

# Matteo Nadai

## List of Publications by Year in descending order

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39  
papers

1,760  
citations

257450

24  
h-index

302126

39  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1415  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dynamic G-Quadruplex Region Regulates the HIV-1 Long Terminal Repeat Promoter. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6521-6530.	6.4	153
2	Nucleolin stabilizes G-quadruplex structures folded by the LTR promoter and silences HIV-1 viral transcription. <i>Nucleic Acids Research</i> , 2015, 43, 8884-8897.	14.5	123
3	The Herpes Simplex Virus-1 genome contains multiple clusters of repeated G-quadruplex: Implications for the antiviral activity of a G-quadruplex ligand. <i>Antiviral Research</i> , 2015, 118, 123-131.	4.1	116
4	Promoter G-quadruplexes and transcription factors cooperate to shape the cell type-specific transcriptome. <i>Nature Communications</i> , 2021, 12, 3885.	12.8	116
5	Hybrid ligand-alkylating agents targeting telomeric G-quadruplex structures. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2798.	2.8	94
6	Formation of a Unique Cluster of G-Quadruplex Structures in the HIV-1 nef Coding Region: Implications for Antiviral Activity. <i>PLoS ONE</i> , 2013, 8, e73121.	2.5	94
7	Synthesis, Binding and Antiviral Properties of Potent Core-Extended Naphthalene Diimides Targeting the HIV-1 Long Terminal Repeat Promoter G-Quadruplexes. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 9639-9652.	6.4	87
8	Naphthalene diimide scaffolds with dual reversible and covalent interaction properties towards G-quadruplex. <i>Biochimie</i> , 2011, 93, 1328-1340.	2.6	86
9	Targeting Loop Adenines in G-Quadruplex by a Selective Oxirane. <i>Chemistry - A European Journal</i> , 2013, 19, 78-81.	3.3	77
10	The cellular protein nucleolin preferentially binds long-looped G-quadruplex nucleic acids. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1371-1381.	2.4	71
11	Water soluble extended naphthalene diimides as pH fluorescent sensors and G-quadruplex ligands. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3830.	2.8	69
12	Naphthalene Diimides as Multimodal G-Quadruplex-Selective Ligands. <i>Molecules</i> , 2019, 24, 426.	3.8	63
13	A red-NIR fluorescent dye detecting nuclear DNA G-quadruplexes: in vitro analysis and cell imaging. <i>Chemical Communications</i> , 2017, 53, 2268-2271.	4.1	54
14	HIV-1 Nucleocapsid Protein Unfolds Stable RNA G-Quadruplexes in the Viral Genome and Is Inhibited by G-Quadruplex Ligands. <i>ACS Infectious Diseases</i> , 2019, 5, 2127-2135.	3.8	46
15	A Photoreactive G-Quadruplex Ligand Triggered by Green Light. <i>Chemistry - A European Journal</i> , 2015, 21, 2330-2334.	3.3	43
16	A Catalytic and Selective Scissoring Molecular Tool for Quadruplex Nucleic Acids. <i>Journal of the American Chemical Society</i> , 2018, 140, 14528-14532.	13.7	39
17	Conserved G-Quadruplexes Regulate the Immediate Early Promoters of Human Alphaherpesviruses. <i>Molecules</i> , 2019, 24, 2375.	3.8	35
18	A dynamic i-motif with a duplex stem-loop in the long terminal repeat promoter of the HIV-1 proviral genome modulates viral transcription. <i>Nucleic Acids Research</i> , 2019, 47, 11057-11068.	14.5	34

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19	Identification of G-quadruplex DNA/RNA binders: Structure-based virtual screening and biophysical characterization. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1329-1340.	2.4	33
20	Antiviral Activity of the G-Quadruplex Ligand TMPyP4 against Herpes Simplex Virus-1. <i>Viruses</i> , 2021, 13, 196.	3.3	33
21	Conformation and Stability of Intramolecular Telomeric G-Quadruplexes: Sequence Effects in the Loops. <i>PLoS ONE</i> , 2013, 8, e84113.	2.5	32
22	Selective targeting of mutually exclusive DNA G-quadruplexes: HIV-1 LTR as paradigmatic model. <i>Nucleic Acids Research</i> , 2020, 48, 4627-4642.	14.5	32
23	Assessment of gene promoter G-quadruplex binding and modulation by a naphthalene diimide derivative in tumor cells. <i>International Journal of Oncology</i> , 2015, 46, 369-380.	3.3	28
24	Down-Regulation of the Androgen Receptor by G-Quadruplex Ligands Sensitizes Castration-Resistant Prostate Cancer Cells to Enzalutamide. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8625-8638.	6.4	28
25	Stable and Conserved G-Quadruplexes in the Long Terminal Repeat Promoter of Retroviruses. <i>ACS Infectious Diseases</i> , 2019, 5, 1150-1159.	3.8	25
26	Parallel G-quadruplexes recruit the HSV-1 transcription factor ICP4 to promote viral transcription in herpes virus-infected human cells. <i>Communications Biology</i> , 2021, 4, 510.	4.4	23
27	The <i>MDM2</i> inducible promoter folds into four-tetrad antiparallel G-quadruplexes targetable to fight malignant liposarcoma. <i>Nucleic Acids Research</i> , 2021, 49, 847-863.	14.5	23
28	Synthesis and antiproliferative mechanism of action of pyrrolo[3,2:6,7] cyclohepta[1,2-d]pyrimidin-2-amines as singlet oxygen photosensitizers. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 447-461.	5.5	14
29	Dyads of G-Quadruplex Ligands Triggering DNA Damage Response and Tumour Cell Growth Inhibition at Subnanomolar Concentration. <i>Chemistry - A European Journal</i> , 2019, 25, 11085-11097.	3.3	14
30	Synthesis and photocytotoxic activity of [1,2,3]triazolo[4,5-h][1,6]naphthyridines and [1,3]oxazolo[5,4-h][1,6]naphthyridines. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 176-193.	5.5	12
31	Differential Targeting of Unpaired Bases within Duplex DNA by the Natural Compound Clerocidin: A Valuable Tool to Dissect DNA Secondary Structure. <i>PLoS ONE</i> , 2012, 7, e52994.	2.5	9
32	Surface Plasmon Resonance kinetic analysis of the interaction between G-quadruplex nucleic acids and an anti-G-quadruplex monoclonal antibody. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1276-1282.	2.4	9
33	Selective Recognition of a Single HIV-1 G-Quadruplex by Ultrafast Small-Molecule Screening. <i>Analytical Chemistry</i> , 2021, 93, 15243-15252.	6.5	9
34	Extended Naphthalene Diimides with Donor/Acceptor Hydrogen Bonding Properties Targeting G-Quadruplex Nucleic Acids. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4824-4833.	2.4	7
35	A Fragment-Based Approach for the Development of G-Quadruplex Ligands: Role of the Amidoxime Moiety. <i>Molecules</i> , 2018, 23, 1874.	3.8	7
36	Chromene Derivatives as Selective TERRA G-Quadruplex RNA Binders with Antiproliferative Properties. <i>Pharmaceuticals</i> , 2022, 15, 548.	3.8	7

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37	G-Quadruplex Visualization in Cells via Antibody and Fluorescence Probe. <i>Methods in Molecular Biology</i> , 2019, 2035, 383-395.	0.9	6
38	Clerocidin-mediated DNA footprinting discriminates among different G-quadruplex conformations and detects tetraplex folding in a duplex environment. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4660-4668.	2.4	5
39	Novel monomolecular derivatives of the anti-HIV-1 G-quadruplex-forming Hotoda's aptamer containing inversion of polarity sites. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112786.	5.5	2