

# Graciela Andrei

## List of Publications by Citations

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402  
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12,441  
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L-index

#	Paper	IF	Citations
402	Synthesis and antiviral activity of new pyrazole and thiazole derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 3746-53	6.8	231
401	Comparison of membrane affinity-based method with size-exclusion chromatography for isolation of exosome-like vesicles from human plasma. <i>Journal of Translational Medicine</i> , <b>2018</b> , 16, 1	8.5	208
400	Activities of various compounds against murine and primate polyomaviruses. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1997</b> , 41, 587-93	5.9	199
399	HPMPC (cidofovir), PMEA (adefovir) and Related Acyclic Nucleoside Phosphonate Analogues: A Review of their Pharmacology and Clinical Potential in the Treatment of Viral Infections. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1997</b> , 8, 1-23	3.5	192
398	Synthesis and antiviral activity of imidazo[1,2-a]pyridines. <i>European Journal of Medicinal Chemistry</i> , <b>1999</b> , 34, 271-274	6.8	185
397	Highly potent and selective inhibition of varicella-zoster virus by bicyclic furopyrimidine nucleosides bearing an aryl side chain. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 4993-7	8.3	173
396	Synthesis of imidazo[1,2-a]pyridines as antiviral agents. <i>Journal of Medicinal Chemistry</i> , <b>1998</b> , 41, 5108-13	8.3	169
395	Potent and selective inhibition of varicella-zoster virus (VZV) by nucleoside analogues with an unusual bicyclic base. <i>Journal of Medicinal Chemistry</i> , <b>1999</b> , 42, 4479-84	8.3	163
394	Structure-antiviral activity relationship in the series of pyrimidine and purine N-[2-(2-phosphonomethoxy)ethyl] nucleotide analogues. 1. Derivatives substituted at the carbon atoms of the base. <i>Journal of Medicinal Chemistry</i> , <b>1999</b> , 42, 2064-86	8.3	148
393	Successful treatment of progressive mucocutaneous infection due to acyclovir- and foscarnet-resistant herpes simplex virus with (S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine (HPMPC). <i>Clinical Infectious Diseases</i> , <b>1994</b> , 18, 570-8	11.6	139
392	Synthesis of acyclo-C-nucleosides in the imidazo[1,2-a]pyridine and pyrimidine series as antiviral agents. <i>Journal of Medicinal Chemistry</i> , <b>1996</b> , 39, 2856-9	8.3	135
391	Antiadenovirus activities of several classes of nucleoside and nucleotide analogues. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2005</b> , 49, 1010-6	5.9	122
390	Synthesis and antiviral activity evaluation of some new aminoadamantane derivatives. 2. <i>Journal of Medicinal Chemistry</i> , <b>1996</b> , 39, 3307-18	8.3	122
389	6-[2-(Phosphonomethoxy)alkoxy]pyrimidines with antiviral activity. <i>Journal of Medicinal Chemistry</i> , <b>2002</b> , 45, 1918-29	8.3	120
388	The novel immunosuppressive agent mycophenolate mofetil markedly potentiates the antiherpesvirus activities of acyclovir, ganciclovir, and penciclovir in vitro and in vivo. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1998</b> , 42, 216-22	5.9	117
387	Synthesis, biological evaluation, and structure analysis of a series of new 1,5-anhydrohexitol nucleosides. <i>Journal of Medicinal Chemistry</i> , <b>1995</b> , 38, 826-35	8.3	115
386	Practical and efficient synthesis of pyrano[3,2-c]pyridone, pyrano[4,3-b]pyran and their hybrids with nucleoside as potential antiviral and antileishmanial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 809-13	2.9	113

385	Antiviral activities of 5-ethynyl-1-beta-D-ribofuranosylimidazole-4- carboxamide and related compounds. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1991</b> , 35, 679-84	5.9	109
384	Topical tenofovir, a microbicide effective against HIV, inhibits herpes simplex virus-2 replication. <i>Cell Host and Microbe</i> , <b>2011</b> , 10, 379-89	23.4	97
383	Antivaccinia activities of acyclic nucleoside phosphonate derivatives in epithelial cells and organotypic cultures. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2002</b> , 46, 3356-61	5.9	96
382	Treatment of anogenital papillomavirus infections with an acyclic nucleoside phosphonate analogue. <i>New England Journal of Medicine</i> , <b>1995</b> , 333, 943-4	59.2	94
381	The lantibiotic peptide labyrinthopeptin A1 demonstrates broad anti-HIV and anti-HSV activity with potential for microbicidal applications. <i>PLoS ONE</i> , <b>2013</b> , 8, e64010	3.7	91
380	5-Substituted-2,4-diamino-6-[2-(phosphonomethoxy)ethoxy]pyrimidines-acyclic nucleoside phosphonate analogues with antiviral activity. <i>Journal of Medicinal Chemistry</i> , <b>2003</b> , 46, 5064-73	8.3	90
379	Molecular approaches for the treatment of hemorrhagic fever virus infections. <i>Antiviral Research</i> , <b>1993</b> , 22, 45-75	10.8	90
378	Synthesis and antiviral properties of (+/-)-5Pnoraristeromycin and related purine carbocyclic nucleosides. A new lead for anti-human cytomegalovirus agent design. <i>Journal of Medicinal Chemistry</i> , <b>1992</b> , 35, 3372-7	8.3	89
377	Inhibitory effect of selected antiviral compounds on arenavirus replication in vitro. <i>Antiviral Research</i> , <b>1990</b> , 14, 287-99	10.8	88
376	Influence of 6- or 8-substitution on the antiviral activity of 3-aryalkylthiomethylimidazo[1,2-a]pyridine against human cytomegalovirus (CMV) and varicella-zoster virus (VZV): part II. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 9536-45	3.4	84
375	Antiviral enantiomeric preference for 5Pnoraristeromycin. <i>Journal of Medicinal Chemistry</i> , <b>1994</b> , 37, 551-8.3	8.3	81
374	Sulphated Polymers are Potent and Selective Inhibitors of Various Enveloped Viruses, Including Herpes Simplex Virus, Cytomegalovirus, Vesicular Stomatitis Virus, Respiratory Syncytial Virus, and Toga-, Arena- and Retroviruses. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1990</b> , 1, 233-240	3.5	80
373	Activity of a Sulfated Polysaccharide Extracted from the Red Seaweed Aghardhiella Tenera against Human Immunodeficiency Virus and Other Enveloped Viruses. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1994</b> , 5, 297-303	3.5	79
372	The cyclohexene ring system as a furanose mimic: synthesis and antiviral activity of both enantiomers of cyclohexenylguanine. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 736-45	8.3	78
371	Antiviral activity of triazine analogues of 1-(S)-[3-hydroxy-2-(phosphonomethoxy)propyl]cytosine (cidofovir) and related compounds. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 1069-77	8.3	76
370	Iron chelators inhibit the growth and induce the apoptosis of Kaposi's sarcoma cells and of their putative endothelial precursors. <i>Journal of Investigative Dermatology</i> , <b>2000</b> , 115, 893-900	4.3	72
369	Antiviral activity of a sulphated polysaccharide from the red seaweed Nothogenia fastigiata. <i>Biochemical Pharmacology</i> , <b>1994</b> , 47, 2187-92	6	72
368	Synthesis and antiviral activity of 3-substituted imidazo[1,2-a]pyridines.. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1994</b> , 4, 1937-1940	2.9	68

- 367 Comparative activity of selected antiviral compounds against clinical isolates of varicella-zoster virus. *European Journal of Clinical Microbiology and Infectious Diseases*, **1995**, 14, 318-29 5.3 66
- 366 Acyclic nucleotide analogs derived from 8-azapurines: synthesis and antiviral activity. *Journal of Medicinal Chemistry*, **1996**, 39, 4073-88 8.3 66
- 365 Iron as a potential co-factor in the pathogenesis of Kaposi's sarcoma?. *International Journal of Cancer*, **1998**, 78, 720-6 7.5 64
- 364 Comparative activity of selected antiviral compounds against clinical isolates of human cytomegalovirus. *European Journal of Clinical Microbiology and Infectious Diseases*, **1991**, 10, 1026-33 5.3 64
- 363 Herpes simplex virus drug-resistance: new mutations and insights. *Current Opinion in Infectious Diseases*, **2013**, 26, 551-60 5.4 63
- 362 New neplanocin analogues. 1. Synthesis of 6Pmodified neplanocin A derivatives as broad-spectrum antiviral agents. *Journal of Medicinal Chemistry*, **1992**, 35, 324-31 8.3 63
- 361 Potent, selective and cell-mediated inhibition of human herpesvirus 6 at an early stage of viral replication by the non-nucleoside compound CMV423. *Biochemical Pharmacology*, **2004**, 67, 325-36 6 61
- 360 Cidofovir resistance in vaccinia virus is linked to diminished virulence in mice. *Journal of Virology*, **2006**, 80, 9391-401 6.6 60
- 359 Synthesis and biological evaluation of acyclic 3-[(2-hydroxyethoxy)methyl] analogues of antiviral furo- and pyrrolo[2,3-d]pyrimidine nucleosides. *Journal of Medicinal Chemistry*, **2005**, 48, 4690-6 8.3 60
- 358 Preclinical development of bicyclic nucleoside analogues as potent and selective inhibitors of varicella zoster virus. *Journal of Antimicrobial Chemotherapy*, **2007**, 60, 1316-30 5.1 59
- 357 Antiviral potential of a new generation of acyclic nucleoside phosphonates, the 6-[2-(phosphonomethoxy)alkoxy]-2,4-diaminopyrimidines. *Nucleosides, Nucleotides and Nucleic Acids*, **2005**, 24, 331-41 1.4 59
- 356 Susceptibilities of several clinical varicella-zoster virus (VZV) isolates and drug-resistant VZV strains to bicyclic furano pyrimidine nucleosides. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 1081-6 5.9 58
- 355 Distinct Effects of T-705 (Favipiravir) and Ribavirin on Influenza Virus Replication and Viral RNA Synthesis. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 6679-6691 5.9 57
- 354 Synthesis and antiviral activity of 2,4-diamino-5-cyano-6-[2-(phosphonomethoxy)ethoxy]pyrimidine and related compounds. *Bioorganic and Medicinal Chemistry*, **2004**, 12, 3197-202 3.4 56
- 353 Current pharmacological approaches to the therapy of varicella zoster virus infections: a guide to treatment. *Drugs*, **1999**, 57, 187-206 12.1 56
- 352 Discovery of a new family of inhibitors of human cytomegalovirus (HCMV) based upon lipophilic alkyl furano pyrimidine dideoxy nucleosides: action via a novel non-nucleosidic mechanism. *Journal of Medicinal Chemistry*, **2004**, 47, 1847-51 8.3 54
- 351 Antiproliferative and apoptotic effects of iron chelators on human cervical carcinoma cells. *Gynecologic Oncology*, **2002**, 85, 95-102 4.9 54
- 350 Synthesis, cytostatic and anti-HIV evaluations of the new unsaturated acyclic C-5 pyrimidine nucleoside analogues. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 5624-34 3.4 53

349	Meningoradiculoneuritis due to acyclovir-resistant varicella zoster virus in an acquired immune deficiency syndrome patient. <i>Journal of Medical Virology</i> , <b>1994</b> , 42, 338-47	19.7	53
348	Resistance of herpes simplex virus type 1 against different phosphonylmethoxyalkyl derivatives of purines and pyrimidines due to specific mutations in the viral DNA polymerase gene. <i>Journal of General Virology</i> , <b>2000</b> , 81, 639-48	4.9	53
347	CADA inhibits human immunodeficiency virus and human herpesvirus 7 replication by down-modulation of the cellular CD4 receptor. <i>Virology</i> , <b>2002</b> , 302, 342-53	3.6	52
346	Synthesis and anti-HCMV activity of 1-acyl-beta-lactams and 1-acylazetidines derived from phenylalanine. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2004</b> , 14, 2253-6	2.9	51
345	Synthesis and antiviral/antitumor evaluation of 2-amino- and 2-carboxamido-3-arylsulfonylthiophenes and related compounds as a new class of diarylsulfones. <i>Bioorganic and Medicinal Chemistry</i> , <b>2001</b> , 9, 1123-32	3.4	51
344	New 2-(1-adamantylcarbonyl)pyridine and 1-acetyladamantane thiosemicarbazones-thiocarbonohydrazone: cell growth inhibitory, antiviral and antimicrobial activity evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2002</b> , 12, 723-7	2.9	50
343	Influence of 2-substituent on the activity of imidazo[1,2-a] pyridine derivatives against human cytomegalovirus. <i>Bioorganic and Medicinal Chemistry</i> , <b>2002</b> , 10, 941-6	3.4	49
342	Cell-dependent interference of a series of new 6-aminoquinolone derivatives with viral (HIV/CMV) transactivation. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2005</b> , 56, 847-55	5.1	49
341	Acyclic/carbocyclic guanosine analogues as anti-herpesvirus agents. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2001</b> , 20, 271-85	1.4	49
340	Antiviral Activity of low-MW Dextran Sulphate (Derived from dextran MW 1000) Compared to Dextran Sulphate Samples of Higher MW. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1991</b> , 2, 171-179	3.5	49
339	Vaccinia virus-encoded ribonucleotide reductase subunits are differentially required for replication and pathogenesis. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000984	7.6	47
338	How Viruses Contribute to the Pathogenesis of Hemophagocytic Lymphohistiocytosis. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1102	8.4	46
337	Anti-influenza virus activity and structure-activity relationship of aglycoristocetin derivatives with cyclobutenedione carrying hydrophobic chains. <i>Antiviral Research</i> , <b>2009</b> , 82, 89-94	10.8	46
336	Ester prodrugs of cyclic 1-(S)-[3-hydroxy-2-(phosphonomethoxy)propyl]-5-azacytosine: synthesis and antiviral activity. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 5765-72	8.3	46
335	Cidofovir Activity against Poxvirus Infections. <i>Viruses</i> , <b>2010</b> , 2, 2803-30	6.2	45
334	Characterization of herpes simplex virus type 1 thymidine kinase mutants selected under a single round of high-dose brivudin. <i>Journal of Virology</i> , <b>2005</b> , 79, 5863-9	6.6	45
333	Differential antiviral activity of derivatized dextrans. <i>Biochemical Pharmacology</i> , <b>1995</b> , 50, 743-51	6	45
332	Novel antiviral C5-substituted pyrimidine acyclic nucleoside phosphonates selected as human thymidylate kinase substrates. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 222-32	8.3	44

331	Synthesis of new C5-(1-substituted-1,2,3-triazol-4 or 5-yl)-2Pdeoxyuridines and their antiviral evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 778-86	6.8	44
330	Polyanion inhibitors of HIV and other viruses. 7. Polyanionic compounds and polyzwitterionic compounds derived from cyclodextrins as inhibitors of HIV transmission. <i>Journal of Medicinal Chemistry</i> , <b>1998</b> , 41, 4927-32	8.3	44
329	From 1-acyl-beta-lactam human cytomegalovirus protease inhibitors to 1-benzyloxycarbonylazetidines with improved antiviral activity. A straightforward approach to convert covalent to noncovalent inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 2612-21	8.3	44
328	Broad-spectrum antiviral activity and mechanism of antiviral action of the fluoroquinolone derivative K-12. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1998</b> , 9, 403-11	3.5	44
327	Comparative activity of various compounds against clinical strains of herpes simplex virus. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>1992</b> , 11, 143-51	5.3	44
326	Synthesis, antiviral and anticancer activity of some novel thioureas derived from N-(4-nitro-2-phenoxyphenyl)-methanesulfonamide. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 3591-5	6.8	43
325	In vitro-selected drug-resistant varicella-zoster virus mutants in the thymidine kinase and DNA polymerase genes yield novel phenotype-genotype associations and highlight differences between antiherpesvirus drugs. <i>Journal of Virology</i> , <b>2012</b> , 86, 2641-52	6.6	43
324	5-alkynyl analogs of arabinouridine and 2Pdeoxyuridine: cytostatic activity against herpes simplex virus and varicella-zoster thymidine kinase gene-transfected cells. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 2851-7	8.3	43
323	The N-7-substituted acyclic nucleoside analog 2-amino-7-[(1,3-dihydroxy-2-propoxy)methyl]purine is a potent and selective inhibitor of herpesvirus replication. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1994</b> , 38, 2710-6	5.9	43
322	Synthesis of triterpenoid triazine derivatives from allobetulone and betulonic acid with biological activities. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 3292-300	3.4	42
321	2-Chloro-3-pyridin-3-yl-5,6,7,8-tetrahydroindolizine-1-carboxamide (CMV423), a new lead compound for the treatment of human cytomegalovirus infections. <i>Antiviral Research</i> , <b>2002</b> , 55, 413-24	10.8	42
320	Activity of the Anti-Orthopoxvirus Compound ST-246 against Vaccinia, Cowpox and Camelpox Viruses in Cell Monolayers and Organotypic Raft Cultures. <i>Antiviral Therapy</i> , <b>2007</b> , 12, 1205-1216	1.6	42
319	The novel L- and D-amino acid derivatives of hydroxyurea and hydantoins: synthesis, X-ray crystal structure study, and cytostatic and antiviral activity evaluations. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 475-82	8.3	41
318	Activities of several classes of acyclic nucleoside phosphonates against camelpox virus replication in different cell culture models. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2007</b> , 51, 4410-9	5.9	40
317	Synthesis and biological evaluation of 6-(alkyn-1-yl)furo[2,3-d]pyrimidin-2(3H)-one base and nucleoside derivatives. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 391-8	8.3	40
316	New neplanocin analogues. 7. Synthesis and antiviral activity of 2-halo derivatives of neplanocin A. <i>Journal of Medicinal Chemistry</i> , <b>1996</b> , 39, 3847-52	8.3	40
315	Novel Therapeutics for Epstein-Barr Virus. <i>Molecules</i> , <b>2019</b> , 24,	4.8	39
314	Varicella-zoster virus thymidine kinase gene and antiherpetic pyrimidine nucleoside analogues in a combined gene/chemotherapy treatment for cancer. <i>Gene Therapy</i> , <b>1997</b> , 4, 1107-14	4	39

313	Inhibitory activity of S-adenosylhomocysteine hydrolase inhibitors against human cytomegalovirus replication. <i>Antiviral Research</i> , <b>1993</b> , 21, 197-216	10.8	39
312	Synthesis and antiviral activities of 8-alkynyl-, 8-alkenyl-, and 8-alkyl-2Pdeoxyadenosine analogues. <i>Journal of Medicinal Chemistry</i> , <b>1994</b> , 37, 1307-11	8.3	39
311	The large tumor antigen: a "Swiss Army knife" protein possessing the functions required for the polyomavirus life cycle. <i>Antiviral Research</i> , <b>2013</b> , 97, 122-36	10.8	38
310	Bicyclic nucleoside inhibitors of Varicella-Zoster Virus (VZV): the effect of a terminal halogen substitution in the side-chain. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2000</b> , 10, 1215-7	2.9	38
309	The Low-Cost Compound Lignosulfonic Acid (LA) Exhibits Broad-Spectrum Anti-HIV and Anti-HSV Activity and Has Potential for Microbicidal Applications. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131219	3.7	38
308	The novel primaquine derivatives of N-alkyl, cycloalkyl or aryl urea: synthesis, cytostatic and antiviral activity evaluations. <i>European Journal of Medicinal Chemistry</i> , <b>2008</b> , 43, 1180-7	6.8	37
307	Preparation of acyclo nucleoside phosphonate analogues based on cross-metathesis. <i>Tetrahedron</i> , <b>2008</b> , 64, 3517-3526	2.4	37
306	Novel [2P5Pbis-O-(tert-butyldimethylsilyl)-beta-D-ribofuranosyl]-3Pspiro-5P(4Pamino-1P2Poxathiole-2P2"-dioxide) derivatives with anti-HIV-1 and anti-human-cytomegalovirus activity. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 1158-68	8.3	37
305	Antitumor potential of acyclic nucleoside phosphonates. <i>Nucleosides &amp; Nucleotides</i> , <b>1999</b> , 18, 759-71		37
304	Tricyclic analogues of acyclovir and ganciclovir. Influence of substituents in the heterocyclic moiety on the antiviral activity. <i>Journal of Medicinal Chemistry</i> , <b>1994</b> , 37, 3187-90	8.3	37
303	Novel inhibitors of human CMV. <i>Current Opinion in Investigational Drugs</i> , <b>2008</b> , 9, 132-45		37
302	Mouse Cytomegalovirus Infection in BALB/c Mice Resembles Virus-Associated Secondary Hemophagocytic Lymphohistiocytosis and Shows a Pathogenesis Distinct from Primary Hemophagocytic Lymphohistiocytosis. <i>Journal of Immunology</i> , <b>2016</b> , 196, 3124-34	5.3	36
301	An epimer of 5Pnoraristeromycin and its antiviral properties. <i>Journal of Medicinal Chemistry</i> , <b>1994</b> , 37, 1382-4	8.3	36
300	GS-9191 is a novel topical prodrug of the nucleotide analog 9-(2-phosphonylmethoxyethyl)guanine with antiproliferative activity and possible utility in the treatment of human papillomavirus lesions. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2009</b> , 53, 2777-84	5.9	35
299	4-Benzyloxy-gamma-sultone derivatives: discovery of a novel family of non-nucleoside inhibitors of human cytomegalovirus and varicella zoster virus. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 1582-91	8.3	35
298	3-deaza- and 7-deaza-5Pnoraristeromycin and their antiviral properties. <i>Journal of Medicinal Chemistry</i> , <b>1995</b> , 38, 1035-8	8.3	35
297	New neplanocin analogues. 6. Synthesis and potent antiviral activity of 6Pmoneplanocin A1. <i>Journal of Medicinal Chemistry</i> , <b>1996</b> , 39, 2392-9	8.3	35
296	Fluorescent bicyclic furo pyrimidine deoxynucleoside analogs as potent and selective inhibitors of VZV and potential future drugs for the treatment of chickenpox and shingles. <i>Drugs of the Future</i> , <b>2000</b> , 25, 1151	2.3	35

295	Activities of alkoxyalkyl esters of cidofovir (CDV), cyclic CDV, and (S)-9-(3-hydroxy-2-phosphonylmethoxypropyl)adenine against orthopoxviruses in cell monolayers and in organotypic cultures. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2006</b> , 50, 2525-9	5.9	34
294	KSHV targeted therapy: an update on inhibitors of viral lytic replication. <i>Viruses</i> , <b>2014</b> , 6, 4731-59	6.2	33
293	Heterogeneity and evolution of thymidine kinase and DNA polymerase mutants of herpes simplex virus type 1: implications for antiviral therapy. <i>Journal of Infectious Diseases</i> , <b>2013</b> , 207, 1295-305	7	33
292	Mechanism of antiviral drug resistance of vaccinia virus: identification of residues in the viral DNA polymerase conferring differential resistance to antipoxvirus drugs. <i>Journal of Virology</i> , <b>2008</b> , 82, 12520-34	6.6	33
291	Synthesis and antiviral and cytostatic evaluations of the new C-5 substituted pyrimidine and furo[2,3-d]pyrimidine 4P5Pdidehydro-L-ascorbic acid derivatives. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 4105-12	8.3	33
290	Activities of acyclic nucleoside phosphonates against Orf virus in human and ovine cell monolayers and organotypic ovine raft cultures. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2005</b> , 49, 4843-52	5.9	33
289	Camelpox virus. <i>Antiviral Research</i> , <b>2011</b> , 92, 167-86	10.8	32
288	Three-dimensional culture models for human viral diseases and antiviral drug development. <i>Antiviral Research</i> , <b>2006</b> , 71, 96-107	10.8	32
287	Organotypic epithelial raft cultures as a model for evaluating compounds against alphaherpesviruses. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2005</b> , 49, 4671-80	5.9	32
286	In vitro evaluation of the anti-orf virus activity of alkoxyalkyl esters of CDV, cCDV and (S)-HPMPA. <i>Antiviral Research</i> , <b>2007</b> , 75, 52-7	10.8	31
285	In vitro selection of drug-resistant varicella-zoster virus (VZV) mutants (OKA strain): differences between acyclovir and penciclovir?. <i>Antiviral Research</i> , <b>2004</b> , 61, 181-7	10.8	31
284	Intracellular metabolism of the N7-substituted acyclic nucleoside analog 2-amino-7-(1,3-dihydroxy-2-propoxymethyl)purine, a potent inhibitor of herpesvirus replication. <i>Molecular Pharmacology</i> , <b>1998</b> , 53, 157-65	4.3	31
283	Synthesis and antiviral activity of carbocyclic oxetanocin analogues (C-OXT-A, C-OXT-G) and related compounds. II. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1993</b> , 41, 516-21	1.9	31
282	Antiviral properties of new arylsulfone derivatives with activity against human betaherpesviruses. <i>Antiviral Research</i> , <b>2006</b> , 72, 60-7	10.8	30
281	In vivo antiherpesvirus activity of N-7-substituted acyclic nucleoside analog 2-amino-7-[(1,3-dihydroxy-2-propoxy)methyl]purine. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1995</b> , 39, 56-60	5.9	30
280	Insights into the mechanism of action of cidofovir and other acyclic nucleoside phosphonates against polyoma- and papillomaviruses and non-viral induced neoplasia. <i>Antiviral Research</i> , <b>2015</b> , 114, 21-46	10.8	29
279	Advances in the treatment of varicella-zoster virus infections. <i>Advances in Pharmacology</i> , <b>2013</b> , 67, 107-68	6.7	29
278	The novel phosphoramidate derivatives of NSAID 3-hydroxypropylamides: synthesis, cytostatic and antiviral activity evaluations. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 143-51	6.8	29



277	Furano pyrimidines as novel potent and selective anti-VZV agents. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2001</b> , 12, 77-89	3.5	29
276	Antiviral activity of anti-cytomegalovirus agents (HPMPC, HPMPA) assessed by a flow cytometric method and DNA hybridization technique. <i>Antiviral Research</i> , <b>1991</b> , 16, 1-9	10.8	29
275	Dihydropyrimidinone/1,2,3-triazole hybrid molecules: Synthesis and anti-varicella-zoster virus (VZV) evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 155, 772-781	6.8	28
274	The antiherpesvirus activity of H2G [(R)-9-[4-hydroxy-2-(hydroxymethyl)butyl]guanine] is markedly enhanced by the novel immunosuppressive agent mycophenolate mofetil. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1998</b> , 42, 3285-9	5.9	28
273	Activity of different antiviral drug combinations against human cytomegalovirus replication in vitro. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>1992</b> , 11, 1144-55	5.3	28
272	Activity of the anti-orthopoxvirus compound ST-246 against vaccinia, cowpox and camelpox viruses in cell monolayers and organotypic raft cultures. <i>Antiviral Therapy</i> , <b>2007</b> , 12, 1205-16	1.6	28
271	DNA Polymerase Mutations in Drug-Resistant Herpes Simplex Virus Mutants Determine In Vivo Neurovirulence and Drug-Enzyme Interactions. <i>Antiviral Therapy</i> , <b>2007</b> , 12, 719-732	1.6	28
270	Design, synthesis, antiviral and cytostatic activity of [(1H-1,2,3-triazol-1-yl)(polyhydroxy)alkylphosphonates as acyclic nucleotide analogues. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 3629-41	3.4	27
269	Epithelial raft cultures for investigations of virus growth, pathogenesis and efficacy of antiviral agents. <i>Antiviral Research</i> , <b>2010</b> , 85, 431-49	10.8	27
268	Inhibitory activities of three classes of acyclic nucleoside phosphonates against murine polyomavirus and primate simian virus 40 strains. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2007</b> , 51, 2268-73	5.9	27
267	Antiviral Drugs for EBV. <i>Cancers</i> , <b>2018</b> , 10,	6.6	26
266	Pridine Oxide Derivatives: Structure-Activity Relationship for Inhibition of Human Immunodeficiency Virus and Cytomegalovirus Replication in Cell Culture. <i>Helvetica Chimica Acta</i> , <b>2002</b> , 85, 2961-2974	2	26
265	S-Adenosyl-L-homocysteine Hydrolase Inhibitors as Anti-Viral Agents: 5'-Deoxyaristeromycin. <i>Nucleosides &amp; Nucleotides</i> , <b>1993</b> , 12, 185-198		26
264	6-[2-phosphonomethoxy)alkoxy]-2,4-diaminopyrimidines: a new class of acyclic pyrimidine nucleoside phosphonates with antiviral activity. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2004</b> , 23, 1321-4	1.4	25
263	Susceptibilities of several drug-resistant herpes simplex virus type 1 strains to alternative antiviral compounds. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1995</b> , 39, 1632-5	5.9	25
262	Design, Synthesis, and Molecular Docking Studies of a Conjugated Thiadiazole-Thiourea Scaffold as Antituberculosis Agents. <i>Biological and Pharmaceutical Bulletin</i> , <b>2016</b> , 39, 502-15	2.3	24
261	Emerging drugs for varicella-zoster virus infections. <i>Expert Opinion on Emerging Drugs</i> , <b>2011</b> , 16, 507-35	3.7	24
260	Synthesis of ester prodrugs of 9-(S)-[3-hydroxy-2-(phosphonomethoxy)propyl]-2,6-diaminopurine (HPMPDAP) as anti-poxvirus agents. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 6825-37	8.3	24

259	Emergence of cowpox: study of the virulence of clinical strains and evaluation of antivirals. <i>PLoS ONE</i> , <b>2013</b> , 8, e55808	3-7	24
258	ProTides of N-(3-(5-(2Pdeoxyuridine))prop-2-ynyl)octanamide as potential anti-tubercular and anti-viral agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 2816-24	3-4	23
257	Synthesis and biological properties of C-2 triazolylinosine derivatives. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 5870-83	4-2	23
256	Superior cytostatic activity of the ganciclovir elaidic acid ester due to the prolonged intracellular retention of ganciclovir anabolites in herpes simplex virus type 1 thymidine kinase gene-transfected tumor cells. <i>Gene Therapy</i> , <b>1998</b> , 5, 419-26	4	23
255	Influence of 6 or 8-substitution on the antiviral activity of 3-phenethylthiomethylimidazo[1,2-a]pyridine against human cytomegalovirus (HCMV) and varicella-zoster virus (VZV). <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 7209-19	3-4	23
254	Dual infection with polyomavirus BK and acyclovir-resistant herpes simplex virus successfully treated with cidofovir in a bone marrow transplant recipient. <i>Transplant Infectious Disease</i> , <b>2007</b> , 9, 126-37	3-7	23
253	Bicyclic nucleoside inhibitors of Varicella-Zoster Virus (VZV): the effect of terminal unsaturation in the side chain. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2001</b> , 11, 391-3	2-9	23
252	Nonnucleoside human cytomegalovirus inhibitors: synthesis and antiviral evaluation of (chlorophenylmethyl)benzothiadiazine dioxide derivatives. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 3267-73	8-3	23
251	Synthesis and antiviral activity of 5Pdeoxyypyrazofurin. <i>Journal of Medicinal Chemistry</i> , <b>1993</b> , 36, 3727-30	8-3	23
250	An antiviral factor from <i>Melia azedarach</i> L. prevents Tacaribe virus encephalitis in mice. <i>Experientia</i> , <b>1986</b> , 42, 843-5		23
249	Synthesis and antiviral activity of three pyrazole analogues of distamycin A. <i>Acta Chemica Scandinavica</i> , <b>1994</b> , 48, 498-505		23
248	Distribution and effects of amino acid changes in drug-resistant $\Psi$ and $\Gamma$ herpesviruses DNA polymerase. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 9530-9554	20-1	23
247	N1,N3-disubstituted uracils as nonnucleoside inhibitors of HIV-1 reverse transcriptase. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 1150-8	3-4	22
246	New prodrugs of Adefovir and Cidofovir. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 3527-39	3-4	22
245	4"-Benzoylureido-TSAO derivatives as potent and selective non-nucleoside HCMV inhibitors. Structure-activity relationship and mechanism of antiviral action. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 5823-32	8-3	22
244	Synthesis and antiviral evaluation of 6-(alkyl-heteroaryl)furo[2,3-d]pyrimidin-2(3H)-one nucleosides and analogues with ethynyl, ethenyl, and ethyl spacers at C6 of the furopyrimidine core. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 3897-905	8-3	22
243	Patterns of resistance and sensitivity to antiviral compounds of drug-resistant strains of human cytomegalovirus selected in vitro. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>1996</b> , 15, 574-9	5-3	22
242	Design, Synthesis, and Antiviral Activity of Novel Ribonucleosides of 1,2,3-Triazolybenzyl-aminophosphonates. <i>Archiv Der Pharmazie</i> , <b>2016</b> , 349, 30-41	4-3	22

241	Human Exportin-1 is a Target for Combined Therapy of HIV and AIDS Related Lymphoma. <i>EBioMedicine</i> , <b>2015</b> , 2, 1102-13	8.8	21
240	Fluorescence-based antiviral assay for the evaluation of compounds against vaccinia virus, varicella zoster virus and human cytomegalovirus. <i>Journal of Virological Methods</i> , <b>2008</b> , 151, 66-73	2.6	21
239	Synthesis and antiviral activity of the carbocyclic analogue of the highly potent and selective anti-VZV bicyclo furano pyrimidines. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 6485-92	8.3	21
238	Synthesis and anti-HIV-1 and anti-HCMV activity of 1-substituted 3-(3,5-dimethylbenzyl)uracil derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2006</b> , 54, 325-33	1.9	21
237	Anti-varicella-zoster virus bicyclic nucleosides: replacement of furo by pyrro base reduces antiviral potency. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2000</b> , 11, 343-8	3.5	21
236	Discovery of type II (covalent) inactivation of S-adenosyl-L-homocysteine hydrolase involving its "hydrolytic activity": synthesis and evaluation of dihalohomovinyl nucleoside analogues derived from adenosine. <i>Journal of Medicinal Chemistry</i> , <b>1998</b> , 41, 3078-83	8.3	21
235	Novel potential agents for human cytomegalovirus infection: synthesis and antiviral activity evaluation of benzothiadiazine dioxide acyclonucleosides. <i>Journal of Medicinal Chemistry</i> , <b>1999</b> , 42, 1145-50	8.3	21
234	Synthesis and Antiviral Activity of Acyclic Nucleotide Analogues Derived from 6-(Aminomethyl)purines and Purine-6-carboxamidines. <i>Collection of Czechoslovak Chemical Communications</i> , <b>1996</b> , 61, 1525-1537		21
233	Meningoradiculoneuritis due to acyclovir-resistant varicella-zoster virus in a patient with AIDS. <i>Journal of Infectious Diseases</i> , <b>1993</b> , 168, 1330-1	7	21
232	Flow cytometric method for the detection of gpl antigens of varicella zoster virus and evaluation of anti-VZV agents. <i>Journal of Virological Methods</i> , <b>1992</b> , 38, 243-54	2.6	21
231	Partially purified leaf extracts of <i>Melia azedarach</i> L. inhibit tacaribe virus growth in neonatal mice. <i>Phytotherapy Research</i> , <b>1992</b> , 6, 15-19	6.7	21
230	Design, antiviral and cytostatic properties of isoxazolidine-containing amonafide analogues. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 3135-46	3.4	20
229	Basic chemokine-derived glycosaminoglycan binding peptides exert antiviral properties against dengue virus serotype 2, herpes simplex virus-1 and respiratory syncytial virus. <i>Biochemical Pharmacology</i> , <b>2016</b> , 100, 73-85	6	20
228	Polyanion inhibitors of human immunodeficiency virus and other viruses. 1. Polymerized anionic surfactants. <i>Journal of Medicinal Chemistry</i> , <b>1995</b> , 38, 2433-40	8.3	20
227	Synthesis and biological evaluation of a series of thieno-expanded tricyclic purine 2Pdeoxy nucleoside analogues. <i>Bioorganic and Medicinal Chemistry</i> , <b>2012</b> , 20, 3009-15	3.4	19
226	Spectrum of activity and mechanisms of resistance of various nucleoside derivatives against gammaherpesviruses. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 7312-23	5.9	19
225	Synthesis and broad spectrum antiviral evaluation of bis(POM) prodrugs of novel acyclic nucleosides. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 67, 398-408	6.8	19
224	Synthesis and anti-HCMV activity of 1-[ $\alpha$ (phenoxy)alkyl]uracil derivatives and analogues thereof. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 4151-7	3.4	19

- 223 From  $\beta$ -amino- $\beta$ -keto to unusual bicyclic pyridine and pyrazine heterocyclic systems: synthesis and cytostatic and antiviral activities. *ChemMedChem*, **2011**, 6, 686-97 3.7 19
- 222 Synthesis and anti-VZV activity of 6-heteroaryl derivatives of tricyclic acyclovir and 9-[[cis-1,2-bis(hydroxymethyl)cycloprop-1-yl]methyl]guanine analogues. *European Journal of Medicinal Chemistry*, **2009**, 44, 3313-7 6.8 19
- 221 Polyanion inhibitors of human immunodeficiency virus and other viruses. 6. Micelle-like anti-HIV polyanionic compounds based on a carbohydrate core. *Journal of Medicinal Chemistry*, **1997**, 40, 350-6 8.3 19
- 220 Intracellular metabolism of the new antiviral compound 1-(S)-[3-hydroxy-2-(phosphonmethoxy)propyl]-5-azacytosine. *Biochemical Pharmacology*, **2008**, 76, 997-1005 19
- 219 Antiviral and cytostatic evaluation of the novel 6-acyclic chain substituted thymine derivatives. *Antiviral Chemistry and Chemotherapy*, **2005**, 16, 327-38 3.5 19
- 218 Bicyclic anti-VZV nucleosides: Thieno analogues retain full antiviral activity. *Bioorganic and Medicinal Chemistry Letters*, **2001**, 11, 2507-10 2.9 19
- 217 Meliacine, an antiviral compound from *Melia azedarach* L., inhibits interferon production. *Journal of Interferon Research*, **1990**, 10, 469-75 19
- 216 ST-246 is a key antiviral to inhibit the viral F13L phospholipase, one of the essential proteins for orthopoxvirus wrapping. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 1367-80 5.1 18
- 215 New prodrugs of two pyrimidine acyclic nucleoside phosphonates: Synthesis and antiviral activity. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 4637-4648 3.4 18
- 214 Activities of different classes of acyclic nucleoside phosphonates against BK virus in primary human renal cells. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 1961-7 5.9 18
- 213 Successful kinase bypass with new acyclovir phosphoramidate prodrugs. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 4364-7 2.9 18
- 212 Synthesis and antiviral evaluation of phosphoramidate derivatives of (E)-5-(2-bromovinyl)-2-deoxyuridine. *Antiviral Chemistry and Chemotherapy*, **2001**, 12, 293-300 3.5 18
- 211 A rapid phenotypic assay for detection of acyclovir-resistant varicella-zoster virus with mutations in the thymidine kinase open reading frame. *Antimicrobial Agents and Chemotherapy*, **2000**, 44, 873-8 5.9 18
- 210 Polyanion inhibitors of human immunodeficiency virus and other viruses. Part 2. Polymerized anionic surfactants derived from amino acids and dipeptides. *Journal of Medicinal Chemistry*, **1996**, 39, 1626-34 8.3 18
- 209 New Polyacetal Polysulphate Active against Human Immunodeficiency Virus and other Enveloped Viruses. *Antiviral Chemistry and Chemotherapy*, **1992**, 3, 351-360 3.5 18
- 208 Synthesis and evaluation of antiviral, antitubercular and anticancer activities of some novel thioureas derived from 4-aminobenzohydrazide hydrazones. *Marmara Pharmaceutical Journal*, **2010**, 1, 13-20 18
- 207 Synthesis, anti-varicella-zoster virus and anti-cytomegalovirus activity of quinazoline-2,4-diones containing isoxazolidine and phosphonate substructures. *European Journal of Medicinal Chemistry*, **2017**, 126, 84-100 6.8 17
- 206 Activity and mechanism of action of HDVD, a novel pyrimidine nucleoside derivative with high levels of selectivity and potency against gammaherpesviruses. *Journal of Virology*, **2013**, 87, 3839-51 6.6 17

205	Solvent-free synthesis of pyrimidine nucleoside-aminophosphonate hybrids and their biological activity evaluation. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2010</b> , 29, 616-27	1.4	17
204	Inhibition of vaccinia virus replication by two small interfering RNAs targeting B1R and G7L genes and their synergistic combination with cidofovir. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2009</b> , 53, 2579-88	5.9	17
203	Alkyne-azide click chemistry mediated carbanucleosides synthesis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2007</b> , 26, 1391-4	1.4	17
202	Anti-(herpes simplex virus) activity of 4'-thio-2'-deoxyuridines: a biochemical investigation for viral and cellular target enzymes. <i>Biochemical Journal</i> , <b>2000</b> , 351, 319-326	3.8	17
201	Novel agents for the therapy of varicella-zoster virus infections. <i>Expert Opinion on Investigational Drugs</i> , <b>2000</b> , 9, 1743-51	5.9	17
200	Acyclovir-resistant herpes simplex encephalitis in a patient treated with anti-tumor necrosis factor- $\alpha$ monoclonal antibodies. <i>Journal of Clinical Virology</i> , <b>2014</b> , 59, 67-70	14.5	16
199	Carbocyclic 5Pnor "reverse" fleximers. Design, synthesis, and preliminary biological activity. <i>MedChemComm</i> , <b>2011</b> , 2,	5	16
198	Polyanion inhibitors of human immunodeficiency virus and other viruses. 5. Telomerized anionic surfactants derived from amino acids. <i>Journal of Medicinal Chemistry</i> , <b>1997</b> , 40, 342-9	8.3	16
197	Bicyclic nucleoside inhibitors of Varicella-Zoster virus: the effect of branching in the p-alkylphenyl side chain. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2005</b> , 15, 3791-6	2.9	16
196	Chemotherapy of varicella zoster virus infections. <i>International Journal of Antimicrobial Agents</i> , <b>1994</b> , 4, 211-26	14.3	16
195	Cidofovir selectivity is based on the different response of normal and cancer cells to DNA damage. <i>BMC Medical Genomics</i> , <b>2013</b> , 6, 18	3.7	15
194	Expanding the Antiviral Spectrum of 3-Fluoro-2-(phosphonomethoxy)propyl Acyclic Nucleoside Phosphonates: Diamyl Aspartate Amidate Prodrugs. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 6220-6238	8.3	15
193	A multi-targeted drug candidate with dual anti-HIV and anti-HSV activity. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003456	4.6	15
192	Viral DNA Polymerase Inhibitors <b>2009</b> , 481-526		15
191	Differential Susceptibility of Several Drug-Resistant Strains of Herpes Simplex Virus Type 2 to Various Antiviral Compounds. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1997</b> , 8, 457-461	3.5	15
190	Synthesis and biological evaluation of 5-(alkyn-1-yl)-1-(p-toluenesulfonyl)uracil derivatives. <i>Canadian Journal of Chemistry</i> , <b>2006</b> , 84, 580-586	0.9	15
189	Bicyclic anti-VZV nucleosides: thieno analogues bearing an alkylphenyl side chain have reduced antiviral activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2004</b> , 14, 2397-9	2.9	15
188	Desferrioxamine enhances AIDS-associated Kaposi's sarcoma tumor development in a xenograft model. <i>International Journal of Cancer</i> , <b>2002</b> , 100, 140-3	7.5	15

187	Polysulfonates derived from metal thiolate complexes as inhibitors of HIV-1 and various other enveloped viruses in vitro. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2002</b> , 13, 185-95	3.5	15
186	Thymidine kinase and protein kinase in drug-resistant herpesviruses: Heads of a Lernaean Hydra. <i>Drug Resistance Updates</i> , <b>2018</b> , 37, 1-16	23.2	14
185	Evaluation of novel acyclic nucleoside phosphonates against human and animal gammaherpesviruses revealed an altered metabolism of cyclic prodrugs upon Epstein-Barr virus reactivation in P3HR-1 cells. <i>Journal of Virology</i> , <b>2013</b> , 87, 12422-32	6.6	14
184	Synthesis and biological evaluation of acyclic nucleotide analogues with a furo[2,3-d]pyrimidin-2(3H)-one base. <i>Canadian Journal of Chemistry</i> , <b>2010</b> , 88, 628-638	0.9	14
183	Imidazothiadiazine dioxides: synthesis and antiviral activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>1999</b> , 7, 1617-23	3.4	14
182	New Isoxazolidine-Conjugates of Quinazolinones-Synthesis, Antiviral and Cytostatic Activity. <i>Molecules</i> , <b>2016</b> , 21,	4.8	14
181	Norbornane-based nucleoside and nucleotide analogues locked in North conformation. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 184-91	3.4	13
180	Synthesis and antiviral evaluation of C5-substituted-(1,3-diyne)-2Pdeoxyuridines. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 53, 220-8	6.8	13
179	Skin mild hypoxia enhances killing of UVB-damaged keratinocytes through reactive oxygen species-mediated apoptosis requiring Noxa and Bim. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 1111-20	7.8	13
178	Dipeptidyl peptidase IV dependent water-soluble prodrugs of highly lipophilic bicyclic nucleoside analogues. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 1927-42	8.3	13
177	Synthesis and SAR studies on azetidine-containing dipeptides as HCMV inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 1155-61	3.4	13
176	Mutations conferring resistance to viral DNA polymerase inhibitors in camelpox virus give different drug-susceptibility profiles in vaccinia virus. <i>Journal of Virology</i> , <b>2012</b> , 86, 7310-25	6.6	13
175	Tricyclic etheno analogs of PMEG and PMEDAP: synthesis and biological activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 8057-65	3.4	13
174	Inactivity of the bicyclic pyrimidine nucleoside analogues against simian varicella virus (SVV) does not correlate with their substrate activity for SVV-encoded thymidine kinase. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 315, 877-83	3.4	13
173	A novel type ozonizer for wastewater treatment. <i>Journal of Electrostatics</i> , <b>2005</b> , 63, 831-836	1.7	13
172	Synthesis, and cytotoxic activity of N(ind)-alkoxy derivatives of antibiotic arcylarubin and dechloro-rebecamycin aglycon. <i>Journal of Antibiotics</i> , <b>2002</b> , 55, 768-73	3.7	13
171	Synthesis and anti-varicella-zoster virus activity of some novel bicyclic nucleoside inhibitors: effect of enhanced aqueous solubility. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2000</b> , 11, 383-93	3.5	13
170	Specific therapies for human papilloma virus infections. <i>Current Opinion in Infectious Diseases</i> , <b>1998</b> , 11, 733-7	5.4	13

169	Synthesis and Antiviral Activity of 2 and 3-Substituted Imidazo[1,2-a]pyrimidine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>1995</b> , 14, 551-554	1.4	13
168	Synthesis of 2Paminomethyl derivatives of N-(2-(phosphonomethoxy)ethyl) nucleotide analogues as potential antiviral agents. <i>Journal of Medicinal Chemistry</i> , <b>1996</b> , 39, 3263-8	8.3	13
167	Mechanism of the Antiviral Activity of New Aurintricarboxylic Acid Analogues. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1996</b> , 7, 142-152	3.5	13
166	Induction of a refractory state to viral infection in mammalian cells by a plant inhibitor isolated from leaves of <i>Melia azedarach</i> L. <i>Antiviral Research</i> , <b>1988</b> , 9, 221-31	10.8	13
165	Study of camelpox virus pathogenesis in athymic nude mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e21561	3.7	13
164	Specific Inhibition of Orthopoxvirus Replication by a Small Interfering RNA Targeting the D5R Gene. <i>Antiviral Therapy</i> , <b>2008</b> , 13, 357-368	1.6	13
163	Specific Targeting of the F13L Protein by St-246 Affects Orthopoxvirus Production Differently. <i>Antiviral Therapy</i> , <b>2008</b> , 13, 977-990	1.6	13
162	Antitumor and antiviral activities of 4-substituted 1,2,3-triazolyl-2,3-dibenzyl-L-ascorbic acid derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 184, 111739	6.8	12
161	Kaposi's sarcoma-associated herpesvirus: the role of lytic replication in targeted therapy. <i>Current Opinion in Infectious Diseases</i> , <b>2015</b> , 28, 611-24	5.4	12
160	Synthesis and antiviral evaluation of bis(POM) prodrugs of (E)-[4Pphosphono-but-2Pen-1Pyl]purine nucleosides. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 57, 126-33	6.8	12
159	Synthesis, X-ray crystal structure study, and cytostatic and antiviral evaluation of the novel cycloalkyl-N-aryl-hydroxamic acids. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 884-7	8.3	12
158	Iron withdrawal strategies fail to prevent the growth of SiHa-induced tumors in mice. <i>Gynecologic Oncology</i> , <b>2003</b> , 90, 91-5	4.9	12
157	Antiviral activity of ganciclovir elaidic acid ester against herpesviruses. <i>Antiviral Research</i> , <b>2000</b> , 45, 157-67.8		12
156	Novel carbocyclic nucleosides containing a cyclobutyl ring. Guanosine and adenosine analogues. <i>Nucleosides &amp; Nucleotides</i> , <b>1998</b> , 17, 1237-53		12
155	Synthesis and biological evaluation of 1,2-disubstituted carbonucleosides of 6-substituted purine and 8-azapurine. <i>Nucleosides &amp; Nucleotides</i> , <b>1999</b> , 18, 733-4		12
154	A single vertebrate DNA virus protein disarms invertebrate immunity to RNA virus infection. <i>ELife</i> , <b>2014</b> , 3,	8.9	12
153	Advances and Perspectives in the Management of Varicella-Zoster Virus Infections. <i>Molecules</i> , <b>2021</b> , 26,	4.8	12
152	Antiherpesvirus activities of two novel 4Pthiothymidine derivatives, KAY-2-41 and KAH-39-149, are dependent on viral and cellular thymidine kinases. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 4328-40	5.9	11

151	Design, synthesis and biological evaluation of 2Pdeoxy-2P2Pdifluoro-5-halouridine phosphoramidate ProTides. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 4338-45	3.4	11
150	3-Benzamido, ureido and thioureidoimidazo[1,2-a]pyridine derivatives as potential antiviral agents. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2001</b> , 49, 1631-5	1.9	11
149	The cytostatic activity of 5-(1-azidovinyl)-2Pdeoxyuridine (AzVDU) against herpes simplex virus thymidine kinase gene-transfected FM3A cells is due to inhibition of thymidylate synthase and enhanced by UV light ( $\lambda = 254$ nm) exposure. <i>FEBS Letters</i> , <b>1995</b> , 373, 41-4	3.8	11
148	Identification of an indol-based derivative as potent and selective varicella zoster virus (VZV) inhibitor. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 124, 773-781	6.8	11
147	Facile functionalization at the C4 position of pyrimidine nucleosides via amide group activation with (benzotriazol-1-yloxy)tris(dimethylamino)phosphonium hexafluorophosphate (BOP) and biological evaluations of the products. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 1130-1139	3.9	10
146	Novel halogenated 3-deazapurine, 7-deazapurine and alkylated 9-deazapurine derivatives of L-ascorbic or imino-L-ascorbic acid: Synthesis, antitumour and antiviral activity evaluations. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 102, 288-302	6.8	10
145	Design, synthesis, chemical characterization, biological evaluation, and docking study of new 1,3,4-oxadiazole homonucleoside analogs. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2020</b> , 39, 1088-1107 <sup>14</sup>		10
144	Synthesis of a 3PC-ethynyl- $\beta$ -D-ribofuranose purine nucleoside library: Discovery of C7-deazapurine analogs as potent antiproliferative nucleosides. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 157, 248-267 <sup>6,8</sup>		10
143	N(4)-Acyl derivatives as lipophilic prodrugs of cidofovir and its 5-azacytosine analogue, (S)-HPMP-5-azaC: chemistry and antiviral activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 2896-906 <sup>3,4</sup>		10
142	Virtual Screening of Acyclovir Derivatives as Potential Antiviral Agents: Design, Synthesis, and Biological Evaluation of New Acyclic Nucleoside ProTides. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 7876-7896 <sup>8,3</sup>		10
141	Synthesis and biological evaluation of some new 1,3,4-thiadiazole and 1,2,4-triazole derivatives from L-methionine as antituberculosis and antiviral agents. <i>Marmara Pharmaceutical Journal</i> , <b>2015</b> , 2, 88-88		10
140	Acyclic nucleoside phosphonates with a branched 2-(2-phosphonoethoxy)ethyl chain: efficient synthesis and antiviral activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 4445-53	3.4	10
139	Novel bicyclic furanopyrimidines with dual anti-VZV and -HCMV activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2003</b> , 13, 4511-3	2.9	10
138	Synthesis and antiviral and cytostatic activities of carbocyclic nucleosides incorporating a modified cyclobutane ring. Part 1: Guanosine analogues. <i>Archiv Der Pharmazie</i> , <b>1999</b> , 332, 348-52	4.3	10
137	Synthesis and antiviral activity of 6-chloropurine arabinoside and its 2Pdeoxy-2Pfluoro derivative. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1996</b> , 44, 2331-4	1.9	10
136	Purification and Partial Characterization of an Antiviral Active Peptide from Melia Azedarach L.. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1994</b> , 5, 105-110	3.5	10
135	The antioxidizing effect of sterically hindered amines in thermal oxidation of low density polyethylene. <i>European Polymer Journal</i> , <b>1988</b> , 24, 289-294	5.2	10
134	Influence of 4Psubstitution on the Activity of Gemcitabine and Its ProTide Against VZV and SARS-CoV-2. <i>ACS Medicinal Chemistry Letters</i> , <b>2021</b> , 12, 88-92	4.3	10



133	Varicella-Zoster Virus ORF9p Binding to Cellular Adaptor Protein Complex 1 Is Important for Viral Infectivity. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	10
132	Phosphonoamidate prodrugs of C5-substituted pyrimidine acyclic nucleosides for antiviral therapy. <i>Antiviral Research</i> , <b>2017</b> , 143, 262-268	10.8	9
131	CRISPR/Cas9 Editing of the Polyomavirus Tumor Antigens Inhibits Merkel Cell Carcinoma Growth In Vitro. <i>Cancers</i> , <b>2019</b> , 11,	6.6	9
130	Highly convergent synthesis and antiviral activity of (E)-but-2-enyl nucleoside phosphonoamidates. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 146, 678-686	6.8	9
129	Sequestration of human cytomegalovirus by human renal and mammary epithelial cells. <i>Virology</i> , <b>2014</b> , 460-461, 55-65	3.6	9
128	Methyl-2-arylidene hydrazinecarbodithioates: synthesis and biological activity. <i>Chemical Papers</i> , <b>2013</b> , 67, 650-656	1.9	9
127	Synthesis and antiviral activities of hexadecyloxypropyl prodrugs of acyclic nucleoside phosphonates containing guanine or hypoxanthine and a (S)-HPMP or PEE acyclic moiety. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 307-14	6.8	9
126	Synthesis and anti-herpetic activity of phosphoramidate ProTides. <i>ChemMedChem</i> , <b>2013</b> , 8, 985-93	3.7	9
125	Design, synthesis and preliminary antiviral screening of new N-phenylpyrazole and dihydroisoxazole derivatives. <i>Medicinal Chemistry Research</i> , <b>2010</b> , 19, 1025-1035	2.2	9
124	New neplanocin analogues. VIII. Synthesis and biological activity of 6PC-ethyl, -ethenyl, and -ethynyl derivatives of neplanocin A. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1997</b> , 45, 1163-8	1.9	9
123	Synthesis and antiviral evaluation of some 3Pfluoro bicyclic nucleoside analogues. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2004</b> , 23, 1-5	1.4	9
122	Anti-(herpes simplex virus) activity of 4?-thio-2?-deoxyuridines: a biochemical investigation for viral and cellular target enzymes. <i>Biochemical Journal</i> , <b>2000</b> , 351, 319	3.8	9
121	Dipyridamole Potentiates the Activity of Various Acyclic Nucleoside Phosphonates against Varicella-Zoster Virus, Herpes Simplex Virus and Human Cytomegalovirus. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1994</b> , 5, 312-321	3.5	9
120	Synthesis and Ativiral Activity of 5-(Benzylthio)-4-carbamyl-1,2,3-triazoles Against Human Cytomegalovirus (CMV) and Varicella-zoster Virus (VZV). <i>Medicinal Chemistry</i> , <b>2017</b> , 13, 453-464	1.8	9
119	Discovery of novel furo[2,3-d]pyrimidin-2-one-1,3,4-oxadiazole hybrid derivatives as dual antiviral and anticancer agents that induce apoptosis. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2100146	4.3	9
118	Specific targeting of the F13L protein by ST-246 affects orthopoxvirus production differently. <i>Antiviral Therapy</i> , <b>2008</b> , 13, 977-90	1.6	9
117	A European multi-centre External Quality Assessment (EQA) study on phenotypic and genotypic methods used for Herpes Simplex Virus (HSV) drug resistance testing. <i>Journal of Clinical Virology</i> , <b>2017</b> , 96, 89-93	14.5	8
116	Antiviral activity spectrum of phenoxazine nucleoside derivatives. <i>Antiviral Research</i> , <b>2019</b> , 163, 117-124	10.8	8

115	Lytic viral replication and immunopathology in a cytomegalovirus-induced mouse model of secondary hemophagocytic lymphohistiocytosis. <i>Virology Journal</i> , <b>2017</b> , 14, 240	6.1	8
114	Amide Prodrugs of Cyclic 9-( $\beta$ -[3-Hydroxy-2-(phosphonomethoxy)propyl]adenine with Potent Anti-Herpesvirus Activity. <i>ACS Medicinal Chemistry Letters</i> , <b>2018</b> , 9, 381-385	4.3	8
113	Reduced tumorigenicity and pathogenicity of cervical carcinoma SiHa cells selected for resistance to cidofovir. <i>Molecular Cancer</i> , <b>2013</b> , 12, 158	42.1	8
112	Cidofovir treatment improves the pathology caused by the growth of human papillomavirus-positive cervical carcinoma xenografts in athymic nude mice. <i>Cancer Letters</i> , <b>2013</b> , 329, 137-45	9.9	8
111	Phosphonylated Acyclic Guanosine Analogues with the 1,2,3-Triazole Linker. <i>Molecules</i> , <b>2015</b> , 20, 18789-18807	4.8	8
110	Antiviral Drug-Resistance Typing Reveals Compartmentalization and Dynamics of Acyclovir-Resistant Herpes Simplex Virus Type-2 (HSV-2) in a Case of Neonatal Herpes. <i>Journal of the Pediatric Infectious Diseases Society</i> , <b>2014</b> , 3, e24-7	4.8	8
109	Synthesis and Antiviral Activities of Some Novel Carbocyclic Nucleosides. <i>Nucleosides &amp; Nucleotides</i> , <b>1996</b> , 15, 1335-1346		8
108	( $\oplus$ )-7-deazaaristeromycin lacking the hydroxymethyl substituent. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1993</b> , 3, 663-666	2.9	8
107	Cyclopentene carbocyclic nucleosides related to the antitumor nucleoside clitocine and their conversion to 8-Aza-neplanocin analogues. Synthesis and antiviral activity. <i>Journal of Heterocyclic Chemistry</i> , <b>1993</b> , 30, 1393-1398	1.9	8
106	Synthesis and the Biological Activity of Phosphonylated 1,2,3-Triazolenaphthalimide Conjugates. <i>Molecules</i> , <b>2016</b> , 21,	4.8	8
105	Isoxazolidine Conjugates of N3-Substituted 6-Bromoquinazolinones-Synthesis, Anti-Varizella-Zoster Virus, and Anti-Cytomegalovirus Activity. <i>Molecules</i> , <b>2018</b> , 23,	4.8	8
104	DNA polymerase mutations in drug-resistant herpes simplex virus mutants determine in vivo neurovirulence and drug-enzyme interactions. <i>Antiviral Therapy</i> , <b>2007</b> , 12, 719-32	1.6	8
103	Specific inhibition of orthopoxvirus replication by a small interfering RNA targeting the D5R gene. <i>Antiviral Therapy</i> , <b>2008</b> , 13, 357-68	1.6	8
102	The Anti-Human Immunodeficiency Virus Drug Tenofovir, a Reverse Transcriptase Inhibitor, Also Targets the Herpes Simplex Virus DNA Polymerase. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 790-801	7	7
101	Sonication-Assisted Synthesis of (E)-2-Methyl-but-2-enyl Nucleoside Phosphonate Prodrugs. <i>ChemistrySelect</i> , <b>2016</b> , 1, 3108-3113	1.8	7
100	Novel Isoxazolidine and Lactam Analogues of Homonucleosides. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
99	Alkenyl substituted bicyclic nucleoside analogues retain nanomolar potency against Varicella Zoster Virus. <i>Bioorganic and Medicinal Chemistry</i> , <b>2009</b> , 17, 3025-7	3.4	7
98	Carbocyclic oxetanocins lacking the C-3Pmethylene. <i>Journal of Medicinal Chemistry</i> , <b>1997</b> , 40, 1401-6	8.3	7

97	Bicyclic nucleoside inhibitors of varicella-zoster virus modified on the sugar moiety: 3P and 5P derivatives. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2004</b> , 15, 333-41	3.5	7
96	Bicyclic furo pyrimidine nucleosides with aryloxyphenyl and halophenyl substituted side chains as potent and selective varicella-zoster virus inhibitors. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2001</b> , 20, 1063-6	1.4	7
95	Antiviral and Cytostatic Evaluation of 5-(1-Halo-2-sulfonylvinyl)- and 5-(2-Furyl)uracil Nucleosides. <i>Archiv Der Pharmazie</i> , <b>2017</b> , 350, 1700023	4.3	6
94	Novel isoxazolidine analogues of homonucleosides and homonucleotides. <i>Tetrahedron</i> , <b>2016</b> , 72, 8294-8308	3.08	6
93	Exploring the purine core of 3PC-ethynyladenosine (EAdo) in search of novel nucleoside therapeutics. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 1970-2	2.9	6
92	Synthesis and Bioactivity of Novel Trisubstituted Triazole Nucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2016</b> , 35, 147-60	1.4	6
91	Bicyclic nucleoside inhibitors of varicella-zoster virus: synthesis and biological evaluation of 2P3Pdideoxy-3PFluoro and 2Pdeoxy-xylo derivatives. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2003</b> , 22, 935-7	1.4	6
90	Bicyclic nucleoside inhibitors of varicella-zoster virus: 5Pchloro and 3Pchloro derivatives. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2003</b> , 22, 931-3	1.4	6
89	Synthesis and anti-HIV activity of thymidine analogues bearing a 4Pcyanovinyl group and some derivatives thereof. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2001</b> , 20, 1927-39	1.4	6
88	Palladium-catalyzed synthesis of (E)-5-(2-acylvinyl)-2'-deoxyuridines and their antiviral and cytotoxic activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1995</b> , 5, 1627-1632	2.9	6
87	Facile preparation of 9-H-pyrimido [4,5-b] [1,4] diazepine derivatives from 4,5-diaminopyrimidines and ethyl pyruvate.. <i>Tetrahedron</i> , <b>1994</b> , 50, 13511-13522	2.4	6
86	Cidofovir is active against human papillomavirus positive and negative head and neck and cervical tumor cells by causing DNA damage as one of its working mechanisms. <i>Oncotarget</i> , <b>2016</b> , 7, 47302-47318	3.3	6
85	Persistent primary cytomegalovirus infection in a kidney transplant recipient: Multi-drug resistant and compartmentalized infection leading to graft loss. <i>Antiviral Research</i> , <b>2019</b> , 168, 203-209	10.8	5
84	Toward the discovery of dual HCMV-VZV inhibitors: Synthesis, structure activity relationship analysis, and cytotoxicity studies of long chained 2-uracil-3-yl-N-(4-phenoxyphenyl)acetamides. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 7035-44	3.4	5
83	Evaluation of novel phosphoramidate ProTides of the 2PFluoro derivatives of a potent anti-varicella zoster virus bicyclic nucleoside analogue. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2010</b> , 21, 15-31	3.5	5
82	2PFluorosugar analogues of the highly potent anti-varicella-zoster virus bicyclic nucleoside analogue (BCNA) Cf 1743. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2009</b> , 19, 6264-7	2.9	5
81	Phenotypic Resistance of Herpes Simplex Virus Type 1 Strains Selected in Vitro with Antiviral Compounds and Combinations Thereof. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1996</b> , 7, 270-275	3.5	5
80	Synthesis and Biological Activity of Some 2-Aminopurine Carbonucleosides. <i>Nucleosides &amp; Nucleotides</i> , <b>1997</b> , 16, 1337-1339		5

79	Metabolic and pharmacological characteristics of the bicyclic nucleoside analogues (BCNAs) as highly selective inhibitors of varicella-zoster virus (VZV). <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2003</b> , 22, 995-7	1.4	5
78	Ovine skin organotypic cultures applied to the ex vivo study of orf virus infection. <i>Veterinary Research Communications</i> , <b>2005</b> , 29 Suppl 2, 245-7	2.9	5
77	Bicyclic nucleoside inhibitors of varicella-zoster virus (VZV): effect of terminal unsaturation in the side-chain. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2001</b> , 20, 763-6	1.4	5
76	Monitoring drug resistance for herpesviruses. <i>Methods in Molecular Medicine</i> , <b>2000</b> , 24, 151-69		5
75	In vitro sensitivity of Kaposi's sarcoma cells to various chemotherapeutic agents including acyclic nucleoside phosphonates. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1999</b> , 10, 129-34	3.5	5
74	New metal chelates for the photostabilisation of polyolefins. <i>Polymer Degradation and Stability</i> , <b>1999</b> , 64, 165-171	4.7	5
73	Therapy of poxvirus infections <b>2007</b> , 375-395		5
72	Resistance to the nucleotide analogue cidofovir in HPV(+) cells: a multifactorial process involving UMP/CMP kinase 1. <i>Oncotarget</i> , <b>2016</b> , 7, 10386-401	3.3	5
71	Multidrug-resistant cytomegalovirus infection in a pediatric stem cell transplantation patient. <i>Antiviral Research</i> , <b>2016</b> , 132, 149-53	10.8	5
70	Design, synthesis and antiviral evaluation of novel acyclic phosphonate nucleotide analogs with triazolo[4,5-]pyridine, imidazo[4,5-]pyridine and imidazo[4,5-]pyridin-2(3)-one systems. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2020</b> , 39, 542-591	1.4	5
69	Emimycin and its nucleoside derivatives: Synthesis and antiviral activity. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 144, 93-103	6.8	5
68	Phenoxazine nucleoside derivatives with a multiple activity against RNA and DNA viruses. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 220, 113467	6.8	5
67	Tecovirimat, a p37 envelope protein inhibitor for the treatment of smallpox infection. <i>IDrugs: the Investigational Drugs Journal</i> , <b>2010</b> , 13, 181-91		5
66	Synthesis and Evaluations of "1,4-Triazolyl Combretacoumarins" and Desmethoxy Analogues. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 5610-5623	3.2	4
65	KAY-2-41, a novel nucleoside analogue inhibitor of orthopoxviruses in vitro and in vivo. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 27-37	5.9	4
64	Novel carbocyclic nucleosides containing a cyclopentyl ring. Adenosine and uridine analogues. <i>Archiv Der Pharmazie</i> , <b>1997</b> , 330, 265-7	4.3	4
63	Antiviral activity of 3-(3,5-dimethylbenzyl)uracil derivatives against HIV-1 and HCMV. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2007</b> , 26, 1553-8	1.4	4
62	Novel non-nucleoside human cytomegalovirus inhibitors based upon TSAO nucleoside derivatives: structure-activity relationships. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2007</b> , 26, 625-8	1.4	4

61	Antiviral and immunomodulatory activity of the metal chelator ethylenediaminedisuccinic acid against cytomegalovirus in vitro and in vivo. <i>Antiviral Research</i> , <b>2002</b> , 55, 179-88	10.8	4
60	Synthesis and antiviral activities of 3-alkylthiomethylimidazo[1,2-b]pyridazine derivatives. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2003</b> , 14, 177-82	3.5	4
59	Evaluating phenotype and genotype of drug-resistant strains in herpesviruses. <i>Molecular Biotechnology</i> , <b>2001</b> , 18, 155-67	3	4
58	Novel aryl substituted bicyclic furo nucleosides as extremely potent and selective anti-VZV agents. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2001</b> , 20, 287-96	1.4	4
57	Synthesis and in vitro evaluation of novel anti-varicella-zoster virus (VZV) nucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2001</b> , 20, 653-6	1.4	4
56	Alkyloxyphenyl furano pyrimidines as potent and selective anti-VZV agents with enhanced water solubility. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2002</b> , 13, 91-9	3.5	4
55	Synthesis and antiviral activity of 6-benzoyl-benzoxazolin-2-one and 6-benzoyl-benzothiazolin-2-one derivatives. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1999</b> , 10, 87-97	3.5	4
54	BKType: Free Online Tool for Polyoma BK Virus VP1 and NCCR Typing. <i>Viruses</i> , <b>2020</b> , 12,	6.2	4
53	Substituted adamantylphthalimides: Synthesis, antiviral and antiproliferative activity. <i>Archiv Der Pharmazie</i> , <b>2020</b> , 353, e2000024	4.3	4
52	Peptide Derivatives of the Zonulin Inhibitor Larazotide (AT1001) as Potential Anti SARS-CoV-2: Molecular Modelling, Synthesis and Bioactivity Evaluation. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
51	Identification of a dual acting SARS-CoV-2 proteases inhibitor through in silico design and step-by-step biological characterization. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 226, 113863	6.8	4
50	Amidate Prodrugs of -2-Alkylated Pyrimidine Acyclic Nucleosides Display Potent Anti-Herpesvirus Activity. <i>ACS Medicinal Chemistry Letters</i> , <b>2020</b> , 11, 1410-1415	4.3	3
49	Synthesis and antiviral evaluation of cyclopentyl nucleoside phosphonates. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 150, 616-625	6.8	3
48	Synthesis of fluorinated acyclic nucleoside phosphonates with 5-azacytosine base moiety. <i>Tetrahedron</i> , <b>2019</b> , 75, 130529	2.4	3
47	Synthesis of 4?-substituted 2?-deoxy-4?-thiocytidines and its evaluation for antineoplastic and antiviral activities. <i>Tetrahedron</i> , <b>2019</b> , 75, 4542-4555	2.4	3
46	Design, Synthesis, and the Biological Evaluation of a New Series of Acyclic 1,2,3-Triazole Nucleosides. <i>Archiv Der Pharmazie</i> , <b>2017</b> , 350, 1700166	4.3	3
45	Synthesis of O2- and N3-(2-Phosphonomethoxy)ethyl Derivatives of 6-Phenyl- and 6-Pyridinyl-5-azacytosine. <i>Heterocycles</i> , <b>2011</b> , 83, 797	0.8	3
44	Synthesis of imidazo[1,2-a]pyridine derivatives as antiviral agents. <i>Arzneimittelforschung</i> , <b>2001</b> , 51, 304-9		3

43	Thienothiadiazine 2,2-dioxide acyclonucleosides: synthesis and antiviral activity. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2000</b> , 11, 221-30	3.5	3
42	Combination of Azidothymidine (AZT) and (E)-5-(2-Bromovinyl)-2'-deoxyuridine (BVDU) Inhibits the Replication of Herpes Simplex Virus Type 1 (HSV-1) and Type 2 (HSV-2) and Varicella Zoster Virus (VZV) Strains That Are Deficient in the Expression of the Viral Thymidine Kinase (tk). <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2007</b> , 24, 559-568	1.4	3
41	Human Brain Tumour Cell Lines as Cell Substrate to Demonstrate Sensitivity/Resistance of Herpes Simplex Virus Types 1 and 2 to Nucleoside Analogues. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1994</b> , 5, 263-270	3.5	3
40	Formulation of acyclovir (core)-dexpanthenol (sheath) nanofibrous patches for the treatment of herpes labialis. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 121354	6.5	3
39	Synthesis of New Imidazopyridine Nucleoside Derivatives Designed as Maribavir Analogues. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
38	Synthesis of uracilboumarin conjugates as potential inhibitors of virus replication. <i>Mendeleev Communications</i> , <b>2019</b> , 29, 638-639	1.9	3
37	Extension of furopyrimidine nucleosides with 5-alkynyl substituent: Synthesis, high fluorescence, and antiviral effect in the absence of free ribose hydroxyl groups. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 209, 112884	6.8	3
36	Lymphocyte-independent pathways underlie the pathogenesis of murine cytomegalovirus-associated secondary haemophagocytic lymphohistiocytosis. <i>Clinical and Experimental Immunology</i> , <b>2018</b> , 192, 104-119	6.2	3
35	Synthesis of 5,5-difluoro-5-phosphono-pent-2-en-1-yl nucleosides as potential antiviral agents. <i>RSC Advances</i> , <b>2017</b> , 7, 32282-32287	3.7	2
34	Acyclic nucleoside phosphonates containing the amide bond. <i>Monatshefte Für Chemie</i> , <b>2016</b> , 147, 2163-2177	1.7	2
33	Synthesis, antiviral, cytotoxic and cytostatic evaluation of -(phosphonoalkyl)uracil derivatives. <i>Monatshefte Für Chemie</i> , <b>2016</b> , 147, 1081-1090	1.4	2
32	Synthesis of 3P,4Pdifluoro-3Pdeoxyribonucleosides and its evaluation of the biological activities: discovery of a novel type of anti-HCV agent 3P,4Pdifluorocordycepin. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 6174-82	3.4	2
31	Phosphonylated 8-Azahypoxantines as Acyclic Nucleotide Analogs. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2015</b> , 190, 2207-2221	1	2
30	Cidofovir: Induction of apoptosis in human papilloma virus (HPV)-containing cell lines. <i>Antiviral Research</i> , <b>1997</b> , 34, A72	10.8	2
29	Cross-metathesis mediated synthesis of new acyclic nucleoside phosphonates. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2007</b> , 26, 1399-402	1.4	2
28	The journey towards elucidating the anti-HCMV activity of alkylated bicyclic furano pyrimidines. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2005</b> , 24, 643-5	1.4	2
27	Synthesis of unusual bicyclic nucleosides bearing an unsaturated side-chain, as potential inhibitors of varicella-zoster virus (VZV). <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2003</b> , 22, 817-9	1.4	2
26	Synthesis, Anti-Varicella-Zoster Virus and Anti-Cytomegalovirus Activity of 4,5-Disubstituted 1,2,3-(1H)-Triazoles. <i>Medicinal Chemistry</i> , <b>2019</b> , 15, 801-812	1.8	2

25	Uracil-Containing Heterodimers of a New Type: Synthesis and Study of Their Anti-Viral Properties. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
24	Xanthine-based acyclic nucleoside phosphonates with potent antiviral activity against varicella-zoster virus and human cytomegalovirus. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2018</b> , 26, 2040206618813050	3.5	2
23	Investigation of tumor-tumor interactions in a double human cervical carcinoma xenograft model in nude mice. <i>Oncotarget</i> , <b>2018</b> , 9, 21978-22000	3.3	2
22	Expedient synthesis and biological evaluation of alkenyl acyclic nucleoside phosphonate prodrugs. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 3596-3609	3.4	2
21	Novel N-Substituted 3-Aryl-4-(diethoxyphosphoryl)azetidin-2-ones as Antibiotic Enhancers and Antiviral Agents in Search for a Successful Treatment of Complex Infections. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
20	Synthesis and anti-HSV activity of tricyclic penciclovir and hydroxybutylguanine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 1023-1033	3.4	1
19	Conservation of antiviral activity and improved selectivity in PMEO-DAPym upon pyrimidine to triazine scaffold hopping. <i>Antiviral Research</i> , <b>2015</b> , 122, 64-8	10.8	1
18	Meeting report: 32nd International Conference on Antiviral Research. <i>Antiviral Research</i> , <b>2019</b> , 169, 1045508	5.08	1
17	Anti-HCMV Compounds. <i>Methods and Principles in Medicinal Chemistry</i> , <b>2011</b> , 227-282	0.4	1
16	Non-nucleoside structures retain full anti-HCMV potency of the dideoxy furanopyrimidine family. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2004</b> , 15, 329-32	3.5	1
15	Synthesis and biological evaluation of N- and O-alkylated bicyclic furanopyrimidines as non-nucleosidic inhibitors of human cytomegalovirus. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2005</b> , 24, 639-41	1.4	1
14	Some Properties of Blends Based on High Density Polyethylene Grafted with Di-2-Ethyl-Hexyl Fumarat. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>1998</b> , 35, 1137-1146	2.2	1
13	Methods in Anti-HCMV Research. <i>Methods in Molecular Medicine</i> , <b>2000</b> , 33, 129-52		1
12	Design, Synthesis, and Biological Evaluation of Novel C5-Modified Pyrimidine Ribofuranonucleosides as Potential Antitumor or/and Antiviral Agents. <i>Medicinal Chemistry</i> , <b>2020</b> , 16, 368-384	1.8	1
11	Viral fitness of MHV-68 viruses harboring drug resistance mutations in the protein kinase or thymidine kinase. <i>Antiviral Research</i> , <b>2020</b> , 182, 104901	10.8	1
10	XPO1 inhibitors represent a novel therapeutic option in Adult T-cell Leukemia, triggering p53-mediated caspase-dependent apoptosis. <i>Blood Cancer Journal</i> , <b>2021</b> , 11, 27	7	1
9	Acyclic nucleoside phosphonates containing the amide bond: hydroxy derivatives. <i>Monatshefte Für Chemie</i> , <b>2019</b> , 150, 733-745	1.4	0
8	Putting drug resistant epithelial herpes keratitis in the spotlight: A case series.. <i>American Journal of Ophthalmology Case Reports</i> , <b>2022</b> , 25, 101268	1.3	0

7	Synthesis and Antiviral Properties of 1-Substituted 3-[4-Oxoquinazolin-4(3H)-yl]alkyl]uracil Derivatives. <i>Acta Naturae</i> , <b>2020</b> , 12, 134-139	2.1	○
6	Selective Inhibitors of Nuclear Export (SINE) Compounds Suppress Both HIV Replication and AIDS Related Lymphoma. <i>Blood</i> , <b>2015</b> , 126, 2751-2751	2.2	○
5	Cidofovir <b>2010</b> , 2403-2428		○
4	New acetamide derivatives containing (E)-bromophenoxyalkyl]uracil moiety and their anticytomegalovirus activity. <i>Mendeleev Communications</i> , <b>2020</b> , 30, 602-603	1.9	○
3	Utilization of 1,3-Dioxolanes in the Synthesis of $\beta$ -branched Alkyl and Aryl 9-[2-(Phosphonomethoxy)Ethyl]Purines and Study of the Influence of $\beta$ -branched Substitution for Potential Biological Activity. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2019</b> , 38, 119-156	1.4	○
2	An Efficient Synthesis and Antiviral Activity Evaluation of 1-[4-(5-Phenyl-4,5-dihydro-1H-pyrazole [4,5-dihydroisoxazole])-3-yl]-phenyl]-pyrrole-2,5-dione Derivates. <i>Anti-Infective Agents</i> , <b>2014</b> , 12, 104-111	0.6	
1	Synthesis of a 3'-Deoxy-C-Nucleoside Phosphonate Bearing 9-Deazaadenine as Base Moiety. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 6657-6664	3.2	