

# Robert Snoeck

## List of Publications by Citations

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#	Paper	IF	Citations
442	Rapid and automated tetrazolium-based colorimetric assay for the detection of anti-HIV compounds. <i>Journal of Virological Methods</i> , <b>1988</b> , 20, 309-21	2.6	1498
441	Sulfated polysaccharides are potent and selective inhibitors of various enveloped viruses, including herpes simplex virus, cytomegalovirus, vesicular stomatitis virus, and human immunodeficiency virus. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1988</b> , 32, 1742-5	5.9	441
440	Differential antiherpesvirus and antiretrovirus effects of the (S) and (R) enantiomers of acyclic nucleoside phosphonates: potent and selective in vitro and in vivo antiretrovirus activities of (R)-9-(2-phosphonomethoxypropyl)-2,6-diaminopurine. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1988</b> , 32, 222-6	5.9	297
439	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
438	(S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine, a potent and selective inhibitor of human cytomegalovirus replication. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1988</b> , 32, 1839-44	5.9	209
437	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
436	Treatment of severe laryngeal papillomatosis with intralesional injections of cidofovir [(S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine]. <i>Journal of Medical Virology</i> , <b>1998</b> , 54, 219-25	19.7	203
435	Activities of various compounds against murine and primate polyomaviruses. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1997</b> , 41, 587-93	5.9	199
434	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
433	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
432	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
431	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
430	Successful treatment of a squamous papilloma of the hypopharynx-esophagus by local injections of (S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine. <i>Journal of Medical Virology</i> , <b>1995</b> , 45, 230-5	19.7	165
429	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
428	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
427	Sulfated polymers inhibit the interaction of human cytomegalovirus with cell surface heparan sulfate. <i>Virology</i> , <b>1992</b> , 189, 48-58	3.6	148
426	Synthesis and antiherpes virus activity of 1,5-anhydrohexitol nucleosides. <i>Journal of Medicinal Chemistry</i> , <b>1993</b> , 36, 2033-40	8.3	140

425	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
424	Acyclic nucleotide analogues: synthesis, antiviral activity and inhibitory effects on some cellular and virus-encoded enzymes in vitro. <i>Antiviral Research</i> , <b>1990</b> , 13, 295-311	10.8	139
423	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
422	Adjuvant low-dose cidofovir therapy for BK polyomavirus interstitial nephritis in renal transplant recipients. <i>American Journal of Transplantation</i> , <b>2005</b> , 5, 1997-2004	8.7	129
421	A case of human orf in an immunocompromised patient treated successfully with cidofovir cream. <i>Journal of Medical Virology</i> , <b>2001</b> , 64, 543-9	19.7	125
420	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
419	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
418	6-[2-(Phosphonomethoxy)alkoxy]pyrimidines with antiviral activity. <i>Journal of Medicinal Chemistry</i> , <b>2002</b> , 45, 1918-29	8.3	120
417	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
416	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
415	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
414	Phase II double-blind, placebo-controlled study of the safety and efficacy of cidofovir topical gel for the treatment of patients with human papillomavirus infection. <i>Clinical Infectious Diseases</i> , <b>2001</b> , 33, 597-602	11.6	106
413	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
412	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
411	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
410	5-(5-Bromothien-2-yl)-2Pdeoxyuridine and 5-(5-chlorothien-2-yl)-2Pdeoxyuridine are equipotent to (E)-5-(2-bromovinyl)-2Pdeoxyuridine in the inhibition of herpes simplex virus type I replication. <i>Journal of Medicinal Chemistry</i> , <b>1991</b> , 34, 2383-9	8.3	93
409	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
408	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

407	Selective inhibition of human cytomegalovirus DNA synthesis by (S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine [(S)-HPMPC] and 9-(1,3-dihydroxy-2-propoxymethyl)guanine (DHPG). <i>Virology</i> , <b>1990</b> , 179, 41-50	3.6	90
406	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
405	Influence of 6- or 8-substitution on the antiviral activity of 3-arylalkylthiomethylimidazo[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
404	9-[(2RS)-3-fluoro-2-phosphonylmethoxypropyl] derivatives of purines: a class of highly selective antiretroviral agents in vitro and in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1991</b> , 88, 4961-5	11.5	83
403	Antiviral enantiomeric preference for 5Pnoraristeromycin. <i>Journal of Medicinal Chemistry</i> , <b>1994</b> , 37, 551-8.3	8.3	81
402	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
401	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
400	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
399	Nosocomial bacteremia caused by Bacillus species. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>1988</b> , 7, 783-5	5.3	78
398	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
397	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
396	Antiviral activity of a sulphated polysaccharide from the red seaweed Nothogenia fastigiata. <i>Biochemical Pharmacology</i> , <b>1994</b> , 47, 2187-92	6	72
395	Polyomavirus infection in pediatric renal transplant recipients: evaluation using a quantitative real-time PCR technique. <i>Pediatric Transplantation</i> , <b>2004</b> , 8, 485-92	1.8	71
394	Drug targets in cytomegalovirus infection. <i>Infectious Disorders - Drug Targets</i> , <b>2009</b> , 9, 201-22	1.1	69
393	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
392	Comparative activity of selected antiviral compounds against clinical isolates of varicella-zoster virus. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>1995</b> , 14, 318-29	5.3	66
391	Iron as a potential co-factor in the pathogenesis of Kaposi's sarcoma?. <i>International Journal of Cancer</i> , <b>1998</b> , 78, 720-6	7.5	64
390	Comparative activity of selected antiviral compounds against clinical isolates of human cytomegalovirus. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>1991</b> , 10, 1026-33	5.3	64

389	Novel sulfated polysaccharides: dissociation of anti-human immunodeficiency virus activity from antithrombin activity. <i>Journal of Infectious Diseases</i> , <b>1990</b> , 161, 208-13	7	64
388	Particular characteristics of the anti-human cytomegalovirus activity of (S)-1-(3-hydroxy-2-phosphonyl-methoxypropyl)cytosine (HPMPC) in vitro. <i>Antiviral Research</i> , <b>1991</b> , 16, 41-52	10.8	64
387	Herpes simplex virus drug-resistance: new mutations and insights. <i>Current Opinion in Infectious Diseases</i> , <b>2013</b> , 26, 551-60	5.4	63
386	New neplanocin analogues. 1. Synthesis of 6Pmodified neplanocin A derivatives as broad-spectrum antiviral agents. <i>Journal of Medicinal Chemistry</i> , <b>1992</b> , 35, 324-31	8.3	63
385	Potent, selective and cell-mediated inhibition of human herpesvirus 6 at an early stage of viral replication by the non-nucleoside compound CMV423. <i>Biochemical Pharmacology</i> , <b>2004</b> , 67, 325-36	6	61
384	Cidofovir, a new approach for the treatment of cervix intraepithelial neoplasia grade III (CIN III). <i>Journal of Medical Virology</i> , <b>2000</b> , 60, 205-9	19.7	61
383	Cidofovir resistance in vaccinia virus is linked to diminished virulence in mice. <i>Journal of Virology</i> , <b>2006</b> , 80, 9391-401	6.6	60
382	Synthesis and biological evaluation of acyclic 3-[(2-hydroxyethoxy)methyl] analogues of antiviral furo- and pyrrolo[2,3-d]pyrimidine nucleosides. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 4690-6	8.3	60
381	Preclinical development of bicyclic nucleoside analogues as potent and selective inhibitors of varicella zoster virus. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 60, 1316-30	5.1	59
380	Antiviral potential of a new generation of acyclic nucleoside phosphonates, the 6-[2-(phosphonomethoxy)alkoxy]-2,4-diaminopyrimidines. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2005</b> , 24, 331-41	1.4	59
379	Intravesical instillation of cidofovir in the treatment of hemorrhagic cystitis caused by adenovirus type 11 in a bone marrow transplant recipient. <i>Clinical Infectious Diseases</i> , <b>2005</b> , 40, 199-201	11.6	59
378	Susceptibilities of several clinical varicella-zoster virus (VZV) isolates and drug-resistant VZV strains to bicyclic furano pyrimidine nucleosides. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2005</b> , 49, 1081-6	5.9	58
377	Synthesis and antiviral activity of 5-thien-2-yl-2Pdeoxyuridine analogues. <i>Journal of Medicinal Chemistry</i> , <b>1993</b> , 36, 538-43	8.3	58
376	Synthesis and antiviral activity of 2,4-diamino-5-cyano-6-[2-(phosphonomethoxy)ethoxy]pyrimidine and related compounds. <i>Bioorganic and Medicinal Chemistry</i> , <b>2004</b> , 12, 3197-202	3.4	56
375	Current pharmacological approaches to the therapy of varicella zoster virus infections: a guide to treatment. <i>Drugs</i> , <b>1999</b> , 57, 187-206	12.1	56
374	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. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 1847-51	8.3	54
373	Antiproliferative and apoptotic effects of iron chelators on human cervical carcinoma cells. <i>Gynecologic Oncology</i> , <b>2002</b> , 85, 95-102	4.9	54
372	Synthesis, cytostatic and anti-HIV evaluations of the new unsaturated acyclic C-5 pyrimidine nucleoside analogues. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 5624-34	3.4	53

371	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
370	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
369	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
368	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
367	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
366	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
365	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
364	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
363	Acyclic/carbocyclic guanosine analogues as anti-herpesvirus agents. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2001</b> , 20, 271-85	1.4	49
362	A new topical treatment for resistant herpes simplex infections. <i>New England Journal of Medicine</i> , <b>1993</b> , 329, 968-9	59.2	49
361	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
360	Empirical antimicrobial therapy with Timentin plus amikacin in febrile granulocytopenic cancer patients. <i>Journal of Antimicrobial Chemotherapy</i> , <b>1986</b> , 17 Suppl C, 195-201	5.1	49
359	Topical treatment of CIN 2+ by cidofovir: results of a phase II, double-blind, prospective, placebo-controlled study. <i>Gynecologic Oncology</i> , <b>2009</b> , 115, 69-74	4.9	48
358	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
357	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
356	Cidofovir Activity against Poxvirus Infections. <i>Viruses</i> , <b>2010</b> , 2, 2803-30	6.2	45
355	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
354	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



353	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
352	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
351	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
350	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
349	Synthesis and antiviral activity of acyclic nucleosides with a 3(S),5-dihydroxypentyl or 4(R)-methoxy-3(S),5-dihydroxypentyl side chain. <i>Journal of Medicinal Chemistry</i> , <b>1992</b> , 35, 1458-65	8.3	44
348	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
347	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
346	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
345	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
344	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
343	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
342	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
341	Synthesis and antiviral activity of 5-heteroaryl-substituted 2Pdeoxyuridines. <i>Journal of Medicinal Chemistry</i> , <b>1991</b> , 34, 1767-72	8.3	42
340	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
339	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
338	Sulphated Cyclodextrins are Potent anti-HIV Agents Acting Synergistically with 2',3'-dideoxynucleoside Analogues. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1991</b> , 2, 45-53	3.5	41
337	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
336	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

335	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
334	Novel Therapeutics for Epstein-Barr Virus. <i>Molecules</i> , <b>2019</b> , 24,	4.8	39
333	Antiviral therapy of herpes simplex. <i>International Journal of Antimicrobial Agents</i> , <b>2000</b> , 16, 157-9	14.3	39
332	Inhibitory activity of S-adenosylhomocysteine hydrolase inhibitors against human cytomegalovirus replication. <i>Antiviral Research</i> , <b>1993</b> , 21, 197-216	10.8	39
331	Synthesis and antiviral activities of 8-alkynyl-, 8-alkenyl-, and 8-alkyl-2-deoxyadenosine analogues. <i>Journal of Medicinal Chemistry</i> , <b>1994</b> , 37, 1307-11	8.3	39
330	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
329	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
328	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
327	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
326	Preparation of acyclo nucleoside phosphonate analogues based on cross-metathesis. <i>Tetrahedron</i> , <b>2008</b> , 64, 3517-3526	2.4	37
325	Novel [2,5-bis-O-(tert-butyl-dimethylsilyl)-beta-D-ribofuranosyl]-3,5-bis-(4-amino-1,2,4-dioxathiole-2-ylidene)-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
324	Antitumor potential of acyclic nucleoside phosphonates. <i>Nucleosides &amp; Nucleotides</i> , <b>1999</b> , 18, 759-71		37
323	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
322	Efficacy of (S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)-cytosine and 9-(1,3-dihydroxy-2-propoxymethyl)-guanine in the treatment of intracerebral murine cytomegalovirus infections in immunocompetent and immunodeficient mice. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2002</b> , 19, 216-23	5.3	37
321	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
320	An epimer of 5-phosphoristeromycin and its antiviral properties. <i>Journal of Medicinal Chemistry</i> , <b>1994</b> , 37, 1382-4	8.3	36
319	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
318	4-Benzoyloxy-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



317	Papillomavirus and treatment. <i>Antiviral Research</i> , <b>2006</b> , 71, 181-91	10.8	35
316	3-deaza- and 7-deaza-5Phoraristeromycin and their antiviral properties. <i>Journal of Medicinal Chemistry</i> , <b>1995</b> , 38, 1035-8	8.3	35
315	New neplanocin analogues. 6. Synthesis and potent antiviral activity of 6Phomoneplanocin A1. <i>Journal of Medicinal Chemistry</i> , <b>1996</b> , 39, 2392-9	8.3	35
314	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
313	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
312	KSHV targeted therapy: an update on inhibitors of viral lytic replication. <i>Viruses</i> , <b>2014</b> , 6, 4731-59	6.2	33
311	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
310	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
309	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
308	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
307	Camelpox virus. <i>Antiviral Research</i> , <b>2011</b> , 92, 167-86	10.8	32
306	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
305	KaposiB sarcoma, oncogenic viruses, and iron. <i>Journal of Clinical Virology</i> , <b>2001</b> , 20, 127-30	14.5	32
304	Treatment of classical KaposiB sarcoma with intralesional injections of cidofovir: Report of a case <b>1998</b> , 55, 215-218		31
303	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
302	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
301	Local treatment of HPV-induced skin lesions by Cidofovir. <i>Journal of Medical Virology</i> , <b>2002</b> , 67, 241-5	19.7	31
300	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

299	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
298	Antiviral properties of new arylsulfone derivatives with activity against human betaherpesviruses. <i>Antiviral Research</i> , <b>2006</b> , 72, 60-7	10.8	30
297	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
296	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
295	Advances in the treatment of varicella-zoster virus infections. <i>Advances in Pharmacology</i> , <b>2013</b> , 67, 107-687	3.7	29
294	Next-generation treatment strategies for human papillomavirus-related head and neck squamous cell carcinoma: where do we go?. <i>Reviews in Medical Virology</i> , <b>2012</b> , 22, 88-105	11.7	29
293	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
292	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
291	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
290	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
289	(+)-carbocyclic 5Pnor-2Pdeoxyguanosine and related purine derivatives: synthesis and antiviral properties. <i>Journal of Medicinal Chemistry</i> , <b>1992</b> , 35, 2191-5	8.3	28
288	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
287	Detection of immediate early, early and late antigens of human cytomegalovirus by flow cytometry. <i>Journal of Virological Methods</i> , <b>1989</b> , 26, 247-54	2.6	28
286	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
285	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
284	Design, synthesis, antiviral and cytostatic activity of [(1H-1,2,3-triazol-1-yl)(polyhydroxy)alkyl]phosphonates as acyclic nucleotide analogues. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 3629-41	3.4	27
283	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
282	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

281	Successful treatment of recurrent vulvar intraepithelial neoplasia resistant to interferon and isotretinoin with cidofovir. <i>Journal of Medical Virology</i> , <b>2001</b> , 64, 195-8	19.7	27
280	Systemic cidofovir in papillomatosis. <i>Clinical Infectious Diseases</i> , <b>2001</b> , 32, E62-4	11.6	27
279	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
278	S-Adenosyl-L-homocysteine Hydrolase Inhibitors as Anti-Viral Agents: 5'-Deoxyaristeromycin. <i>Nucleosides &amp; Nucleotides</i> , <b>1993</b> , 12, 185-198		26
277	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
276	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
275	Imbalance in production of cytokines by bone marrow stromal cells following cytomegalovirus infection. <i>Journal of Infectious Diseases</i> , <b>1996</b> , 174, 913-9	7	25
274	Poly(Hydroxy)Carboxylates as Selective Inhibitors of Cytomegalovirus and Herpes Simplex Virus Replication. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1992</b> , 3, 215-222	3.5	25
273	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
272	Emerging drugs for varicella-zoster virus infections. <i>Expert Opinion on Emerging Drugs</i> , <b>2011</b> , 16, 507-35	3.7	24
271	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
270	Topical cidofovir (HPMPC) is an effective adjuvant to surgical treatment of anogenital condylomata acuminata. <i>Diseases of the Colon and Rectum</i> , <b>2003</b> , 46, 1103-8; discussion 1108-9	3.1	24
269	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
268	Role of cidofovir in the treatment of DNA virus infections, other than CMV infections, in immunocompromised patients. <i>Current Opinion in Investigational Drugs</i> , <b>2002</b> , 3, 1561-6		24
267	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
266	Synthesis and biological properties of C-2 triazolylinosine derivatives. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 5870-83	4.2	23
265	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
264	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, 126-31	2.7	23

- 263 Bicyclic nucleoside inhibitors of Varicella-Zoster Virus (VZV): the effect of terminal unsaturation in the side chain. *Bioorganic and Medicinal Chemistry Letters*, **2001**, 11, 391-3 2.9 23
- 262 Nonnucleoside human cytomegalovirus inhibitors: synthesis and antiviral evaluation of (chlorophenylmethyl)benzothiadiazine dioxide derivatives. *Journal of Medicinal Chemistry*, **2000**, 43, 3267-73 8.3 23
- 261 Synthesis and antiviral activity of 5Pdeoxy pyrazofurin. *Journal of Medicinal Chemistry*, **1993**, 36, 3727-30 8.3 23
- 260 Synthesis and antiviral activity of three pyrazole analogues of distamycin A. *Acta Chemica Scandinavica*, **1994**, 48, 498-505 23
- 259 Distribution and effects of amino acid changes in drug-resistant  $\Psi$  and  $\Phi$  herpesviruses DNA polymerase. *Nucleic Acids Research*, **2016**, 44, 9530-9554 20.1 23
- 258 N1,N3-disubstituted uracils as nonnucleoside inhibitors of HIV-1 reverse transcriptase. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 1150-8 3.4 22
- 257 New prodrugs of Adefovir and Cidofovir. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 3527-39 3.4 22
- 256 4"-Benzoylureido-TSAO derivatives as potent and selective non-nucleoside HCMV inhibitors. Structure-activity relationship and mechanism of antiviral action. *Journal of Medicinal Chemistry*, **2008**, 51, 5823-32 8.3 22
- 255 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 furo pyrimidine core. *Journal of Medicinal Chemistry*, **2007**, 50, 3897-905 8.3 22
- 254 Patterns of resistance and sensitivity to antiviral compounds of drug-resistant strains of human cytomegalovirus selected in vitro. *European Journal of Clinical Microbiology and Infectious Diseases*, **1996**, 15, 574-9 5.3 22
- 253 Design, Synthesis, and Antiviral Activity of Novel Ribonucleosides of 1,2,3-Triazolylbenzyl-aminophosphonates. *Archiv Der Pharmazie*, **2016**, 349, 30-41 4.3 22
- 252 Human Exportin-1 is a Target for Combined Therapy of HIV and AIDS Related Lymphoma. *EBioMedicine*, **2015**, 2, 1102-13 8.8 21
- 251 Fluorescence-based antiviral assay for the evaluation of compounds against vaccinia virus, varicella zoster virus and human cytomegalovirus. *Journal of Virological Methods*, **2008**, 151, 66-73 2.6 21
- 250 Synthesis and antiviral activity of the carbocyclic analogue of the highly potent and selective anti-VZV bicyclo furano pyrimidines. *Journal of Medicinal Chemistry*, **2007**, 50, 6485-92 8.3 21
- 249 Synthesis and anti-HIV-1 and anti-HCMV activity of 1-substituted 3-(3,5-dimethylbenzyl)uracil derivatives. *Chemical and Pharmaceutical Bulletin*, **2006**, 54, 325-33 1.9 21
- 248 Anti-varicella-zoster virus bicyclic nucleosides: replacement of furo by pyrro base reduces antiviral potency. *Antiviral Chemistry and Chemotherapy*, **2000**, 11, 343-8 3.5 21
- 247 Novel potential agents for human cytomegalovirus infection: synthesis and antiviral activity evaluation of benzothiadiazine dioxide acyclonucleosides. *Journal of Medicinal Chemistry*, **1999**, 42, 1145-50 8.3 21
- 246 Synthesis and Antiviral Activity of Acyclic Nucleotide Analogues Derived from 6-(Aminomethyl)purines and Purine-6-carboxamidines. *Collection of Czechoslovak Chemical Communications*, **1996**, 61, 1525-1537 21

245	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
244	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
243	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
242	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
241	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
240	Sensitive, reproducible and convenient fluorometric assay for the in vitro evaluation of anti-cytomegalovirus agents. <i>Journal of Virological Methods</i> , <b>1991</b> , 35, 27-38	2.6	20
239	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
238	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
237	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
236	Synthesis and anti-HCMV activity of 1-[E(phenoxy)alkyl]uracil derivatives and analogues thereof. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 4151-7	3.4	19
235	From Eamino-Ebultone to unusual bicyclic pyridine and pyrazine heterocyclic systems: synthesis and cytostatic and antiviral activities. <i>ChemMedChem</i> , <b>2011</b> , 6, 686-97	3.7	19
234	Cidofovir: clinical experience and future perspectives on an acyclic nucleoside phosphonate analog of cytosine in the treatment of refractory and premalignant HPV-associated anal lesions. <i>Expert Opinion on Pharmacotherapy</i> , <b>2009</b> , 10, 1343-52	4	19
233	Synthesis and anti-VZV activity of 6-heteroaryl derivatives of tricyclic acyclovir and 9-[[cis-1P2Pbis(hydroxymethyl)cycloprop-1Pyl]methyl]guanine analogues. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 3313-7	6.8	19
232	Polyanion inhibitors of human immunodeficiency virus and other viruses. 6. Micelle-like anti-HIV polyanionic compounds based on a carbohydrate core. <i>Journal of Medicinal Chemistry</i> , <b>1997</b> , 40, 350-6	8.3	19
231	Intracellular metabolism of the new antiviral compound 1-(S)-[3-hydroxy-2-(phosphonomethoxy)propyl]-5-azacytosine. <i>Biochemical Pharmacology</i> , <b>2008</b> , 76, 997-1005	6	19
230	Antiviral and cytostatic evaluation of the novel 6-acyclic chain substituted thymine derivatives. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2005</b> , 16, 327-38	3.5	19
229	Bicyclic anti-VZV nucleosides: Thieno analogues retain full antiviral activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2001</b> , 11, 2507-10	2.9	19
228	ST-246 is a key antiviral to inhibit the viral F13L phospholipase, one of the essential proteins for orthopoxvirus wrapping. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 1367-80	5.1	18



227	New prodrugs of two pyrimidine acyclic nucleoside phosphonates: Synthesis and antiviral activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 4637-4648	3.4	18
226	Activities of different classes of acyclic nucleoside phosphonates against BK virus in primary human renal cells. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2011</b> , 55, 1961-7	5.9	18
225	Successful kinase bypass with new acyclovir phosphoramidate prodrugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2008</b> , 18, 4364-7	2.9	18
224	Treatment of a bowenoid papulosis of the penis with local applications of cidofovir in a patient with acquired immunodeficiency syndrome. <i>Archives of Internal Medicine</i> , <b>2001</b> , 161, 2382-4		18
223	Synthesis and antiviral evaluation of phosphoramidate derivatives of (E)-5-(2-bromovinyl)-2Pdeoxyuridine. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2001</b> , 12, 293-300	3.5	18
222	A rapid phenotypic assay for detection of acyclovir-resistant varicella-zoster virus with mutations in the thymidine kinase open reading frame. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2000</b> , 44, 873-8	5.9	18
221	Polyanion inhibitors of human immunodeficiency virus and other viruses. Part 2. Polymerized anionic surfactants derived from amino acids and dipeptides. <i>Journal of Medicinal Chemistry</i> , <b>1996</b> , 39, 1626-34	8.3	18
220	New Polyacetal Polysulphate Active against Human Immunodeficiency Virus and other Enveloped Viruses. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1992</b> , 3, 351-360	3.5	18
219	Synthesis and evaluation of antiviral, antitubercular and anticancer activities of some novel thioureas derived from 4-aminobenzohydrazide hydrazones. <i>Marmara Pharmaceutical Journal</i> , <b>2010</b> , 1, 13-20		18
218	Synthesis, anti-varicella-zoster virus and anti-cytomegalovirus activity of quinazoline-2,4-diones containing isoxazolidine and phosphonate substructures. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 126, 84-100	6.8	17
217	Activity and mechanism of action of HDVD, a novel pyrimidine nucleoside derivative with high levels of selectivity and potency against gammaherpesviruses. <i>Journal of Virology</i> , <b>2013</b> , 87, 3839-51	6.6	17
216	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
215	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
214	Alkyne-azide click chemistry mediated carbanucleosides synthesis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2007</b> , 26, 1391-4	1.4	17
213	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
212	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
211	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
210	Carbocyclic 5Pnor "reverse" fleximers. Design, synthesis, and preliminary biological activity. <i>MedChemComm</i> , <b>2011</b> , 2,	5	16



209	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
208	Antiviral activity of HPMPC (cidofovir) against orf virus infected lambs. <i>Antiviral Research</i> , <b>2007</b> , 73, 169-178	14.8	16
207	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
206	Chemotherapy of varicella zoster virus infections. <i>International Journal of Antimicrobial Agents</i> , <b>1994</b> , 4, 211-26	14.3	16
205	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
204	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
203	A multi-targeted drug candidate with dual anti-HIV and anti-HSV activity. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003456	14.6	15
202	Viral DNA Polymerase Inhibitors		15
201	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
200	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
199	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
198	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
197	Synthesis and antiviral activity of 1,3-disubstituted uracils against HIV-1 and HCMV. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2003</b> , 14, 271-9	3.5	15
196	Successful use of intralesional and intravenous cidofovir in association with indole-3-carbinol in an 8-year-old girl with pulmonary papillomatosis. <i>Journal of Medical Virology</i> , <b>2005</b> , 75, 332-5	19.7	15
195	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
194	No apparent effect of cidofovir in epidermodysplasia verruciformis. <i>Journal of Clinical Virology</i> , <b>2000</b> , 16, 55-7	14.5	15
193	Inhibitory effects of potent inhibitors of human immunodeficiency virus and cytomegalovirus on the growth of human granulocyte-macrophage progenitor cells in vitro. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>1990</b> , 9, 615-9	5.3	15
192	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

191	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
190	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
189	Imidazothiadiazine dioxides: synthesis and antiviral activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>1999</b> , 7, 1617-23	3.4	14
188	Inhibitory Effects of Polycations on the Replication of Enveloped Viruses (HIV, HSV, CMV, RSV, Influenza A Virus and Togaviruses) in vitro. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1991</b> , 2, 243-248	3.5	14
187	New Isoxazolidine-Conjugates of Quinazolinones-Synthesis, Antiviral and Cytostatic Activity. <i>Molecules</i> , <b>2016</b> , 21,	4.8	14
186	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
185	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
184	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
183	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
182	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
181	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
180	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
179	Synthesis, and cytotoxic activity of N(ind)-alkoxy derivatives of antibiotic arcylarubin and dechloro-rebeccamycin aglycon. <i>Journal of Antibiotics</i> , <b>2002</b> , 55, 768-73	3.7	13
178	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
177	Specific therapies for human papilloma virus infections. <i>Current Opinion in Infectious Diseases</i> , <b>1998</b> , 11, 733-7	5.4	13
176	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
175	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
174	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

173	Study of camelpox virus pathogenesis in athymic nude mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e21561	3.7	13
172	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
171	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
170	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
169	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
168	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
167	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
166	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
165	Antiviral activity of ganciclovir elaidic acid ester against herpesviruses. <i>Antiviral Research</i> , <b>2000</b> , 45, 157-67.8	6.8	12
164	Novel carbocyclic nucleosides containing a cyclobutyl ring. Guanosine and adenosine analogues. <i>Nucleosides &amp; Nucleotides</i> , <b>1998</b> , 17, 1237-53		12
163	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
162	Advances and Perspectives in the Management of Varicella-Zoster Virus Infections. <i>Molecules</i> , <b>2021</b> , 26,	4.8	12
161	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
160	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
159	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
158	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
157	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
156	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

- 155 Design, synthesis, chemical characterization, biological evaluation, and docking study of new 1,3,4-oxadiazole homonucleoside analogs. *Nucleosides, Nucleotides and Nucleic Acids*, **2020**, 39, 1088-1107<sup>1.4</sup> 10
- 154 Synthesis of a 3PC-ethynyl-β-D-ribofuranose purine nucleoside library: Discovery of C7-deazapurine analogs as potent antiproliferative nucleosides. *European Journal of Medicinal Chemistry*, **2018**, 157, 248-267<sup>6.8</sup> 10
- 153 N(4)-Acyl derivatives as lipophilic prodrugs of cidofovir and its 5-azacytosine analogue, (S)-HPMP-5-azaC: chemistry and antiviral activity. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 2896-906<sup>3.4</sup> 10
- 152 Virtual Screening of Acyclovir Derivatives as Potential Antiviral Agents: Design, Synthesis, and Biological Evaluation of New Acyclic Nucleoside ProTides. *Journal of Medicinal Chemistry*, **2017**, 60, 7876-7896<sup>8.3</sup> 10
- 151 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. *Marmara Pharmaceutical Journal*, **2015**, 2, 88-88 10
- 150 Acyclic nucleoside phosphonates with a branched 2-(2-phosphonoethoxy)ethyl chain: efficient synthesis and antiviral activity. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 4445-53 3.4 10
- 149 Novel bicyclic furanopyrimidines with dual anti-VZV and -HCMV activity. *Bioorganic and Medicinal Chemistry Letters*, **2003**, 13, 4511-3 2.9 10
- 148 New treatments for genital herpes. *Current Opinion in Infectious Diseases*, **2002**, 15, 49-55 5.4 10
- 147 Synthesis and antiviral and cytostatic activities of carbocyclic nucleosides incorporating a modified cyclobutane ring. Part 1: Guanosine analogues. *Archiv Der Pharmazie*, **1999**, 332, 348-52 4.3 10
- 146 Synthesis and antiviral activity of 6-chloropurine arabinoside and its 2Pdeoxy-2Pfluoro derivative. *Chemical and Pharmaceutical Bulletin*, **1996**, 44, 2331-4 1.9 10
- 145 Influence of 4PSubstitution on the Activity of Gemcitabine and Its ProTide Against VZV and SARS-CoV-2. *ACS Medicinal Chemistry Letters*, **2021**, 12, 88-92 4.3 10
- 144 Varicella-Zoster Virus ORF9p Binding to Cellular Adaptor Protein Complex 1 Is Important for Viral Infectivity. *Journal of Virology*, **2018**, 92, 6.6 10
- 143 Phosphonoamidate prodrugs of C5-substituted pyrimidine acyclic nucleosides for antiviral therapy. *Antiviral Research*, **2017**, 143, 262-268 10.8 9
- 142 CRISPR/Cas9 Editing of the Polyomavirus Tumor Antigens Inhibits Merkel Cell Carcinoma Growth In Vitro. *Cancers*, **2019**, 11, 6.6 9
- 141 Highly convergent synthesis and antiviral activity of (E)-but-2-enyl nucleoside phosphonoamidates. *European Journal of Medicinal Chemistry*, **2018**, 146, 678-686 6.8 9
- 140 Sequestration of human cytomegalovirus by human renal and mammary epithelial cells. *Virology*, **2014**, 460-461, 55-65 3.6 9
- 139 Methyl-2-arylidene hydrazinecarbodithioates: synthesis and biological activity. *Chemical Papers*, **2013**, 67, 650-656 1.9 9
- 138 Synthesis and antiviral activities of hexadecyloxypropyl prodrugs of acyclic nucleoside phosphonates containing guanine or hypoxanthine and a (S)-HPMP or PEE acyclic moiety. *European Journal of Medicinal Chemistry*, **2012**, 55, 307-14 6.8 9

137	Synthesis and anti-herpetic activity of phosphoramidate ProTides. <i>ChemMedChem</i> , <b>2013</b> , 8, 985-93	3.7	9
136	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
135	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
134	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
133	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
132	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
131	Production of human monoclonal IgG antibodies reacting with cytomegalovirus (CMV). <i>Journal of Immunological Methods</i> , <b>1990</b> , 130, 209-16	2.5	9
130	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
129	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
128	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
127	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
126	Antiviral activity spectrum of phenoxazine nucleoside derivatives. <i>Antiviral Research</i> , <b>2019</b> , 163, 117-124	10.8	8
125	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
124	Amidate Prodrugs of Cyclic 9-()-[3-Hydroxy-2-(phosphonomethoxy)propyl]adenine with Potent Anti-Herpessvirus Activity. <i>ACS Medicinal Chemistry Letters</i> , <b>2018</b> , 9, 381-385	4.3	8
123	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
122	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
121	Phosphonylated Acyclic Guanosine Analogues with the 1,2,3-Triazole Linker. <i>Molecules</i> , <b>2015</b> , 20, 18789-807	4.07	8
120	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

119	Use of polymerase chain reaction for diagnosis of disseminated adenovirus infection. <i>Pediatric Infectious Disease Journal</i> , <b>2002</b> , 21, 1176-8	3.4	8
118	(D)- and (L)-cyclohexenyl-G, a new class of antiviral agents: synthesis, conformational analysis, molecular modeling, and biological activity. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2001</b> , 20, 727-30	1.4	8
117	Synthesis and Antiviral Activities of Some Novel Carbocyclic Nucleosides. <i>Nucleosides &amp; Nucleotides</i> , <b>1996</b> , 15, 1335-1346		8
116	(-)-7-deazaaristeromycin lacking the hydroxymethyl substituent. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1993</b> , 3, 663-666	2.9	8
115	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
114	Synthesis and the Biological Activity of Phosphonylated 1,2,3-Triazolenaphthalimide Conjugates. <i>Molecules</i> , <b>2016</b> , 21,	4.8	8
113	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
112	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
111	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
110	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
109	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
108	Novel Isoxazolidine and Lactam Analogues of Homonucleosides. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
107	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
106	Carbocyclic oxetanocins lacking the C-3Pmethylene. <i>Journal of Medicinal Chemistry</i> , <b>1997</b> , 40, 1401-6	8.3	7
105	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
104	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
103	E-5-(2-Chlorovinyl)-2'-Deoxycytidine: Synthesis and Antiherpetic Activity. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1990</b> , 1, 35-40	3.5	7
102	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



101	Novel isoxazolidine analogues of homonucleosides and homonucleotides. <i>Tetrahedron</i> , <b>2016</b> , 72, 8294-8308	6	
100	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
99	Synthesis and Bioactivity of Novel Trisubstituted Triazole Nucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2016</b> , 35, 147-60	1.4	6
98	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
97	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
96	Bicyclic nucleoside inhibitors of varicella-zoster virus (VZV): Pd-catalysed synthesis of 5-aryl derivatives and their biological evaluation. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2001</b> , 12, 187-97	3.5	6
95	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
94	Abatement of cutaneous Kaposi's sarcoma associated with cidofovir treatment. <i>Clinical Infectious Diseases</i> , <b>1998</b> , 27, 1562	11.6	6
93	Palladium-catalyzed synthesis of (E)-5-(2-acylvinyloxy)-2'-deoxyuridines and their antiviral and cytotoxic activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1995</b> , 5, 1627-1632	2.9	6
92	Synthesis and anti-herpes activity of 5-trifluorovinyl-2'-deoxyuridine. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1992</b> , 2, 1057-1062	2.9	6
91	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
90	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
89	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
88	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
87	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
86	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
85	Synthesis and Biological Activity of Some 2-Aminopurine Carbonucleosides. <i>Nucleosides &amp; Nucleotides</i> , <b>1997</b> , 16, 1337-1339		5
84	Halophenyl furanopyrimidines as potent and selective anti-VZV agents. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2003</b> , 14, 165-70	3.5	5

83	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
82	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
81	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
80	Monitoring drug resistance for herpesviruses. <i>Methods in Molecular Medicine</i> , <b>2000</b> , 24, 151-69		5
79	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
78	Synthesis and antiviral properties of carbocyclic 3-Poxa-2-β-D-ribofuranoside and its 7-deazaguanosine analogue. <i>Antiviral Research</i> , <b>1993</b> , 20, 333-45	10.8	5
77	Therapy of poxvirus infections <b>2007</b> , 375-395		5
76	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
75	Multidrug-resistant cytomegalovirus infection in a pediatric stem cell transplantation patient. <i>Antiviral Research</i> , <b>2016</b> , 132, 149-53	10.8	5
74	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
73	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
72	Treatment of intraurethral condylomata acuminata with surgery and cidofovir instillations in two immunocompromised patients and review of the literature. <i>Antiviral Research</i> , <b>2018</b> , 158, 238-243	10.8	5
71	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
70	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
69	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
68	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
67	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
66	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

65	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
64	Synthesis and antiviral activities of 3-arylthiomethylimidazo[1,2-b]pyridazine derivatives. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2003</b> , 14, 177-82	3.5	4
63	Evaluating phenotype and genotype of drug-resistant strains in herpesviruses. <i>Molecular Biotechnology</i> , <b>2001</b> , 18, 155-67	3	4
62	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
61	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
60	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
59	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
58	Oral Treatment of Oropharyngeal Candidiasis with Nystatin Versus Ketoconazole in Cancer Patients. <i>Drug Investigation</i> , <b>1990</b> , 2, 71-75		4
57	BKTyper: Free Online Tool for Polyoma BK Virus VP1 and NCCR Typing. <i>Viruses</i> , <b>2020</b> , 12,	6.2	4
56	Substituted adamantylphthalimides: Synthesis, antiviral and antiproliferative activity. <i>Archiv Der Pharmazie</i> , <b>2020</b> , 353, e2000024	4.3	4
55	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
54	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
53	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
52	Synthesis and antiviral evaluation of cyclopentyl nucleoside phosphonates. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 150, 616-625	6.8	3
51	Synthesis of fluorinated acyclic nucleoside phosphonates with 5-azacytosine base moiety. <i>Tetrahedron</i> , <b>2019</b> , 75, 130529	2.4	3
50	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
49	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
48	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

47	Synthesis of imidazo[1,2-a]pyridine derivatives as antiviral agents. <i>Arzneimittelforschung</i> , <b>2001</b> , 51, 304-9		3
46	Thienothiadiazine 2,2-dioxide acyclonucleosides: synthesis and antiviral activity. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2000</b> , 11, 221-30	3.5	3
45	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>1995</b> , 14, 559-562	1.4	3
44	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
43	Therapy for herpesvirus infections. <i>Current Opinion in Infectious Diseases</i> , <b>1992</b> , 5, 816-826	5.4	3
42	Fongtion chez des malades immunocompromis. <i>Médecine Et Maladies Infectieuses</i> , <b>1984</b> , 14, 605-606	4	3
41	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
40	Synthesis of New Imidazopyridine Nucleoside Derivatives Designed as Maribavir Analogues. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
39	Synthesis of uraciloumarin conjugates as potential inhibitors of virus replication. <i>Mendeleev Communications</i> , <b>2019</b> , 29, 638-639	1.9	3
38	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
37	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
36	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
35	Acyclic nucleoside phosphonates containing the amide bond. <i>Monatshefte Für Chemie</i> , <b>2016</b> , 147, 2163-2177		2
34	Synthesis, antiviral, cytotoxic and cytostatic evaluation of -(phosphonoalkyl)uracil derivatives. <i>Monatshefte Für Chemie</i> , <b>2016</b> , 147, 1081-1090	1.4	2
33	Synthesis of 3P4Pdifluoro-3Pdeoxyribonucleosides and its evaluation of the biological activities: discovery of a novel type of anti-HCV agent 3P4Pdifluorocordycepin. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 6174-82	3.4	2
32	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
31	Cidofovir: Induction of apoptosis in human papilloma virus (HPV)-containing cell lines. <i>Antiviral Research</i> , <b>1997</b> , 34, A72	10.8	2
30	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

29	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
28	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
27	Bicyclic nucleoside inhibitors of varicella-zoster virus: effect of terminal aryl substitution in the side-chain. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2002</b> , 13, 263-71	3.5	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, 20402056618813050	2.5	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	Anti-HCMV Compounds. <i>Methods and Principles in Medicinal Chemistry</i> , <b>2011</b> , 227-282	0.4	1
17	Synthesis and antiviral activity of 1-substituted 3-(3,5-dimethylbenzyl)uracil against HIV-1. <i>Nucleic Acids Symposium Series</i> , <b>2004</b> , 3-4		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	Methods in Anti-HCMV Research. <i>Methods in Molecular Medicine</i> , <b>2000</b> , 33, 129-52		1
13	La chimiothérapie des infections à cytomégalo virus. <i>Médecine Et Maladies Infectieuses</i> , <b>1988</b> , 18, 79-84	4	1
12	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

11	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
10	Antiviral effect of the nucleoside analogue cidofovir in the context of sexual transmission of a gammaherpesvirus in mice. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 2095-2103	5.1	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	0
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	0
5	Cidofovir <b>2010</b> , 2403-2428		0
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	0
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	0
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	Herpes virus infections. <i>Journal of Hospital Infection</i> , <b>1988</b> , 11 Suppl A, 29-36	6.9	