

Dengguo Wei

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

495
citations

933447

10
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

756
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of a c-kit promoter quadruplex reveals the structural role of metal ions and water molecules in maintaining loop conformation. <i>Nucleic Acids Research</i> , 2012, 40, 4691-4700.	14.5	117
2	Small-molecule Binding to the DNA Minor Groove Is Mediated by a Conserved Water Cluster. <i>Journal of the American Chemical Society</i> , 2013, 135, 1369-1377.	13.7	68
3	Selective recognition of c-MYC Pu22 G-quadruplex by a fluorescent probe. <i>Nucleic Acids Research</i> , 2019, 47, 2190-2204.	14.5	66
4	Flexibility and structural conservation in a c-KIT G-quadruplex. <i>Nucleic Acids Research</i> , 2015, 43, 629-644.	14.5	63
5	Crystal Structure of a Promoter Sequence in the B-raf Gene Reveals an Intertwined Dimer Quadruplex. <i>Journal of the American Chemical Society</i> , 2013, 135, 19319-19329.	13.7	45
6	BMPQ-1 binds selectively to (3+1) hybrid topologies in human telomeric G-quadruplex multimers. <i>Nucleic Acids Research</i> , 2020, 48, 11259-11269.	14.5	21
7	G2-quadruplex in the 3'UTR of IE180 regulates Pseudorabies virus replication by enhancing gene expression. <i>RNA Biology</i> , 2020, 17, 816-827.	3.1	21
8	Mechanistic Insights into the Ligand-Induced Unfolding of an RNA G-Quadruplex. <i>Journal of the American Chemical Society</i> , 2022, 144, 935-950.	13.7	21
9	Recent advances in the development of small molecules targeting RNA G-quadruplexes for drug discovery. <i>Bioorganic Chemistry</i> , 2021, 110, 104804.	4.1	16
10	Native de novo structural determinations of non-canonical nucleic acid motifs by X-ray crystallography at long wavelengths. <i>Nucleic Acids Research</i> , 2020, 48, 9886-9898.	14.5	13
11	Identification of Carbazole Alkaloid Derivatives with Acylhydrazone as Novel Anti-TMV Agents with the Guidance of a Digital Fluorescence Visual Screening. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7458-7466.	5.2	10
12	Intensive Distribution of G2-Quadruplexes in the Pseudorabies Virus Genome and Their Sensitivity to Cations and G-Quadruplex Ligands. <i>Molecules</i> , 2019, 24, 774.	3.8	9
13	Specific recognition of telomeric multimeric G-quadruplexes by a simple-structure quinoline derivative. <i>Analytica Chimica Acta</i> , 2020, 1132, 93-100.	5.4	8
14	Mechanism of the temperature-responsive material regulating porous morphology on epoxy phenolic novolac resin microcapsule surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 593, 124581.	4.7	8
15	G-quadruplexes in genomes of viruses infecting eukaryotes or prokaryotes are under different selection pressures from hosts. <i>Journal of Genetics and Genomics</i> , 2022, 49, 20-29.	3.9	6
16	A novel fluorescent probe with a pyrazolo[4,3-c]quinoline core selectively recognizes c-MYC promoter G-quadruplexes. <i>New Journal of Chemistry</i> , 2022, 46, 8619-8625.	2.8	3
17	Recent advancement in small molecules as HCV inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 60, 116699.	3.0	0