

# Stefania Mazzini

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

573  
citations

623734

14  
h-index

610901

24  
g-index

31  
all docs

31  
docs citations

31  
times ranked

859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mode of binding of the cytotoxic alkaloid berberine with the double helix oligonucleotide d(AAGAATTCTT) <sub>2</sub> . <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 505-514.	3.0	135
2	Nemorubicin and doxorubicin bind the G-quadruplex sequences of the human telomeres and of the c-MYC promoter element Pu22. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1129-1138.	2.4	42
3	c-MYC G-quadruplex binding by the RNA polymerase I inhibitor BMH-21 and analogues revealed by a combined NMR and biochemical Approach. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 615-629.	2.4	29
4	Putative SARS-CoV-2 Mpro Inhibitors from an In-House Library of Natural and Nature-Inspired Products: A Virtual Screening and Molecular Docking Study. <i>Molecules</i> , 2020, 25, 3745.	3.8	29
5	Structure and dynamics of intercalation complexes of anthracyclines with d(CGATCG) <sub>2</sub> and d(CGTACG) <sub>2</sub> . 2D-1H and 31P NMR investigations. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 1983-1992.	0.9	28
6	Moringin, A Stable Isothiocyanate from <i>Moringa oleifera</i> , Activates the Somatosensory and Pain Receptor TRPA1 Channel In Vitro. <i>Molecules</i> , 2020, 25, 976.	3.8	26
7	Phosphorus speciation during anaerobic digestion and subsequent solid/liquid separation. <i>Science of the Total Environment</i> , 2020, 734, 139284.	8.0	26
8	Specific loop modifications of the thrombin-binding aptamer trigger the formation of parallel structures. <i>FEBS Journal</i> , 2014, 281, 1085-1099.	4.7	25
9	Synthesis, DNA-Binding and Antiproliferative Properties of Acridine and 5-Methylacridine Derivatives. <i>Molecules</i> , 2012, 17, 7067-7082.	3.8	24
10	Structure and Stability of Human Telomeric G-Quadruplex with Preclinical 9-Amino Acridines. <i>PLoS ONE</i> , 2013, 8, e57701.	2.5	21
11	Stabilization of c-KIT G-Quadruplex DNA Structures by the RNA Polymerase I Inhibitors BMH-21 and BA-41. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4927.	4.1	18
12	Plant-Derived Stilbenoids as DNA-Binding Agents: From Monomers to Dimers. <i>Chemistry - A European Journal</i> , 2021, 27, 8832-8845.	3.3	17
13	G-quadruplex binding properties of a potent PARP-1 inhibitor derived from 7-azaindole-1-carboxamide. <i>Scientific Reports</i> , 2021, 11, 3869.	3.3	16
14	Interaction between double helix DNA fragments and the new antitumor agent sabarubicin, Men10755. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1497-1506.	3.0	15
15	The interaction of nemorubicin metabolite PNU-159682 with DNA fragments d(CGTACG) <sub>2</sub> , d(CGATCG) <sub>2</sub> and d(CGCGCG) <sub>2</sub> shows a strong but reversible binding to G:C base pairs. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6979-6988.	3.0	15
16	Acridine and quindoline oligomers linked through a 4-aminoproline backbone prefer G-quadruplex structures. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011, 1810, 769-776.	2.4	14
17	Naturally occurring quaternary benzo[ <i>c</i> ]phenanthridine alkaloids selectively stabilize G-quadruplexes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 21772-21782.	2.8	14
18	Gold-Coated Superparamagnetic Nanoparticles for Single Methyl Discrimination in DNA Aptamers. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27625-27639.	4.1	13

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19	Interaction between double helix DNA fragments and a new topopyrone acting as human topoisomerase I poison. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 484-491.	3.0	12
20	Molecular recognition in naphthoquinone derivatives $\pi$ -G-quadruplex complexes by NMR. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 673-680.	2.4	11
21	Exploring the Interaction of Curaxin CBL0137 with G-Quadruplex DNA Oligomers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6476.	4.1	9
22	Molecular basis for the DNA damage induction and anticancer activity of asymmetrically substituted anthrapyridazone PDZ-7. <i>Oncotarget</i> , 2017, 8, 105137-105154.	1.8	5
23	Hybrid Catalysts from Copper Biosorbing Bacterial Strains and Their Recycling for Catalytic Application in the Asymmetric Addition Reaction of B2(pin) <sub>2</sub> on $\alpha,\beta$ -Unsaturated Chalcones. <i>Catalysts</i> , 2022, 12, 433.	3.5	5
24	Investigation of the Complexes Formed between PARP1 Inhibitors and PARP1 G-Quadruplex at the Gene Promoter Region. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8737.	4.1	4
25	The Effect of Small Cosolutes that Mimic Molecular Crowding Conditions on the Stability of Triplexes Involving Duplex DNA. <i>International Journal of Molecular Sciences</i> , 2016, 17, 211.	4.1	3
26	New Antimicrobials Based on the Adarotene Scaffold with Activity against Multi-Drug Resistant <i>Staphylococcus aureus</i> and Vancomycin-Resistant <i>Enterococcus</i> . <i>Antibiotics</i> , 2021, 10, 126.	3.7	3
27	Alkaloid Escholidine and Its Interaction with DNA Structures. <i>Biology</i> , 2021, 10, 1225.	2.8	1
28	Synthesis and Investigation of the G-Quadruplex Binding Properties of Kynurenic Acid Derivatives with a Dihydroimidazoquinoline-3,5-dione Core. <i>Molecules</i> , 2022, 27, 2791.	3.8	1
29	Properties of Parallel Tetramolecular G-Quadruplex Carrying N-Acetylgalactosamine as Potential Enhancer for Oligonucleotide Delivery to Hepatocytes. <i>Molecules</i> , 2022, 27, 3944.	3.8	1
30	<i>Sisymbrium Officinale</i> (the Singers' Plant) as an Ingredient: Analysis of Somatosensory Active Volatile Isothiocyanates in Model Food and Drinks. <i>Foods</i> , 2021, 10, 308.	4.3	0