heterocyclic Carbene–Amine–Pt(II) Complexes: Synthesis of Dinuclear Species and Exploratory Investigations of DNA Binding and Cytotoxicity Mechanisms. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2074-2086.	6.4	72
5	Cross-Links of Quadruplex Structures from Human Telomeric DNA by Dinuclear Platinum Complexes Show the Flexibility of Both Structures. <i>Biochemistry</i> , 2005, 44, 10620-10634.	2.5	70
6	Photo-Cross-Linking Probes for Trapping G-Quadruplex DNA. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 994-998.	13.8	48
7	Platination of the (T ₂ G ₄) ₄ Telomeric Sequence: A Structural and Cross-Linking Study. <i>Biochemistry</i> , 2001, 40, 8463-8470.	2.5	42
8	Interactions of Pt–terpy 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, 7798-7807.	3.3	37
9	Linking of Antitumor <i>trans</i> -NHC-Pt(II) Complexes to G-Quadruplex DNA Ligand for Telomeric Targeting. <i>Bioconjugate Chemistry</i> , 2016, 27, 1456-1470.	3.6	30
10	Selectivity of Terpyridine Platinum Anticancer Drugs for G-quadruplex DNA. <i>Molecules</i> , 2019, 24, 404.	3.8	30
11	Nucleolin Discriminates Drastically between Long-Loop and Short-Loop Quadruplexes. <i>Biochemistry</i> , 2020, 59, 1261-1272.	2.5	27
12	GG sequence of DNA and the human telomeric sequence react with cis-diammine-diaquaplatinum at comparable rates. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 514-524.	3.5	24
13	Study of the synthesis, antiproliferative properties, and interaction with DNA and polynucleotides of cisplatin-like Pt(II) complexes containing carcinogenic polyaromatic amines. <i>Journal of Biological Inorganic Chemistry</i> , 2013, 18, 791-801.	2.6	15
14	Association of a Platinum Complex to a G-Quadruplex Ligand Enhances Telomere Disruption. <i>Chemical Research in Toxicology</i> , 2017, 30, 1629-1640.	3.3	13
15	Platination of telomeric DNA by cisplatin disrupts recognition by TRF2 and TRF1. <i>Journal of Biological Inorganic Chemistry</i> , 2010, 15, 641-654.	2.6	11
16	Interaction of Functionalized Naphthalenophanes with Abasic Sites in DNA: DNA Cleavage, DNA Cleavage Inhibition, and Formation of Ligand–DNA Adducts. <i>Chemistry - A European Journal</i> , 2019, 25, 1949-1962.	3.3	11
17	Telomeres and Telomerase: Potential Targets for Platinum Complexes. , 0, , 209-234.		7
18	Acridine–O ⁶ -benzylguanine hybrids: Synthesis, DNA binding, MGMT inhibition and antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113909.	5.5	6

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19	Exploring the mechanism of inhibition of human telomerase by cysteineâ€reactive compounds. FEBS Letters, 2017, 591, 863-874.	2.8	5
20	Platinum Complexes Can Bind to Telomeres by Coordination. International Journal of Molecular Sciences, 2018, 19, 1951.	4.1	5
21	Photoactivatable Vâ€Shaped Bifunctional Quinone Methide Precursors as a New Class of Selective Gâ€quadruplex Alkylating Agents. Chemistry - A European Journal, 2022, , .	3.3	5
22	Probing of G-Quadruplex Structures via Ligand-Sensitized Photochemical Reactions in BrU-Substituted DNA. Scientific Reports, 2018, 8, 15814.	3.3	3
23	Pt-ttpy, a G-quadruplex binding platinum complex, induces telomere dysfunction and G-rich regions DNA damage. Metallomics, 2021, 13, .	2.4	3