

Daniela Verga

List of Publications by Year in descending order

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25
papers

806
citations

643344

15
h-index

651938

25
g-index

28
all docs

28
docs citations

28
times ranked

1159
citing authors

#	ARTICLE	IF	CITATIONS
1	G-quadruplexes in helminth parasites. <i>Nucleic Acids Research</i> , 2022, 50, 2719-2735.	6.5	10
2	Photoactivatable Ψ -Shaped Bifunctional Quinone Methide Precursors as a New Class of Selective G-quadruplex Alkylating Agents. <i>Chemistry - A European Journal</i> , 2022, , .	1.7	5
3	FRET- Ψ MC: A fluorescence melting competition assay for studying G4 structures in vitro. <i>Biopolymers</i> , 2021, 112, e23415.	1.2	22
4	BrdU immuno-tagged G-quadruplex ligands: a new ligand-guided immunofluorescence approach for tracking G-quadruplexes in cells. <i>Nucleic Acids Research</i> , 2021, 49, 12644-12660.	6.5	12
5	G-Quadruplexes in the Archaea Domain. <i>Biomolecules</i> , 2020, 10, 1349.	1.8	31
6	G-quadruplexes Sequester Free Heme in Living Cells. <i>Cell Chemical Biology</i> , 2019, 26, 1681-1691.e5.	2.5	58
7	Selectivity of Terpyridine Platinum Anticancer Drugs for G-quadruplex DNA. <i>Molecules</i> , 2019, 24, 404.	1.7	30
8	Thermodynamically stable and genetically unstable G-quadruplexes are depleted in genomes across species. <i>Nucleic Acids Research</i> , 2019, 47, 6098-6113.	6.5	57
9	Probing ligand and cation binding sites in G-quadruplex nucleic acids by mass spectrometry and electron photodetachment dissociation sequencing. <i>Analyst</i> , The, 2019, 144, 3518-3524.	1.7	14
10	Oxadiazole/Pyridine-Based Ligands: A Structural Tuning for Enhancing G-Quadruplex Binding. <i>Molecules</i> , 2018, 23, 2162.	1.7	15
11	Sequence-specific Incorporation of Enzyme- Ψ Nucleotide Chimera by DNA Polymerases. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10131-10135.	7.2	37
12	Sequence selective naked-eye detection of DNA harnessing extension of oligonucleotide-modified nucleotides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 841-844.	1.0	7
13	Photo- Ψ Cross-Linking Probes for Trapping G-quadruplex DNA. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 994-998.	7.2	48
14	Cationic Pentaheteroaryls as Selective G-quadruplex Ligands by Solvent-free Microwave-assisted Synthesis. <i>Chemistry - A European Journal</i> , 2012, 18, 14487-14496.	1.7	26
15	Visualizing the Quadruplex: From Fluorescent Ligands to Light-Up Probes. <i>Topics in Current Chemistry</i> , 2012, 330, 111-177.	4.0	109
16	Protecting Group Free Synthesis of 6-Substituted Naphthols and Binols. <i>Journal of Organic Chemistry</i> , 2011, 76, 2319-2323.	1.7	10
17	Quinone Methide Generation via Photoinduced Electron Transfer. <i>Journal of Organic Chemistry</i> , 2011, 76, 3096-3106.	1.7	43
18	Photogeneration and Reactivity of Naphthoquinone Methides as Purine Selective DNA Alkylating Agents. <i>Journal of the American Chemical Society</i> , 2010, 132, 14625-14637.	6.6	91

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19	Photoarylation of Alkenes and Heteroaromatics by Dibromo-BINOLs in Aqueous Solution. Journal of Organic Chemistry, 2010, 75, 3477-3480.	1.7	8
20	Selective Arylation, Alkenylation, and Cyclization of Dibromonaphthols, Using Visible Light, via Carbene Intermediates. Journal of Organic Chemistry, 2009, 74, 5311-5319.	1.7	5
21	Photoarylation/Alkylation of Bromonaphthols. Journal of Organic Chemistry, 2009, 74, 1034-1041.	1.7	18
22	Substituted Heterocyclic Naphthalene Diimides with Unexpected Acidity. Synthesis, Properties, and Reactivity. Journal of Organic Chemistry, 2009, 74, 8616-8625.	1.7	51
23	Bipyridyl ligands as photoactivatable mono- and bis-alkylating agents capable of DNA cross-linking. Organic and Biomolecular Chemistry, 2007, 5, 233-235.	1.5	28
24	Photogenerated Quinone Methides as Useful Intermediates in the Synthesis of Chiral BINOL Ligands. Journal of Organic Chemistry, 2006, 71, 3889-3895.	1.7	50
25	Iso-FRET: an isothermal competition assay to analyze quadruplex formation <i>in vitro</i> . Nucleic Acids Research, 0, , .	6.5	4