

# Loredana Cappellacci

## List of Publications by Year in descending order

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115  
papers

3,655  
citations

117571

34  
h-index

161767

54  
g-index

124  
all docs

124  
docs citations

124  
times ranked

4036  
citing authors

#	ARTICLE	IF	CITATIONS
1	The essential oil from industrial hemp ( <i>Cannabis sativa</i> L.) by-products as an effective tool for insect pest management in organic crops. <i>Industrial Crops and Products</i> , 2018, 122, 308-315.	2.5	151
2	Synergized mixtures of Apiaceae essential oils and related plant-borne compounds: Larvicidal effectiveness on the filariasis vector <i>Culex quinquefasciatus</i> Say. <i>Industrial Crops and Products</i> , 2017, 96, 186-195.	2.5	135
3	Mechanisms underlying reductant-induced reactive oxygen species formation by anticancer copper(II) compounds. <i>Journal of Biological Inorganic Chemistry</i> , 2012, 17, 409-423.	1.1	120
4	Acute and sub-lethal toxicity of eight essential oils of commercial interest against the filariasis mosquito <i>Culex quinquefasciatus</i> and the housefly <i>Musca domestica</i> . <i>Industrial Crops and Products</i> , 2018, 112, 668-680.	2.5	111
5	Mosquito control with green nanopesticides: towards the One Health approach? A review of non-target effects. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10184-10206.	2.7	111
6	Furanfuran and Thiophenfurin: Two Novel Tiazofurin Analogs. Synthesis, Structure, Antitumor Activity, and Interactions with Inosine Monophosphate Dehydrogenase. <i>Journal of Medicinal Chemistry</i> , 1995, 38, 3829-3837.	2.9	103
7	Decomposition Pathways and In Vitro HIV Inhibitory Effects of IsoddA Pronucleotides: A Toward a Rational Approach for Intracellular Delivery of Nucleoside 5'-Monophosphates. <i>Journal of Medicinal Chemistry</i> , 1996, 39, 1981-1990.	2.9	92
8	Diverse biological effects of the essential oil from Iranian <i>Trachyspermum ammi</i> . <i>Arabian Journal of Chemistry</i> , 2016, 9, 775-786.	2.3	91
9	The A1 adenosine receptor as a new player in microglia physiology. <i>Glia</i> , 2014, 62, 122-132.	2.5	86
10	Recent Progress in Histone Deacetylase Inhibitors as Anticancer Agents. <i>Current Medicinal Chemistry</i> , 2020, 27, 2449-2493.	1.2	85
11	Not just popular spices! Essential oils from <i>Cuminum cyminum</i> and <i>Pimpinella anisum</i> are toxic to insect pests and vectors without affecting non-target invertebrates. <i>Industrial Crops and Products</i> , 2018, 124, 236-243.	2.5	79
12	Synthesis, Structure, and Antiproliferative Activity of Selenophenfurin, an Inosine 5'-Monophosphate Dehydrogenase Inhibitor Analogue of Selenazofurin. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 1731-1737.	2.9	75
13	Initial-Rate Kinetics of Human NMN-Adenylyltransferases: Substrate and Metal Ion Specificity, Inhibition by Products and Multisubstrate Analogues, and Isozyme Contributions to NAD <sup>+</sup> Biosynthesis. <i>Biochemistry</i> , 2007, 46, 4912-4922.	1.2	74
14	Synthesis and potency of novel uracil nucleotides and derivatives as P2Y2 and P2Y6 receptor agonists. <i>Biorganic and Medicinal Chemistry</i> , 2008, 16, 6319-6332.	1.4	74
15	The crop-residue of fiber hemp cv. Futura 75: from a waste product to a source of botanical insecticides. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10515-10525.	2.7	72
16	2-C-Methyl Analogues of Selective Adenosine Receptor Agonists: Synthesis and Binding Studies. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 1708-1715.	2.9	65
17	Outstanding insecticidal activity and sublethal effects of <i>Carlina acaulis</i> root essential oil on the housefly, <i>Musca domestica</i> , with insights on its toxicity on human cells. <i>Food and Chemical Toxicology</i> , 2020, 136, 111037.	1.8	60
18	Identification of highly effective antitrypanosomal compounds in essential oils from the Apiaceae family. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 154-165.	2.9	59

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19	Effectiveness of eight essential oils against two key stored-product beetles, <i>Prostephanus truncatus</i> (Horn) and <i>Trogoderma granarium</i> Everts. <i>Food and Chemical Toxicology</i> , 2020, 139, 111255.	1.8	59
20	Carlina oxide from <i>Carlina acaulis</i> root essential oil acts as a potent mosquito larvicide. <i>Industrial Crops and Products</i> , 2019, 137, 356-366.	2.5	55
21	Developing a Highly Stable <i>Carlina acaulis</i> Essential Oil Nanoemulsion for Managing <i>Lobesia botrana</i> . <i>Nanomaterials</i> , 2020, 10, 1867.	1.9	55
22	Rationale for developing novel mosquito larvicides based on isofuranodiene microemulsions. <i>Journal of Pest Science</i> , 2019, 92, 909-921.	1.9	53
23	5'-Chloro-5'-deoxy-( $\pm$ )-ENBA, a Potent and Selective Adenosine A1 Receptor Agonist, Alleviates Neuropathic Pain in Mice Through Functional Glial and Microglial Changes without Affecting Motor or Cardiovascular Functions. <i>Molecules</i> , 2012, 17, 13712-13726.	1.7	52
24	Ligand Design for <i>N</i> - or <i>N</i> -Pyrazolone-Based Hydrazones Ruthenium(II)-Arene Complexes and Investigation of Their Anticancer Activity. <i>Inorganic Chemistry</i> , 2018, 57, 14123-14133.	1.9	47
25	<i>Origanum syriacum</i> subsp. <i>syriacum</i> : From an ingredient of Lebanese <i>manousheh</i> <sup>TM</sup> to a source of effective and eco-friendly botanical insecticides. <i>Industrial Crops and Products</i> , 2019, 134, 26-32.	2.5	45
26	Isosteric Analogues of Nicotinamide Adenine Dinucleotide Derived from Furanfuran, Thiophenfurin, and Selenophenfurin as Mammalian Inosine Monophosphate Dehydrogenase (Type I and II) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 1702-1707.	2.9	44
27	N6-Cycloalkyl- and N6-Bicycloalkyl-C5 <sup>2</sup> (C2 <sup>2</sup> )-modified Adenosine Derivatives as High-Affinity and Selective Agonists at the Human A1 Adenosine Receptor with Antinociceptive Effects in Mice. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2393-2406.	2.9	44
28	The antinociceptive effect of 2-chloro-2'-methyl-N6-cyclopentyladenosine (2'-Me-CCPA), a highly selective adenosine A1 receptor agonist, in the rat. <i>Pain</i> , 2007, 131, 281-292.	2.0	42
29	Encapsulation of <i>Carlina acaulis</i> essential oil and carlina oxide to develop long-lasting mosquito larvicides: microemulsions versus nanoemulsions. <i>Journal of Pest Science</i> , 2021, 94, 899-915.	1.9	41
30	Erythrocyte-mediated delivery of a new homodinucleotide active against human immunodeficiency virus and herpes simplex virus. <i>Journal of Antimicrobial Chemotherapy</i> , 2001, 47, 819-827.	1.3	40
31	Acaricidal properties of hemp ( <i>Cannabis sativa</i> L.) essential oil against <i>Dermanyssus gallinae</i> and <i>Hyalomma dromedarii</i> . <i>Industrial Crops and Products</i> , 2020, 147, 112238.	2.5	40
32	Synthesis, Conformational Analysis, and Biological Activity of C-Thioribonucleosides Related to Tiazofurin. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 1264-1270.	2.9	38
33	NMN/NaMN Adenylyltransferase (NMNAT) and NAD Kinase (NADK) Inhibitors: Chemistry and Potential Therapeutic Applications. <i>Current Medicinal Chemistry</i> , 2011, 18, 1973-1992.	1.2	37
34	Antitumor Activity of C-Methyl- $\beta$ -D-ribofuranosyladenine Nucleoside Ribonucleotide Reductase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 4983-4989.	2.9	35
35	Synthesis and Evaluation of the Anti-HIV Activity of Aza and Deaza Analogs of Isodda and Their Phosphates as Prodrugs. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 3534-3541.	2.9	34
36	A new C-nucleoside analogue of tiazofurin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 67-69.	1.0	34

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37	Synthesis, Biological Evaluation, and Molecular Modeling of Ribose-Modified Adenosine Analogues as Adenosine Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 1550-1562.	2.9	34
38	Synthesis of Triazole-Linked Analogues of c-di-GMP and Their Interactions with Diguanylate Cyclase. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8269-8284.	2.9	34
39	Developing green insecticides to manage olive fruit flies? Ingestion toxicity of four essential oils in protein baits on <i>Bactrocera oleae</i> . <i>Industrial Crops and Products</i> , 2020, 143, 111884.	2.5	33
40	Synthesis of 4-Thio- $\beta$ -D-arabinofuranosylcytosine (4-Thio-ara-C) and Comparison of Its Anticancer Activity with That of Ara-C. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2000, 19, 329-340.	0.4	32
41	Insights into the GTP-dependent allosteric control of c-di-GMP hydrolysis from the crystal structure of PA0575 protein from <i>Pseudomonas aeruginosa</i> . <i>FEBS Journal</i> , 2018, 285, 3815-3834.	2.2	31
42	Isofuranodiene and germacrone from <i>Smyrniolus olusatrum</i> essential oil as acaricides and oviposition inhibitors against <i>Tetranychus urticae</i> : impact of chemical stabilization of isofuranodiene by interaction with silver triflate. <i>Journal of Pest Science</i> , 2017, 90, 693-699.	1.9	30
43	Adenosine A1 receptor stimulation reduces D1 receptor-mediated GABAergic transmission from striato-nigral terminals and attenuates L-DOPA-induced dyskinesia in dopamine-denervated mice. <i>Experimental Neurology</i> , 2014, 261, 733-743.	2.0	29
44	Identification of <i>Onosma visianii</i> Roots Extract and Purified Shikonin Derivatives as Potential Acaricidal Agents against <i>Tetranychus urticae</i> . <i>Molecules</i> , 2017, 22, 1002.	1.7	29
45	<i>Carlina acaulis</i> and <i>Trachyspermum ammi</i> essential oils formulated in protein baits are highly toxic and reduce aggressiveness in the medfly, <i>Ceratitis capitata</i> . <i>Industrial Crops and Products</i> , 2021, 161, 113191.	2.5	29
46	Ribose-Modified Nucleosides as Ligands for Adenosine Receptors: Synthesis, Conformational Analysis, and Biological Evaluation of 1-C-Methyl Adenosine Analogues. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1196-1202.	2.9	28
47	C-Glycosyl Bond Conformation in Oxazofurin: Crystallographic and Computational Studies of the Oxazole Analog of Tiazofurin. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 1684-1688.	2.9	27
48	Synthesis and Antiviral Activity of 8-Aza Analogs of Chiral [2-(Phosphonomethoxy)propyl]guanines. <i>Journal of Medicinal Chemistry</i> , 1995, 38, 4007-4013.	2.9	27
49	Synthesis and antitumor activity of 2-beta-D-ribofuranosyloxazole-4-carboxamide (oxazofurin). <i>Journal of Medicinal Chemistry</i> , 1990, 33, 2849-2852.	2.9	26
50	Stereoselective synthesis of nicotinamide $\beta$ -ribose and nucleoside analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4655-4658.	1.0	26
51	8-Azaxanthine Derivatives as Antagonists of Adenosine Receptors. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 2970-2975.	2.9	25
52	5-Carbamoyl derivatives of 2-C-methyl-purine nucleosides as selective A1 adenosine receptor agonists: Affinity, efficacy, and selectivity for A1 receptor from different species. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 336-353.	1.4	24
53	Mexican sunflower ( <i>Tithonia diversifolia</i> , Asteraceae) volatile oil as a selective inhibitor of <i>Staphylococcus aureus</i> nicotinate mononucleotide adenylyltransferase (NadD). <i>Industrial Crops and Products</i> , 2016, 85, 181-189.	2.5	24
54	Oviposition inhibitory activity of the Mexican sunflower <i>Tithonia diversifolia</i> (Asteraceae) polar extracts against the two-spotted spider mite <i>Tetranychus urticae</i> (Tetranychidae). <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 85-92.	1.3	24

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55	Biological Activities of the Essential Oil from <i>Erigeron floribundus</i> . <i>Molecules</i> , 2016, 21, 1065.	1.7	23
56	An overlooked horticultural crop, <i>Smyrniololus</i> , as a potential source of compounds effective against African trypanosomiasis. <i>Parasitology International</i> , 2017, 66, 146-151.	0.6	23
57	<i>Trypanosoma brucei</i> Inhibition by Essential Oils from Medicinal and Aromatic Plants Traditionally Used in Cameroon ( <i>Azadirachta indica</i> , <i>Aframomum melegueta</i> , <i>Aframomum daniellii</i> , <i>Clausena anisata</i> ), <i>Tj ETQq1</i> 1.2.784314.rgBT / <i>Public Health</i> , 2017, 14, 737.	1.2	23
58	Lethal and behavioural effects of a green insecticide against an invasive polyphagous fruit fly pest and its safety to mammals. <i>Chemosphere</i> , 2022, 287, 132089.	4.2	23
59	5- <i>Ethyl</i> - <i>6</i> -Substituted Adenosine and 2-Chloro-adenosine Derivatives as Highly Potent Dual Acting Adenosine Receptor Agonists and Adenosine Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2560-2566.	2.9	22
60	Novel Inhibitors of Inosine Monophosphate Dehydrogenase in Patent Literature of the Last Decade. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2013, 8, 103-125.	0.8	22
61	Selective inhibition of nicotinamide adenine dinucleotide kinases by dinucleoside disulfide mimics of nicotinamide adenine dinucleotide analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5656-5664.	1.4	21
62	Identification of tagitinin C from <i>Tithonia diversifolia</i> as antitrypanosomal compound using bioactivity-guided fractionation. <i>F&amp;A</i> , 2018, 124, 145-151.	1.1	21
63	Efficacy of <i>Origanum syriacum</i> Essential Oil against the Mosquito Vector <i>Culex quinquefasciatus</i> and the Gastrointestinal Parasite <i>Anisakis simplex</i> , with Insights on Acetylcholinesterase Inhibition. <i>Molecules</i> , 2019, 24, 2563.	1.7	21
64	Efficacy of the furanosesquiterpene isofuranodiene against the stored-product insects <i>Prostephanus truncatus</i> (Coleoptera: Bostrychidae) and <i>Trogoderma granarium</i> (Coleoptera: Dermestidae). <i>Journal of Stored Products Research</i> , 2020, 86, 101553.	1.2	21
65	Synthesis, conformational analysis, and biological activity of new analogues of thiazole-4-carboxamide adenine dinucleotide (TAD) as IMP dehydrogenase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 2045-2053.	1.4	20
66	Ribose-Modified Purine Nucleosides as Ribonucleotide Reductase Inhibitors. Synthesis, Antitumor Activity, and Molecular Modeling of 5-Substituted 2-Methyladenosine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4260-4269.	2.9	20
67	Spilanthal-rich essential oil obtained by microwave-assisted extraction from <i>Acmella oleracea</i> (L.) R.K. Jansen and its nanoemulsion: Insecticidal, cytotoxic and anti-inflammatory activities. <i>Industrial Crops and Products</i> , 2021, 172, 114027.	2.5	20
68	A new acyclic heterodinucleotide active against Human Immunodeficiency Virus and Herpes Simplex Virus. <i>Antiviral Research</i> , 2000, 47, 149-158.	1.9	17
69	Bioactivity of <i>Carlina acaulis</i> Essential Oil and Its Main Component towards the Olive Fruit Fly, <i>Bactrocera oleae</i> : Ingestion Toxicity, Electrophysiological and Behavioral Insights. <i>Insects</i> , 2021, 12, 880.	1.0	17
70	Exploring the Molecular Mechanisms Underlying the <i>in vitro</i> Anticancer Effects of Multitarget-Directed Hydrazone Ruthenium(II)-Arene Complexes. <i>ChemMedChem</i> , 2020, 15, 105-113.	1.6	16
71	A New Tiazofurin Pronucleotide: Synthesis and Biological Evaluation of CycloSaligenyl-Tiazofurin Monophosphate. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 869-872.	0.4	15
72	Exploring the Role of 5-Substituents in Potent Dual Acting 5-Ethyltetrazolyladenosine Derivatives: Synthesis, Binding, Functional Assays, and Antinociceptive Effects in Mice. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4327-4341.	2.9	15

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73	Adenosine receptors as promising targets for the management of ocular diseases. <i>Medicinal Chemistry Research</i> , 2021, 30, 353-370.	1.1	15
74	Comparative Analysis of the Antimicrobial Activity of Essential Oils and Their Formulated Microemulsions against Foodborne Pathogens and Spoilage Bacteria. <i>Antibiotics</i> , 2022, 11, 447.	1.5	15
75	8-Aza Analogues of Deaza Purine Nucleosides. Synthesis and Biological Evaluation of 8-Aza-1-deazaadenosine and 2-Deoxy-8-aza-1-deazaadenosine. <i>Nucleosides &amp; Nucleotides</i> , 1992, 11, 1059-1076.	0.5	14
76	Inhibition of HIV-1 replication in macrophages by a heterodinucleotide of lamivudine and tenofovir. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 59, 666-675.	1.3	14
77	c-nucleoside analogues of furanfurin as ligands to $\alpha 1$ adenosine receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 2367-2373.	1.4	13
78	Ribose-modified Mizoribine Analogues: Synthesis and Biological Evaluation. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 2023-2027.	0.4	13
79	Exploring the Insecticidal Potential of Boldo ( <i>Peumus boldus</i> ) Essential Oil: Toxicity to Pests and Vectors and Non-target Impact on the Microcrustacean <i>Daphnia magna</i> . <i>Molecules</i> , 2019, 24, 879.	1.7	13
80	Multitarget 1,4-Dioxane Compounds Combining Favorable D <sub>2</sub> -like and 5-HT <sub>1A</sub> Receptor Interactions with Potential for the Treatment of Parkinson's Disease or Schizophrenia. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2222-2228.	1.7	13
81	Isofuranodiene-based nanoemulsion: larvicidal and adulticidal activity against tenebrionid beetles attacking stored wheat. <i>Journal of Stored Products Research</i> , 2021, 93, 101859.	1.2	13
82	A Comprehensive Phytochemical Analysis of Terpenes, Polyphenols and Cannabinoids, and Micromorphological Characterization of 9 Commercial Varieties of <i>Cannabis sativa</i> L.. <i>Plants</i> , 2022, 11, 891.	1.6	13
83	Inhibition of HIV-1 Replication in Macrophages by Red Blood Cell-Mediated Delivery of a Heterodinucleotide of Azidothymidine and 9-(R)-2-(Phosphono Methoxypropyl)adenine. <i>Antiviral Chemistry and Chemotherapy</i> , 2001, 12, 151-159.	0.3	12
84	Insecticidal activity of two essential oils used in perfumery (ylang ylang and frankincense). <i>Natural Product Research</i> , 2021, 35, 4746-4752.	1.0	12
85	Poly(Styrene Sulfonate)/Poly(Allylamine Hydrochloride) Encapsulation of TiO <sub>2</sub> Nanoparticles Boosts Their Toxic and Repellent Activity Against Zika Virus Mosquito Vectors. <i>Journal of Cluster Science</i> , 2018, 29, 27-39.	1.7	11
86	Apiaceae essential oil nanoemulsions as effective wheat protectants against five arthropod pests. <i>Industrial Crops and Products</i> , 2022, 186, 115001.	2.5	11
87	Purine and Pyrimidine Nucleoside Analogs of 3'-C-Methyladenosine as Antitumor Agents. <i>Collection of Czechoslovak Chemical Communications</i> , 2006, 71, 1088-1098.	1.0	10
88	Synthesis and biological activity of novel N6-substituted and 2,N6-disubstituted adenine ribo- and 3-C-methyl-ribonucleosides as antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1499-1504.	2.6	9
89	Structure-Based Design, Synthesis, and In Vivo Antinociceptive Effects of Selective A <sub>1</sub> Adenosine Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 305-318.	2.9	9
90	Acyclic Nucleotides Related to Clitocine: Synthesis and Anti-HIV Activity. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 1995, 14, 607-610.	0.4	8

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91	Novel inhibitors of inosine monophosphate dehydrogenase in patent literature of the last decade. Recent Patents on Anti-Cancer Drug Discovery, 2013, 8, 103-25.	0.8	8
92	8-Aza Derivatives of 3-Deazapurine Nucleosides. Synthesis and <i>in vitro</i> Evaluation of Antiviral and Antitumor Activity. Antiviral Chemistry and Chemotherapy, 1993, 4, 341-352.	0.3	7
93	Synthesis and Structure Activity Relationships of 5-Substituted - 4-thio- $\beta$ -D-Arabinofuranosylcytosines. Nucleosides, Nucleotides and Nucleic Acids, 2000, 19, 2005-2017.	0.4	7
94	Synthesis and Anti-cancer Activity of Some Novel 5-Azacytosine Nucleosides. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 2161-2170.	0.4	7
95	Histone deacetylase inhibition modulates deoxyribonucleotide pools and enhances the antitumor effects of the ribonucleotide reductase inhibitor 3'-C-methyladenosine in leukaemia cells. International Journal of Oncology, 2011, 38, 1427-36.	1.4	7
96	A Design of Experiment (DoE) Approach to Model the Yield and Chemical Composition of Ajowan (Trachyspermum ammi L.) Essential Oil Obtained by Microwave-Assisted Extraction. Pharmaceuticals, 2021, 14, 816.	1.7	7
97	Pharmacokinetic and antiretroviral activity in mice of oral [P1,P2-bis[2-(adenin-9-yl)ethoxymethyl]phosphonate], a prodrug of 9-(2-phosphonylmethoxyethyl)adenine. Journal of Antimicrobial Chemotherapy, 2002, 50, 365-374.	1.3	6
98	Inhibition of HIV-1 Replication in Macrophages by Red Blood Cell-Mediated Delivery of a Heterodinucleotide of Lamivudine and Tenofovir. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 953-957.	0.4	6
99	Isofuranodiene, a Natural Sesquiterpene Isolated from Wild Celery (Smyrniolum olusatrum L.), Protects Rats against Acute Ischemic Stroke. Pharmaceuticals, 2021, 14, 344.	1.7	6
100	Synthesis and Evaluation of Anti-HIV-1 and Antitumor Activity of 2,3-didehydro-2,3-dideoxy-3-deazaadenosine, 2,3-dideoxy-3-Deazaadenosine and Some 2,3-dideoxy-3-deaza-adenosine 5-dialkyl Phosphates <sup>1</sup> . Nucleosides & Nucleotides, 1991, 10, 1551-1562.	0.5	5
101	A New Facile Synthesis and Antiviral Activity of Oxazofurin. Nucleosides & Nucleotides, 1993, 12, 359-368.	0.5	5
102	Synthesis, Antitumor Activity and Crystallographic Studies of Analogues of Tiazofurin. Nucleosides, Nucleotides and Nucleic Acids, 1995, 14, 637-640.	0.4	5
103	Dinucleoside Polyphosphate NAD Analogs as Potential NMN Adenyltransferase Inhibitors. Synthesis and Biological Evaluation. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 865-868.	0.4	5
104	The synergistic apoptotic effects of thiophenfurin, an inosine monophosphate dehydrogenase inhibitor, in combination with retinoids in HL60 cells. Oncology Reports, 2007, 17, 185-92.	1.2	5
105	SYNTHESIS AND BIOLOGICAL EVALUATION OF NAD ANALOGS AS HUMAN PYRIDINE NUCLEOTIDE ADENYLYLTRANSFERASE INHIBITORS. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 477-479.	0.4	4
106	From the covalent linkage of drugs to novel inhibitors of ribonucleotide reductase: Synthesis and biological evaluation of valproic esters of 3'-C-methyladenosine. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5304-5309.	1.0	4
107	Phytochemical Analysis and Trypanocidal Activity of Marrubium incanum Desr.. Molecules, 2020, 25, 3140.	1.7	4
108	Studying GGDEF Domain in the Act: Minimize Conformational Frustration to Prevent Artefacts. Life, 2021, 11, 31.	1.1	4

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109	Development of C-Methyl Branched Purine Ribonucleoside Analogs: Chemistry, Biological Activity and Therapeutic Potential. <i>Current Medicinal Chemistry</i> , 2016, 23, 3118-3135.	1.2	4
110	The synergistic apoptotic effects of thiophenfurin, an inosine monophosphate dehydrogenase inhibitor, in combination with retinoids in HL60 cells. <i>Oncology Reports</i> , 0, , .	1.2	4
111	Antitrypanosomal Activity of Anthriscus Nemorosa Essential Oils and Combinations of Their Main Constituents. <i>Antibiotics</i> , 2021, 10, 1413.	1.5	4
112	Synthesis of 3-Deazaclitocwe [2-Amino-3-nitro-4-( $\beta$ -D-ribofuranosylamino)pyridine] as Cytotoxic Agent. <i>Nucleosides &amp; Nucleotides</i> , 1991, 10, 543-545.	0.5	3
113	Synthesis and Biological Activity of 5-Azacytosine Nucleosides Derived from 4-Thio-2-Deoxy-L-threo-Pentofuranose and 4-Thio-2-Deoxy-D-erythro-Pentofuranose. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 613-614.	0.5	3
114	Synthesis and Antitumor Activity of a Heterodinucleotide of BVDU and Gemcitabine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 460-468.	0.4	3
115	Synthesis and Biological Application of a New Heterodinucleotide with Both Anti-HSV and Anti-HIV Activity. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 989-990.	0.5	1