

Nicola Micale

List of Publications by Year in descending order

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80
papers

2,470
citations

201385

27
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223531

46
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88
all docs

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docs citations

88
times ranked

2809
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Peptidomimetics with a Vinyl Sulfone Warhead as Irreversible Falcipain-2 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 988-996.	2.9	196
2	Synthesis and Anticonvulsant Activity of Novel and Potent 6,7-Methylenedioxyphthalazin-1(2H)-ones. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2851-2859.	2.9	193
3	Subunit-Specific Agonist Activity at NR2A-, NR2B-, NR2C-, and NR2D-Containing N-Methyl-D-aspartate Glutamate Receptors. <i>Molecular Pharmacology</i> , 2007, 72, 907-920.	1.0	151
4	Falcipain-2 inhibitors. <i>Medicinal Research Reviews</i> , 2010, 30, 136-167.	5.0	121
5	SARS-CoV-2 Mpro: A Potential Target for Peptidomimetics and Small-Molecule Inhibitors. <i>Biomolecules</i> , 2021, 11, 607.	1.8	97
6	Inhibition of Rhodesain as a Novel Therapeutic Modality for Human African Trypanosomiasis. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5637-5658.	2.9	77
7	Novel Peptidomimetics Containing a Vinyl Ester Moiety as Highly Potent and Selective Falcipain-2 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2157-2160.	2.9	73
8	Novel Peptidomimetic Cysteine Protease Inhibitors as Potential Antimalarial Agents. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 3064-3067.	2.9	71
9	1-Aryl-6,7-methylenedioxy-3 H -quinazolin-4-ones as anticonvulsant agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 4427-4430.	1.0	59
10	Direct and Chemoselective Synthesis of Tertiary Difluoroketones via Weinreb Amide Homologation with a CHF ₂ -Carbene Equivalent. <i>Organic Letters</i> , 2019, 21, 8261-8265.	2.4	53
11	Synthesis and Anticonvulsant Activity of Novel and Potent 2,3-Benzodiazepine AMPA/Kainate Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4414-4421.	2.9	48
12	Development of Novel Peptidomimetics Containing a Vinyl Sulfone Moiety as Proteasome Inhibitors. <i>ChemMedChem</i> , 2011, 6, 1228-1237.	1.6	47
13	Peptide-Based Proteasome Inhibitors in Anticancer Drug Design. <i>Medicinal Research Reviews</i> , 2014, 34, 1001-1069.	5.0	46
14	Nonpeptidic Vinyl and Allyl Phosphonates as Falcipain-2 Inhibitors. <i>ChemMedChem</i> , 2008, 3, 1030-1033.	1.6	44
15	7,8-Methylenedioxy-4H-2,3-benzodiazepin-4-ones as novel AMPA receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 971-976.	1.0	39
16	Design and Synthesis of a Potent and Selective Peptidomimetic Inhibitor of Caspase-3. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 6455-6458.	2.9	38
17	Synthesis and in vitro antitumour activity evaluation of 1-aryl-1H,3H-thiazolo[4,3-b]quinazolines. <i>European Journal of Medicinal Chemistry</i> , 2000, 35, 1115-1119.	2.6	37
18	Synthesis, Chiral Resolution, and Enantiopharmacology of a Potent 2,3-Benzodiazepine Derivative as Noncompetitive AMPA Receptor Antagonist. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 575-581.	2.9	35

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19	Synthesis of novel peptidomimetics as inhibitors of protozoan cysteine proteases falcipain-2 and rhodesain. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3228-3233.	2.6	34
20	Development of peptidomimetic boronates as proteasome inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 23-34.	2.6	34
21	Synthesis and antitumor activity of 1,3-benzodioxole derivatives. <i>Il Farmaco</i> , 2002, 57, 853-859.	0.9	31
22	Constrained peptidomimetics as antiplasmodial falcipain-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4928-4938.	1.4	31
23	Peptidomimetics containing a vinyl ketone warhead as falcipain-2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2058-2065.	2.6	30
24	Novel 2H-isoquinolin-3-ones as antiplasmodial falcipain-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6505-6511.	1.4	28
25	Copper(II) complexes with tridentate halogen-substituted Schiff base ligands: synthesis, crystal structures and investigating the effect of halogenation, leaving groups and ligand flexibility on antiproliferative activities. <i>Dalton Transactions</i> , 2021, 50, 3990-4007.	1.6	28
26	Synthesis and anticonvulsant activity of new 2,3-benzodiazepines as AMPA receptor antagonists. <i>Il Farmaco</i> , 1999, 54, 178-187.	0.9	27
27	Synthesis of benzothiazole derivatives and their biological evaluation as anticancer agents. <i>Medicinal Chemistry Research</i> , 2012, 21, 2644-2651.	1.1	27
28	Synthesis and Molecular Modeling Studies of Derivatives of a Highly Potent Peptidomimetic Vinyl Ester as Falcipain-2 Inhibitors. <i>ChemMedChem</i> , 2012, 7, 1594-1600.	1.6	27
29	Optimization of peptidomimetic boronates bearing a P3 bicyclic scaffold as proteasome inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 1-14.	2.6	27
30	Selected cytotoxic gold compounds cause significant inhibition of 20S proteasome catalytic activities. <i>Journal of Inorganic Biochemistry</i> , 2014, 141, 79-82.	1.5	27
31	Chloro-substituted Hoveyda-Grubbs ruthenium carbene: Investigation of electronic effects. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3574-3576.	0.8	26
32	Identification of a new series of amides as non-covalent proteasome inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 1-9.	2.6	25
33	Hydroxamic Acid-Based Histone Deacetylase (HDAC) Inhibitors Bearing a Pyrazole Scaffold and a Cinnamoyl Linker. <i>International Journal of Molecular Sciences</i> , 2019, 20, 945.	1.8	25
34	Hydrogels for the Delivery of Plant-Derived (Poly)Phenols. <i>Molecules</i> , 2020, 25, 3254.	1.7	25
35	Pseudo-Dipeptide Bearing $\hat{I}\pm, \hat{I}\pm$ -Difluoromethyl Ketone Moiety as Electrophilic Warhead with Activity against Coronaviruses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1398.	1.8	25
36	Synthesis and anticonvulsant activity of novel and potent 1-aryl-7,8-methylenedioxy-1,2,3,5-tetrahydro-4H-2,3-benzodiazepin-4-ones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 463-466.	1.0	24

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37	Mechanism of falcipain-2 inhibition by \hat{I}^{\pm}, \hat{I}^2 -unsaturated benzo[1,4]diazepin-2-one methyl ester. <i>Journal of Computer-Aided Molecular Design</i> , 2012, 26, 1035-1043.	1.3	24
38	Gold compounds as cysteine protease inhibitors: perspectives for pharmaceutical application as antiparasitic agents. <i>BioMetals</i> , 2017, 30, 313-320.	1.8	24
39	Click-on PLGA-PEG and hyaluronic acid: Gaining access to anti-leishmanial pentamidine bioconjugates. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2778-2785.	1.6	24
40	New 7,8-ethylenedioxy-2,3-benzodiazepines as noncompetitive AMPA receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 167-170.	1.0	23
41	Structure-activity study of 2,3-benzodiazepin-4-ones noncompetitive AMPAR antagonists: Identification of the 1-(4-amino-3-methylphenyl)-3,5-dihydro-7,8-ethylenedioxy-4H-2,3-benzodiazepin-4-one as neuroprotective agent. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 2200-2211.	1.4	23
42	Mechanism of Inhibition of the GluA2 AMPA Receptor Channel Opening: The Role of 4-Methyl versus 4-Carbonyl Group on the Diazepine Ring of 2,3-Benzodiazepine Derivatives. <i>ACS Chemical Neuroscience</i> , 2011, 2, 506-513.	1.7	23
43	Mechanism of Inhibition of the GluR2 AMPA Receptor Channel Opening by 2,3-Benzodiazepine Derivatives. <i>Biochemistry</i> , 2008, 47, 1061-1069.	1.2	22
44	Discovery of benzimidazole-based <i>Leishmania mexicana</i> cysteine protease CPB inhibitors as potential therapeutics for leishmaniasis. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1585-1596.	1.5	22
45	Synthesis and cytotoxic activity of 1,3-benzodioxole derivatives. <i>Note II. Il Farmaco</i> , 2003, 58, 351-355.	0.9	19
46	N-Hydroxypyrazolyl Glycine Derivatives as Selective N-Methyl-D-aspartic Acid Receptor Ligands. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4179-4187.	2.9	19
47	Selected gold compounds cause pronounced inhibition of Falcipain 2 and effectively block <i>P. falciparum</i> growth in vitro. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1576-1579.	1.5	19
48	Peptidyl Fluoromethyl Ketones and Their Applications in Medicinal Chemistry. <i>Molecules</i> , 2020, 25, 4031.	1.7	18
49	Characterization of the mechanism of anticonvulsant activity for a selected set of putative AMPA receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 443-446.	1.0	17
50	Mechanism of Inhibition of GluA2 AMPA Receptor Channel Opening by 2,3-Benzodiazepine Derivatives: Functional Consequences of Replacing a 7,8-Methylenedioxy with a 7,8-Ethylenedioxy Moiety. <i>Biochemistry</i> , 2012, 51, 1787-1795.	1.2	17
51	Synthesis of C3/C1-Substituted Tetrahydroisoquinolines. <i>Molecules</i> , 2015, 20, 14902-14914.	1.7	17
52	Silibinin-conjugated graphene nanoplateform: Synthesis, characterization and biological evaluation. <i>FlatChem</i> , 2017, 1, 34-41.	2.8	17
53	Natural Product-Based Hybrids as Potential Candidates for the Treatment of Cancer: Focus on Curcumin and Resveratrol. <i>Molecules</i> , 2021, 26, 4665.	1.7	17
54	Development of Novel Selective Peptidomimetics Containing a Boronic Acid Moiety, Targeting the 20S Proteasome as Anticancer Agents. <i>ChemMedChem</i> , 2014, 9, 1801-1816.	1.6	16

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55	Anticancer study of heterobimetallic platinum(II)-ruthenium(II) and platinum(II)-rhodium(III) complexes with bridging dithiooxamide ligand. <i>Journal of Organometallic Chemistry</i> , 2019, 900, 120918.	0.8	15
56	Novel Potent AMPA/Kainate Receptor Antagonists: Synthesis and Anticonvulsant Activity of a Series of 2-[(4-Alkylsemicarbazono)-(4-amino-phenyl)methyl]-4,5-methylenedioxyphenylacetic Acid Alkyl Esters. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 4433-4442.	2.9	14
57	Enantioselective recognition of 2,3-benzodiazepin-4-one derivatives with anticonvulsant activity on several polysaccharide chiral stationary phases. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 838, 56-62.	1.2	14
58	State of the Art on Green Route Synthesis of Gold/Silver Bimetallic Nanoparticles. <i>Molecules</i> , 2022, 27, 1134.	1.7	14
59	A SIMPLE AND EFFICIENT SYNTHESIS OF GYKI 52466 AND GYKI 52895. <i>Synthetic Communications</i> , 2002, 32, 527-533.	1.1	12
60	Investigation of the influence of chirality and halogen atoms on the anticancer activity of enantiopure palladium(II) complexes derived from chiral amino-alcohol Schiff bases and 2-picolyamine. <i>New Journal of Chemistry</i> , 2022, 46, 6470-6483.	1.4	12
61	Antimicrobial and antiprotozoal activities of silver coordination polymers derived from the asymmetric halogenated Schiff base ligands. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6079.	1.7	11
62	Design of 1-substituted 2-arylmethyl-4,5-methylenedioxybenzene derivatives as antiseizure agents. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3703-3709.	1.4	10
63	Ensemble-based ADME-Tox profiling and virtual screening for the discovery of new inhibitors of the <i>Leishmania mexicana</i> cysteine protease CPB2.81 ^{CTE} . <i>Chemical Biology and Drug Design</i> , 2018, 91, 597-604.	1.5	10
64	Antiproliferative Properties of a Few Auranofin-Related Gold(I) and Silver(I) Complexes in Leukemia Cells and their Interferences with the Ubiquitin Proteasome System. <i>Molecules</i> , 2020, 25, 4454.	1.7	10
65	Synthesis, solution behaviour and potential anticancer activity of new trinuclear organometallic palladium(II) complex of {S}-1-phenylethyl dithiooxamide: Comparison with the trinuclear heterobimetallic platinum(II) analogue. <i>Polyhedron</i> , 2019, 164, 195-201.	1.0	9
66	Heteroleptic enantiopure Pd(II)-complexes derived from halogen-substituted Schiff bases and 2-picolyamine: synthesis, experimental and computational characterization and investigation of the influence of chirality and halogen atoms on the anticancer activity. <i>New Journal of Chemistry</i> , 2021, 45, 9163-9180.	1.4	9
67	Ruthenium(II) and palladium(II) homo- and heterobimetallic complexes: synthesis, crystal structures, theoretical calculations and biological studies. <i>Dalton Transactions</i> , 2019, 48, 15869-15887.	1.6	8
68	Synthesis and Anti-HIV Profile of a Novel Tetrahydroindazolylbenzamide Derivative Obtained by Oxazolone Chemistry. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 398-401.	1.3	8
69	Synthesis of 2-semicarbazonomethyl-4,5-methylenedioxyphenylacetic acids as anticonvulsant agents. <i>Il Farmaco</i> , 2005, 60, 231-235.	0.9	6
70	Synthesis of Novel 3-(Alkylcarbamoyl)-2-aryl-1,2-dihydro-6,7-(methylenedioxy)-3H-quinazolin-4-ones as Anticonvulsant Agents. <i>Chemistry and Biodiversity</i> , 2006, 3, 304-311.	1.0	4
71	Synthesis and biological evaluation of new 2-amino-6-(trifluoromethoxy)benzoxazole derivatives, analogues of riluzole. <i>Medicinal Chemistry Research</i> , 2013, 22, 6089-6095.	1.1	4
72	Enantioseparation, absolute configuration determination, and anticonvulsant activity of (±)-1-(4-aminophenyl)-7,8-methylenedioxy-1,2,3,5-tetrahydro-4H-2,3-benzodiazepin-4-one. <i>Chirality</i> , 2007, 19, 16-21.	1.3	3

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73	Synthesis, Characterization and Anticancer Studies of Rh(I), Rh(III), Pd(II) and Pt(II) Complexes Bearing A Dithiooxamide Ligand. <i>ChemistrySelect</i> , 2020, 5, 810-817.	0.7	3
74	Cytotoxic oxidovanadium(IV) complexes of tridentate halogen π -substituted Schiff bases: First dinuclear V(IV) complexes with O π - π -O core. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 49, 128285.	1.0	3
75	5-Phenyl-9H-1,3-dioxolo[4,5-h][2,3]benzodiazepin-8(7H)-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o117-o119.	0.4	2
76	Synthesis and Cytotoxic Activity of 1,3-Benzodioxole Derivatives. Part 2.. <i>ChemInform</i> , 2003, 34, no.	0.1	1
77	Synthesis, Chiral Resolution and Pharmacological Evaluation of a 2,3-Benzodiazepine-Derived Noncompetitive AMPA Receptor Antagonist. <i>ChemMedChem</i> , 2009, 4, 415-420.	1.6	1
78	Synthesis and Antitumor Activity of 1,3-Benzodioxole Derivatives.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
79	1-Aryl-6,7-methylenedioxy-3H-quinazolin-4-ones as Anticonvulsant Agents.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
80	Peptide-based boronates: How to achieve tissue specificity in anticancer therapy. <i>World Journal of Translational Medicine</i> , 2013, 2, 32.	3.5	0