

ZoÃ« Ann Ella Waller

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,935
citations

331259

21
h-index

315357

38
g-index

45
all docs

45
docs citations

45
times ranked

2079
citing authors

#	ARTICLE	IF	CITATIONS
1	i-Motif DNA: Structure, stability and targeting with ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4407-4418.	1.4	315
2	Identification of multiple genomic DNA sequences which form i-motif structures at neutral pH. <i>Nucleic Acids Research</i> , 2017, 45, 2951-2959.	6.5	180
3	Silver cations fold i-motif at neutral pH. <i>Chemical Communications</i> , 2013, 49, 7696.	2.2	145
4	G-Quadruplex-Binding Benzo[<i>a</i>]phenoxazines Down-Regulate <i>c-KIT</i> Expression in Human Gastric Carcinoma Cells. <i>Journal of the American Chemical Society</i> , 2011, 133, 2658-2663.	6.6	139
5	A Small Molecule That Disrupts G-Quadruplex DNA Structure and Enhances Gene Expression. <i>Journal of the American Chemical Society</i> , 2009, 131, 12628-12633.	6.6	123
6	Epigenetic modification of cytosines fine tunes the stability of i-motif DNA. <i>Nucleic Acids Research</i> , 2020, 48, 55-62.	6.5	84
7	Triarylpyridines: a versatile small molecule scaffold for G-quadruplex recognition. <i>Chemical Communications</i> , 2008, , 1467.	2.2	74
8	DNA G-Quadruplex and i-Motif Structure Formation Is Interdependent in Human Cells. <i>Journal of the American Chemical Society</i> , 2020, 142, 20600-20604.	6.6	74
9	Mitoxantrone and Analogues Bind and Stabilize i-Motif Forming DNA Sequences. <i>Scientific Reports</i> , 2016, 6, 39456.	1.6	68
10	Common G-Quadruplex Binding Agents Found to Interact With i-Motif-Forming DNA: Unexpected Multi-Target-Directed Compounds. <i>Frontiers in Chemistry</i> , 2018, 6, 281.	1.8	68
11	G-quadruplex structures trigger RNA phase separation. <i>Nucleic Acids Research</i> , 2019, 47, 11746-11754.	6.5	67
12	Synthesis and Binding Studies of Novel Diethynyl- π -Pyridine Amides with Genomic Promoter DNA G-Quadruplexes. <i>Chemistry - A European Journal</i> , 2011, 17, 4571-4581.	1.7	58
13	Cytotoxicity of Pyrazine-Based Cyclometalated ($C^N\text{-}pz^C$)Au(III) Carbene Complexes: Impact of the Nature of the Ancillary Ligand on the Biological Properties. <i>Inorganic Chemistry</i> , 2017, 56, 5728-5740.	1.9	54
14	Redox-dependent control of i-Motif DNA structure using copper cations. <i>Nucleic Acids Research</i> , 2018, 46, 5886-5893.	6.5	46
15	Identification of new DNA i-motif binding ligands through a fluorescent intercalator displacement assay. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5669-5673.	1.5	42
16	Cyclometalated Au(III) dithiocarbamate complexes: synthesis, anticancer evaluation and mechanistic studies. <i>Metallomics</i> , 2018, 10, 1655-1666.	1.0	40
17	Control of bacterial nitrate assimilation by stabilization of G-quadruplex DNA. <i>Chemical Communications</i> , 2016, 52, 13511-13514.	2.2	35
18	Reversible DNA i-motif to hairpin switching induced by copper(II) cations. <i>Chemical Communications</i> , 2015, 51, 14099-14102.	2.2	34

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19	A small molecule that induces assembly of a four way DNA junction at low temperature. <i>Chemical Communications</i> , 2011, 47, 8262.	2.2	31
20	A Gold(III) Pincer Ligand Scaffold for the Synthesis of Binuclear and Bioconjugated Complexes: Synthesis and Anticancer Potential. <i>Chemistry - A European Journal</i> , 2018, 24, 3613-3622.	1.7	29
21	Destabilization of i-Motif DNA at Neutral pH by G-Quadruplex Ligands. <i>Biochemistry</i> , 2019, 58, 245-249.	1.2	28
22	Beyond Solvent Exclusion: i-Motif Detecting Capability and an Alternative DNA Light-Switching Mechanism in a Ruthenium(II) Polypyridyl Complex. <i>Journal of the American Chemical Society</i> , 2020, 142, 13856-13866.	6.6	23
23	Tricky Topology: Persistence of Folded Human Telomeric i-Motif DNA at Ambient Temperature and Neutral pH. <i>Frontiers in Chemistry</i> , 2020, 8, 40.	1.8	23
24	i-Motif formation and spontaneous deletions in human cells. <i>Nucleic Acids Research</i> , 2022, 50, 3445-3455.	6.5	22
25	Mechanistic Insights into the Ligand-Induced Unfolding of an RNA G-Quadruplex. <i>Journal of the American Chemical Society</i> , 2022, 144, 935-950.	6.6	21
26	Acridine-decorated cyclometallated gold(III) complexes: synthesis and anti-tumour investigations. <i>Dalton Transactions</i> , 2018, 47, 13523-13534.	1.6	17
27	Substitution of Cytosine with Guanylurea Decreases the Stability of i-Motif DNA. <i>Biochemistry</i> , 2017, 56, 4879-4883.	1.2	13
28	Stability and context of intercalated motifs (i-motifs) for biological applications. <i>Biochimie</i> , 2022, 198, 33-47.	1.3	13
29	Identification and characterisation of a G-quadruplex forming sequence in the promoter region of nuclear factor (erythroid-derived 2)-like 2 (Nrf2). <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 128-132.	1.0	12
30	[[Câ€‰Au(Nâ€‰)] ⁺ Complexes as a New Family of Anticancer Candidates: Synthesis, Characterization and Exploration of the Antiproliferative Properties. <i>Chemistry - A European Journal</i> , 2021, 27, 15773-15785.	1.7	11
31	Duplex DNA from Sites of Helicase-Polymerase Uncoupling Links Non-B DNA Structure Formation to Replicative Stress. <i>Cancer Genomics and Proteomics</i> , 2020, 17, 101-115.	1.0	7
32	Analysis of putative quadruplex-forming sequences in fungal genomes: novel antifungal targets?. <i>Microbial Genomics</i> , 2021, 7, .	1.0	6
33	Precious metal complexes of bis(pyridyl)allenes: synthesis and catalytic and medicinal applications. <i>Dalton Transactions</i> , 2021, 50, 16739-16750.	1.6	6
34	Raman spectroscopic and structural investigation of 1,4-diphenylbuta-1,3-diene and selected monomethyl and dimethyl substituted homologues. <i>Analytica Chimica Acta</i> , 2006, 580, 47-54.	2.6	5
35	Understanding the Potential In Vitro Modes of Action of Bis(â€‰diketonato) Oxovanadium(IV) Complexes. <i>ChemMedChem</i> , 2021, 16, 2402-2410.	1.6	4
36	Water-Soluble Heliomycin Derivatives to Target i-Motif DNA. <i>Journal of Natural Products</i> , 2021, 84, 1617-1625.	1.5	4