

Irene Bessi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

707
citations

623734

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h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

790
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic, Molecular Modeling, and NMR-Spectroscopic Investigation of the Binding Mode of the Natural Alkaloids Berberine and Sanguinarine to Human Telomeric G-Quadruplex DNA. <i>ACS Chemical Biology</i> , 2012, 7, 1109-1119.	3.4	102
2	Involvement of Long-Lived Intermediate States in the Complex Folding Pathway of the Human Telomeric G-Quadruplex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8444-8448.	13.8	90
3	Cell penetrating thiazole peptides inhibit c-MYC expression via site-specific targeting of c-MYC G-quadruplex. <i>Nucleic Acids Research</i> , 2018, 46, 5355-5365.	14.5	78
4	A Nucleus-Imaging Probe That Selectively Stabilizes a Minor Conformation of c-MYC G-quadruplex and Down-regulates c-MYC Transcription in Human Cancer Cells. <i>Scientific Reports</i> , 2015, 5, 13183.	3.3	55
5	Photoresponsive Formation of an Intermolecular Minimal G-Quadruplex Motif. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2738-2742.	13.8	50
6	Synthesis of Fluorescent Binaphthyl Amines That Bind c-MYC G-Quadruplex DNA and Repress c-MYC Expression. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7275-7281.	6.4	42
7	Small molecule regulated dynamic structural changes of human G-quadruplexes. <i>Chemical Science</i> , 2016, 7, 3279-3285.	7.4	41
8	Photoresponsive Formation of an Intermolecular Minimal G-Quadruplex Motif. <i>Angewandte Chemie</i> , 2016, 128, 2788-2792.	2.0	25
9	Conformational Dynamics of Strand Register Shifts in DNA G-Quadruplexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 264-273.	13.7	23
10	A Fluorescent Guanosine Dinucleoside as a Selective Switch-On Sensor for c-MYC G-Quadruplex DNA with Potent Anticancer Activities. <i>Chemistry - A European Journal</i> , 2013, 19, 11502-11506.	3.3	22
11	Human Telomeric G-Quadruplex Selective Fluoro-Isoquinolines Induce Apoptosis in Cancer Cells. <i>Bioconjugate Chemistry</i> , 2018, 29, 1141-1154.	3.6	22
12	Fluorescent Dansyl-Guanosine Conjugates that Bind c-MYC Promoter G-Quadruplex and Downregulate c-MYC Expression. <i>ChemBioChem</i> , 2016, 17, 388-393.	2.6	20
13	Noncovalent Spin Labeling of Riboswitch RNAs To Obtain Long-Range Structural NMR Restraints. <i>ACS Chemical Biology</i> , 2014, 9, 1330-1339.	3.4	19
14	Structure Validation of G-Rich RNAs in Noncoding Regions of the Human Genome. <i>ChemBioChem</i> , 2020, 21, 1656-1663.	2.6	16
15	The Folding Landscapes of Human Telomeric RNA and DNA G-Quadruplexes are Markedly Different. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10895-10901.	13.8	13
16	G-Quadruplex-Specific Cell-Permeable Guanosine-Anthracene Conjugate Inhibits Telomere Elongation and Induces Apoptosis by Repressing the c-MYC Gene. <i>Bioconjugate Chemistry</i> , 2019, 30, 3038-3045.	3.6	7
17	The Folding Landscapes of Human Telomeric RNA and DNA G-Quadruplexes are Markedly Different. <i>Angewandte Chemie</i> , 2021, 133, 10990-10996.	2.0	5
18	Targeting G-quadruplex with Small Molecules: An NMR View. , 2018, , 2189-2210.		2

#	ARTICLE	IF	CITATIONS
19	Targeting G-quadruplex with Small Molecules: An NMR View. , 2017, , 1-22.		0