# Matteo Nadai

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9015320/publications.pdf

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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 | Chromene Derivatives as Selective TERRA G-Quadruplex RNA Binders with Antiproliferative Properties. Pharmaceuticals, 2022, 15, 548. | 3.8 | 7 |
| 2 | Antiviral Activity of the G-Quadruplex Ligand TMPyP4 against Herpes Simplex Virus-1. Viruses, 2021, 13, 196. | 3.3 | 33 |
| 3 | Parallel G-quadruplexes recruit the HSV-1 transcription factor ICP4 to promote viral transcription in herpes virus-infected human cells. Communications Biology, 2021, 4, 510. | 4.4 | 23 |
| 4 | Promoter G-quadruplexes and transcription factors cooperate to shape the cell type-specific transcriptome. Nature Communications, 2021, 12, 3885. | 12.8 | 116 |
| 5 | The MDM2 inducible promoter folds into four-tetrad antiparallel G-quadruplexes targetable to fight malignant liposarcoma. Nucleic Acids Research, 2021, 49, 847-863. | 14.5 | 23 |
| 6 | Selective Recognition of a Single HIV-1 G-Quadruplex by Ultrafast Small-Molecule Screening. Analytical Chemistry, 2021, 93, 15243-15252. | 6.5 | 9 |
| 7 | Novel monomolecular derivatives of the anti-HIV-1 G-quadruplex-forming Hotodaâ€™s aptamer containing inversion of polarity sites. European Journal of Medicinal Chemistry, 2020, 208, 112786. | 5.5 | 2 |
| 8 | Selective targeting of mutually exclusive DNA G-quadruplexes: HIV-1 LTR as paradigmatic model. Nucleic Acids Research, 2020, 48, 4627-4642. | 14.5 | 32 |
| 9 | Conserved G-Quadruplexes Regulate the Immediate Early Promoters of Human Alphaherpesviruses. Molecules, 2019, 24, 2375. | 3.8 | 35 |
| 10 | HIV-1 Nucleocapsid Protein Unfolds Stable RNA G-Quadruplexes in the Viral Genome and Is Inhibited by G-Quadruplex Ligands. ACS Infectious Diseases, 2019, 5, 2127-2135. | 3.8 | 46 |
| 11 | A dynamic i-motif with a duplex stem-loop in the long terminal repeat promoter of the HIV-1 proviral genome modulates viral transcription. Nucleic Acids Research, 2019, 47, 11057-11068. | 14.5 | 34 |
| 12 | G-Quadruplex Visualization in Cells via Antibody and Fluorescence Probe. Methods in Molecular Biology, 2019, 2035, 383-395. | 0.9 | 6 |
| 13 | Naphthalene Diimides as Multimodal G-Quadruplex-Selective Ligands. Molecules, 2019, 24, 426. | 3.8 | 63 |
| 14 | Dyads of Gâ€Quadruplex Ligands Triggering DNA Damage Response and Tumour Cell Growth Inhibition at Subnanomolar Concentration. Chemistry - A European Journal, 2019, 25, 11085-11097. | 3.3 | 14 |
| 15 | Stable and Conserved G-Quadruplexes in the Long Terminal Repeat Promoter of Retroviruses. ACS Infectious Diseases, 2019, 5, 1150-1159. | 3.8 | 25 |
| 16 | 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. European Journal of Medicinal Chemistry, 2019, 162, 176-193. | 5.5 | 12 |
| 17 | Surface Plasmon Resonance kinetic analysis of the interaction between G-quadruplex nucleic acids and an anti-G-quadruplex monoclonal antibody. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1276-1282. | 2.4 | 9 |
| 18 | A Catalytic and Selective Scissoring Molecular Tool for Quadruplex Nucleic Acids. Journal of the American Chemical Society, 2018, 140, 14528-14532. | 13.7 | 39 |

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|---|---|---|---|
| 19 | Down-Regulation of the Androgen Receptor by G-Quadruplex Ligands Sensitizes Castration-Resistant Prostate Cancer Cells to Enzalutamide. Journal of Medicinal Chemistry, 2018, 61, 8625-8638. | 6.4 | 28 |
| 20 | A Fragment-Based Approach for the Development of G-Quadruplex Ligands: Role of the Amidoxime Moiety. Molecules, 2018, 23, 1874. | 3.8 | 7 |
| 21 | A red-NIR fluorescent dye detecting nuclear DNA G-quadruplexes: in vitro analysis and cell imaging. Chemical Communications, 2017, 53, 2268-2271. | 4.1 | 54 |
| 22 | Identification of G-quadruplex DNA/RNA binders: Structure-based virtual screening and biophysical characterization. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1329-1340. | 2.4 | 33 |
| 23 | The cellular protein nucleolin preferentially binds long-looped G-quadruplex nucleic acids. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1371-1381. | 2.4 | 71 |
| 24 | Extended Naphthalene Diimides with Donor/Acceptor Hydrogenâ€Bonding Properties Targeting Gâ€Quadruplex Nucleic Acids. European Journal of Organic Chemistry, 2016, 2016, 4824-4833. | 2.4 | 7 |
| 25 | Synthesis and antiproliferative mechanism of action of pyrrolo[3â€²,2â€²:6,7] cyclohepta[1,2- d ]pyrimidin-2-amines as singlet oxygen photosensitizers. European Journal of Medicinal Chemistry, 2016, 123, 447-461. | 5.5 | 14 |
| 26 | Assessment of gene promoter G-quadruplex binding and modulation by a naphthalene diimide derivative in tumor cells. International Journal of Oncology, 2015, 46, 369-380. | 3.3 | 28 |
| 27 | Nucleolin stabilizes G-quadruplex structures folded by the LTR promoter and silences HIV-1 viral transcription. Nucleic Acids Research, 2015, 43, 8884-8897. | 14.5 | 123 |
| 28 | A Photoreactive Gâ€Quadruplex Ligand Triggered by Green Light. Chemistry - A European Journal, 2015, 21, 2330-2334. | 3.3 | 43 |
| 29 | The Herpes Simplex Virus-1 genome contains multiple clusters of repeated G-quadruplex: Implications for the antiviral activity of a G-quadruplex ligand. Antiviral Research, 2015, 118, 123-131. | 4.1 | 116 |
| 30 | Synthesis, Binding and Antiviral Properties of Potent Core-Extended Naphthalene Diimides Targeting the HIV-1 Long Terminal Repeat Promoter G-Quadruplexes. Journal of Medicinal Chemistry, 2015, 58, 9639-9652. | 6.4 | 87 |
| 31 | A Dynamic G-Quadruplex Region Regulates the HIV-1 Long Terminal Repeat Promoter. Journal of Medicinal Chemistry, 2013, 56, 6521-6530. | 6.4 | 153 |
| 32 | Targeting Loop Adenines in Gâ€Quadruplex by a Selective Oxirane. Chemistry - A European Journal, 2013, 19, 78-81. | 3.3 | 77 |
| 33 | Clerocidin-mediated DNA footprinting discriminates among different G-quadruplex conformations and detects tetraplex folding in a duplex environment. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 4660-4668. | 2.4 | 5 |
| 34 | Formation of a Unique Cluster of G-Quadruplex Structures in the HIV-1 nef Coding Region: Implications for Antiviral Activity. PLoS ONE, 2013, 8, e73121. | 2.5 | 94 |
| 35 | Conformation and Stability of Intramolecular Telomeric G-Quadruplexes: Sequence Effects in the Loops. PLoS ONE, 2013, 8, e84113. | 2.5 | 32 |
| 36 | Water soluble extended naphthalene diimides as pH fluorescent sensors and G-quadruplex ligands. Organic and Biomolecular Chemistry, 2012, 10, 3830. | 2.8 | 69 |

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| 37 | Hybrid ligandâ€“alkylating agents targeting telomeric G-quadruplex structures. Organic and Biomolecular Chemistry, 2012, 10, 2798. | 2.8 | 94 |
| 38 | Differential Targeting of Unpaired Bases within Duplex DNA by the Natural Compound Clerocidin: A Valuable Tool to Dissect DNA Secondary Structure. PLoS ONE, 2012, 7, e52994. | 2.5 | 9 |
| 39 | Naphthalene diimide scaffolds with dual reversible and covalent interaction properties towards G-quadruplex. Biochimie, 2011, 93, 1328-1340. | 2.6 | 86 |