

# Johan Neyts

## List of Publications by Year in descending order

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693  
papers

34,480  
citations

4136

87  
h-index

9854

141  
g-index

844  
all docs

844  
docs citations

844  
times ranked

34599  
citing authors

#	ARTICLE	IF	CITATIONS
1	N-terminal domain antigenic mapping reveals a site of vulnerability for SARS-CoV-2. <i>Cell</i> , 2021, 184, 2332-2347.e16.	13.5	784
2	Animal models for COVID-19. <i>Nature</i> , 2020, 586, 509-515.	13.7	705
3	Angiogenesis: regulators and clinical applications. <i>Biochemical Pharmacology</i> , 2001, 61, 253-270.	2.0	643
4	Screening of an FDA-Approved Compound Library Identifies Four Small-Molecule Inhibitors of Middle East Respiratory Syndrome Coronavirus Replication in Cell Culture. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4875-4884.	1.4	611
5	In vitro inhibition of severe acute respiratory syndrome coronavirus by chloroquine. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 264-268.	1.0	530
6	Ultrapotent human antibodies protect against SARS-CoV-2 challenge via multiple mechanisms. <i>Science</i> , 2020, 370, 950-957.	6.0	504
7	Î±-Ketoamides as Broad-Spectrum Inhibitors of Coronavirus and Enterovirus Replication: Structure-Based Design, Synthesis, and Activity Assessment. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4562-4578.	2.9	437
8	SARS-CoV-2 RBD antibodies that maximize breadth and resistance to escape. <i>Nature</i> , 2021, 597, 97-102.	13.7	385
9	An Orally Bioavailable Antipoxvirus Compound (ST-246) Inhibits Extracellular Virus Formation and Protects Mice from Lethal Orthopoxvirus Challenge. <i>Journal of Virology</i> , 2005, 79, 13139-13149.	1.5	372
10	Ivermectin is a potent inhibitor of flavivirus replication specifically targeting NS3 helicase activity: new prospects for an old drug. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1884-1894.	1.3	329
11	Remdesivir, Molnupiravir and Nirmatrelvir remain active against SARS-CoV-2 Omicron and other variants of concern. <i>Antiviral Research</i> , 2022, 198, 105252.	1.9	302
12	Favipiravir as a potential countermeasure against neglected and emerging RNA viruses. <i>Antiviral Research</i> , 2018, 153, 85-94.	1.9	295
13	Structure and functionality in flavivirus NS-proteins: Perspectives for drug design. <i>Antiviral Research</i> , 2010, 87, 125-148.	1.9	289
14	The non-immunosuppressive cyclosporin DEBIO-025 is a potent inhibitor of hepatitis C virus replication in vitro. <i>Hepatology</i> , 2006, 43, 761-770.	3.6	272
15	Broad betacoronavirus neutralization by a stem helix-specific human antibody. <i>Science</i> , 2021, 373, 1109-1116.	6.0	262
16	Treatment of Argentine hemorrhagic fever. <i>Antiviral Research</i> , 2008, 78, 132-139.	1.9	256
17	The Predominant Mechanism by Which Ribavirin Exerts Its Antiviral Activity In Vitro against Flaviviruses and Paramyxoviruses Is Mediated by Inhibition of IMP Dehydrogenase. <i>Journal of Virology</i> , 2005, 79, 1943-1947.	1.5	254
18	The Viral Polymerase Inhibitor 7-Deaza-2â€™-C-Methyladenosine Is a Potent Inhibitor of In Vitro Zika Virus Replication and Delays Disease Progression in a Robust Mouse Infection Model. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004695.	1.3	250

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19	Favipiravir at high doses has potent antiviral activity in SARS-CoV-2 <sup>+</sup> infected hamsters, whereas hydroxychloroquine lacks activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26955-26965.	3.3	240
20	Alpha-(1-3)- and alpha-(1-6)-D-mannose-specific plant lectins are markedly inhibitory to human immunodeficiency virus and cytomegalovirus infections in vitro. <i>Antimicrobial Agents and Chemotherapy</i> , 1991, 35, 410-416.	1.4	230
21	The mannose-specific plant lectins from <i>Cymbidium hybrid</i> and <i>Epipactis helleborine</i> and the (N-acetylglucosamine) <sub>n</sub> -specific plant lectin from <i>Urtica dioica</i> are potent and selective inhibitors of human immunodeficiency virus and cytomegalovirus replication in vitro. <i>Antiviral Research</i> , 1992, 18, 191-207.	1.9	230
22	Discriminating mild from critical COVID-19 by innate and adaptive immune single-cell profiling of bronchoalveolar lavages. <i>Cell Research</i> , 2021, 31, 272-290.	5.7	229
23	Amino-terminal truncation of CXCR3 agonists impairs receptor signaling and lymphocyte chemotaxis, while preserving antiangiogenic properties. <i>Blood</i> , 2001, 98, 3554-3561.	0.6	227
24	STAT2 signaling restricts viral dissemination but drives severe pneumonia in SARS-CoV-2 infected hamsters. <i>Nature Communications</i> , 2020, 11, 5838.	5.8	225
25	Selective inhibitors of picornavirus replication. <i>Medicinal Research Reviews</i> , 2008, 28, 823-884.	5.0	224
26	Broad sarbecovirus neutralization by a human monoclonal antibody. <i>Nature</i> , 2021, 597, 103-108.	13.7	220
27	SARS-CoV-2 Mpro inhibitors and activity-based probes for patient-sample imaging. <i>Nature Chemical Biology</i> , 2021, 17, 222-228.	3.9	215
28	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> , 1997, 8, 1-23.	0.3	214
29	Current and future antiviral therapy of severe seasonal and avian influenza. <i>Antiviral Research</i> , 2008, 78, 91-102.	1.9	210
30	Itraconazole Inhibits Enterovirus Replication by Targeting the Oxysterol-Binding Protein. <i>Cell Reports</i> , 2015, 10, 600-615.	2.9	201
31	Structure-Activity Relationship of New Anti-Hepatitis C Virus Agents: Heterobicyclic-Coumarin Conjugates. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1486-1490.	2.9	199
32	Mutations in the chikungunya virus non-structural proteins cause resistance to favipiravir (T-705), a broad-spectrum antiviral. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2770-2784.	1.3	187
33	Antiviral treatment is more effective than smallpox vaccination upon lethal monkeypox virus infection. <i>Nature</i> , 2006, 439, 745-748.	13.7	180
34	Synthesis of new benzimidazole-coumarin conjugates as anti-hepatitis C virus agents. <i>Antiviral Research</i> , 2008, 77, 157-162.	1.9	176
35	Sofosbuvir Inhibits Hepatitis E Virus Replication In Vitro and Results in an Additive Effect When Combined With Ribavirin. <i>Gastroenterology</i> , 2016, 150, 82-85.e4.	0.6	175
36	Sulfated polymers inhibit the interaction of human cytomegalovirus with cell surface heparan sulfate. <i>Virology</i> , 1992, 189, 48-58.	1.1	173

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37	A Mutation in the Hepatitis E Virus RNA Polymerase Promotes Its Replication and Associates With Ribavirin Treatment Failure in Organ Transplant Recipients. <i>Gastroenterology</i> , 2014, 147, 1008-1011.e7.	0.6	171
38	Monocyte-driven atypical cytokine storm and aberrant neutrophil activation as key mediators of COVID-19 disease severity. <i>Nature Communications</i> , 2021, 12, 4117.	5.8	170
39	Treatment of yellow fever. <i>Antiviral Research</i> , 2008, 78, 116-124.	1.9	167
40	Update on hepatitis E virology: Implications for clinical practice. <i>Journal of Hepatology</i> , 2016, 65, 200-212.	1.8	165
41	Genome-wide CRISPR screening identifies TMEM106B as a proviral host factor for SARS-CoV-2. <i>Nature Genetics</i> , 2021, 53, 435-444.	9.4	162
42	Antiviral drug susceptibility of human herpesvirus 8. <i>Antimicrobial Agents and Chemotherapy</i> , 1997, 41, 2754-2756.	1.4	161
43	Recommendations for enterovirus diagnostics and characterisation within and beyond Europe. <i>Journal of Clinical Virology</i> , 2018, 101, 11-17.	1.6	161
44	Calcineurin Inhibitors Stimulate and Mycophenolic Acid Inhibits Replication of Hepatitis E Virus. <i>Gastroenterology</i> , 2014, 146, 1775-1783.	0.6	158
45	Antiviral agents active against human herpesviruses HHV-6, HHV-7 and HHV-8. <i>Reviews in Medical Virology</i> , 2001, 11, 381-395.	3.9	157
46	New opportunities for field research on the pathogenesis and treatment of Lassa fever. <i>Antiviral Research</i> , 2008, 78, 103-115.	1.9	156
47	DEB025 (Alisporivir) Inhibits Hepatitis C Virus Replication by Preventing a Cyclophilin A Induced Cis-Trans Isomerisation in Domain II of NS5A. <i>PLoS ONE</i> , 2010, 5, e13687.	1.1	151
48	A single-dose live-attenuated YF17D-vectored SARS-CoV-2 vaccine candidate. <i>Nature</i> , 2021, 590, 320-325.	13.7	148
49	Synthesis and Antiviral Activity Evaluation of Some New Aminoadamantane Derivatives. 2. <i>Journal of Medicinal Chemistry</i> , 1996, 39, 3307-3318.	2.9	144
50	Viral Macro Domains Reverse Protein ADP-Ribosylation. <i>Journal of Virology</i> , 2016, 90, 8478-8486.	1.5	140
51	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> , 1998, 42, 216-222.	1.4	136
52	Perspectives for the Treatment of Infections with Flaviviridae. <i>Clinical Microbiology Reviews</i> , 2000, 13, 67-82.	5.7	134
53	Combating enterovirus replication: State-of-the-art on antiviral research. <i>Biochemical Pharmacology</i> , 2012, 83, 185-192.	2.0	133
54	Perspectives for the Treatment of Infections with <i>Flaviviridae</i>. <i>Clinical Microbiology Reviews</i> , 2000, 13, 67-82.	5.7	130

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55	Spiro[pyrrolidine-2,2'-adamantanes]: synthesis, anti-influenza virus activity and conformational properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 1699-1703.	1.0	129
56	Treatment of Crimean-Congo hemorrhagic fever. <i>Antiviral Research</i> , 2008, 78, 125-131.	1.9	127
57	Inherited IFNAR1 deficiency in otherwise healthy patients with adverse reaction to measles and yellow fever live vaccines. <i>Journal of Experimental Medicine</i> , 2019, 216, 2057-2070.	4.2	127
58	Ribavirin Inhibits <i>In Vitro</i> Hepatitis E Virus Replication through Depletion of Cellular GTP Pools and Is Moderately Synergistic with Alpha Interferon. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 267-273.	1.4	126
59	Inhibition of the replication of the DNA polymerase M550V mutation variant of human hepatitis B virus by adefovir, tenofovir, L-FMAU, DAPD, penciclovir and lobucavir. <i>Journal of Viral Hepatitis</i> , 2000, 7, 161-165.	1.0	125
60	Treatment of hantavirus pulmonary syndrome. <i>Antiviral Research</i> , 2008, 78, 162-169.	1.9	123
61	Favipiravir (T-705) inhibits <i>in vitro</i> norovirus replication. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 777-780.	1.0	122
62	Debio 025, a Cyclophilin Binding Molecule, Is Highly Efficient in Clearing Hepatitis C Virus (HCV) Replicon-Containing Cells When Used Alone or in Combination with Specifically Targeted Antiviral Therapy for HCV (STAT-C) Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 967-976.	1.4	121
63	Ultralarge Virtual Screening Identifies SARS-CoV-2 Main Protease Inhibitors with Broad-Spectrum Activity against Coronaviruses. <i>Journal of the American Chemical Society</i> , 2022, 144, 2905-2920.	6.6	118
64	Molecular strategies to inhibit the replication of RNA viruses. <i>Antiviral Research</i> , 2008, 78, 9-25.	1.9	117
65	Study of hepatitis E virus infection of genotype 1 and 3 in mice with humanised liver. <i>Gut</i> , 2017, 66, 920-929.	6.1	113
66	Coumarin <sup>3</sup> Purine Ribofuranoside Conjugates as New Agents against Hepatitis C Virus. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2114-2126.	2.9	112
67	Bioactive Natural Products Prioritization Using Massive Multi-informational Molecular Networks. <i>ACS Chemical Biology</i> , 2017, 12, 2644-2651.	1.6	112
68	A robust human norovirus replication model in zebrafish larvae. <i>PLoS Pathogens</i> , 2019, 15, e1008009.	2.1	112
69	Coxsackievirus mutants that can bypass host factor PI4KIII <sup>2</sup> and the need for high levels of PI4P lipids for replication. <i>Cell Research</i> , 2012, 22, 1576-1592.	5.7	110
70	Heterocyclic rimantadine analogues with antiviral activity. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3341-3348.	1.4	109
71	Efficacy of (S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine for the treatment of lethal vaccinia virus infections in severe combined immune deficiency (SCID) mice. <i>Journal of Medical Virology</i> , 1993, 41, 242-246.	2.5	108
72	Cyclosporine A inhibits hepatitis C virus nonstructural protein 2 through cyclophilin A. <i>Hepatology</i> , 2009, 50, 1638-1645.	3.6	108

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73	Antibody-mediated broad sarbecovirus neutralization through ACE2 molecular mimicry. <i>Science</i> , 2022, 375, 449-454.	6.0	108
74	Poly(I)-Poly(C 12 U) but Not Ribavirin Prevents Death in a Hamster Model of Nipah Virus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1768-1772.	1.4	107
75	Antiviral Agents Acting as DNA or RNA Chain Terminators. <i>Handbook of Experimental Pharmacology</i> , 2009, , 53-84.	0.9	107
76	Use of the yellow fever virus vaccine strain 17D for the study of strategies for the treatment of yellow fever virus infections. <i>Antiviral Research</i> , 1996, 30, 125-132.	1.9	106
77	Inhibition of Human Immunodeficiency Virus Type 1 Replication in Human Cells by Debio-025, a Novel Cyclophilin Binding Agent. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1302-1317.	1.4	106
78	Statins potentiate the <i>in vitro</i> anti-hepatitis C virus activity of selective hepatitis C virus inhibitors and delay or prevent resistance development. <i>Hepatology</i> , 2009, 50, 6-16.	3.6	104
79	Extrahepatic replication and infection of hepatitis E virus in neuronal-derived cells. <i>Journal of Viral Hepatitis</i> , 2016, 23, 512-521.	1.0	104
80	The omicron (B.1.1.529) SARS-CoV-2 variant of concern does not readily infect Syrian hamsters. <i>Antiviral Research</i> , 2022, 198, 105253.	1.9	104
81	Comparing infectivity and virulence of emerging SARS-CoV-2 variants in Syrian hamsters. <i>EBioMedicine</i> , 2021, 68, 103403.	2.7	102
82	Ribavirin for the treatment of chronic hepatitis C virus infection: a review of the proposed mechanisms of action. <i>Current Opinion in Virology</i> , 2011, 1, 590-598.	2.6	101
83	Identification of Inhibitors of SARS-CoV-2 3CL-Pro Enzymatic Activity Using a Small Molecule in Vitro Repurposing Screen. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1096-1110.	2.5	101
84	Inhibition of Urokinase-Type Plasminogen Activator or Matrix Metalloproteinases Prevents Cardiac Injury and Dysfunction During Viral Myocarditis. <i>Circulation</i> , 2006, 114, 565-573.	1.6	100
85	Hepatitis E virus mutations associated with ribavirin treatment failure result in altered viral fitness and ribavirin sensitivity. <i>Journal of Hepatology</i> , 2016, 65, 499-508.	1.8	99
86	A Novel, Broad-Spectrum Inhibitor of Enterovirus Replication That Targets Host Cell Factor Phosphatidylinositol 4-Kinase III $\beta$ . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4971-4981.	1.4	96
87	Modulation of Fibroblast Growth Factor-2 Receptor Binding, Signaling, and Mitogenic Activity by Heparin-Mimicking Polysulfonated Compounds. <i>Molecular Pharmacology</i> , 1999, 56, 204-213.	1.0	95
88	The microRNA-221/222 cluster balances the antiviral and inflammatory response in viral myocarditis. <i>European Heart Journal</i> , 2015, 36, 2909-2919.	1.0	95
89	Molnupiravir Inhibits Replication of the Emerging SARS-CoV-2 Variants of Concern in a Hamster Infection Model. <i>Journal of Infectious Diseases</i> , 2021, 224, 749-753.	1.9	95
90	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> , 1990, 179, 41-50.	1.1	92

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91	3C Protease of Enterovirus 68: Structure-Based Design of Michael Acceptor Inhibitors and Their Broad-Spectrum Antiviral Effects against Picornaviruses. <i>Journal of Virology</i> , 2013, 87, 4339-4351.	1.5	91
92	The combined treatment of Molnupiravir and Favipiravir results in a potentiation of antiviral efficacy in a SARS-CoV-2 hamster infection model. <i>EBioMedicine</i> , 2021, 72, 103595.	2.7	91
93	Human pluripotent stem cell-derived hepatocytes support complete replication of hepatitis C virus. <i>Journal of Hepatology</i> , 2012, 57, 246-251.	1.8	90
94	A pan-serotype dengue virus inhibitor targeting the NS3-NS4B interaction. <i>Nature</i> , 2021, 598, 504-509.	13.7	90
95	Mechanistic Characterization of GS-9190 (Tegobuvir), a Novel Nonnucleoside Inhibitor of Hepatitis C Virus NS5B Polymerase. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4196-4203.	1.4	88
96	The viral capping enzyme nsP1: a novel target for the inhibition of chikungunya virus infection. <i>Scientific Reports</i> , 2016, 6, 31819.	1.6	88
97	The Crystal Structure of Coxsackievirus B3 RNA-Dependent RNA Polymerase in Complex with Its Protein Primer VPg Confirms the Existence of a Second VPg Binding Site on <i>Picornaviridae</i> Polymerases. <i>Journal of Virology</i> , 2008, 82, 9577-9590.	1.5	87
98	Prostratin and 12-O-Tetradecanoylphorbol 13-Acetate Are Potent and Selective Inhibitors of Chikungunya Virus Replication. <i>Journal of Natural Products</i> , 2012, 75, 2183-2187.	1.5	87
99	Computer-aided identification, design and synthesis of a novel series of compounds with selective antiviral activity against chikungunya virus. <i>Antiviral Research</i> , 2013, 98, 12-18.	1.9	87
100	Identification of a new dengue virus inhibitor that targets the viral NS4B protein and restricts genomic RNA replication. <i>Antiviral Research</i> , 2013, 99, 165-171.	1.9	86
101	Flaviviral NS4b, chameleon and jack roles in viral replication and pathogenesis, and a molecular target for antiviral intervention. <i>Reviews in Medical Virology</i> , 2015, 25, 205-223.	3.9	86
102	The oral protease inhibitor (PF-07321332) protects Syrian hamsters against infection with SARS-CoV-2 variants of concern. <i>Nature Communications</i> , 2022, 13, 719.	5.8	86
103	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> , 1990, 1, 233-240.	0.3	85
104	The Viral Polymerase Inhibitor 2'-C-Methylcytidine Inhibits Norwalk Virus Replication and Protects against Norovirus-Induced Diarrhea and Mortality in a Mouse Model. <i>Journal of Virology</i> , 2013, 87, 11798-11805.	1.5	85
105	ACE2-binding exposes the SARS-CoV-2 fusion peptide to broadly neutralizing coronavirus antibodies. <i>Science</i> , 2022, 377, 735-742.	6.0	85
106	Towards antivirals against chikungunya virus. <i>Antiviral Research</i> , 2015, 121, 59-68.	1.9	84
107	Oligonucleotide antiviral therapeutics: Antisense and RNA interference for highly pathogenic RNA viruses. <i>Antiviral Research</i> , 2008, 78, 26-36.	1.9	83
108	Synergy of entry inhibitors with direct-acting antivirals uncovers novel combinations for prevention and treatment of hepatitis C. <i>Gut</i> , 2015, 64, 483-494.	6.1	83

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109	Antiviral activity of a sulphated polysaccharide from the red seaweed <i>nothogenia fastigiata</i> . <i>Biochemical Pharmacology</i> , 1994, 47, 2187-2192.	2.0	81
110	Selective Serotonin Reuptake Inhibitor Fluoxetine Inhibits Replication of Human Enteroviruses B and D by Targeting Viral Protein 2C. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1952-1956.	1.4	81
111	Selective inhibition of hepatitis B virus replication by RNA interference. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 482-484.	1.0	80
112	The Anti-Yellow Fever Virus Activity of Ribavirin Is Independent of Error-Prone Replication. <i>Molecular Pharmacology</i> , 2006, 69, 1461-1467.	1.0	80
113	Recent African strains of Zika virus display higher transmissibility and fetal pathogenicity than Asian strains. <i>Nature Communications</i> , 2021, 12, 916.	5.8	80
114	Antiviral Activity of Triazine Analogues of 1-(S)-[3-Hydroxy-2-(phosphonomethoxy)propyl]cytosine (Cidofovir) and Related Compounds. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1069-1077.	2.9	79
115	A Novel, Highly Selective Inhibitor of Pestivirus Replication That Targets the Viral RNA-Dependent RNA Polymerase. <i>Journal of Virology</i> , 2006, 80, 149-160.	1.5	78
116	Antimicrobial, Anthelmintic, and Antiviral Activity of Plants Traditionally Used for Treating Infectious Disease in the Similipal Biosphere Reserve, Odisha, India. <i>Frontiers in Pharmacology</i> , 2017, 8, 658.	1.6	78
117	Antiviral Activity of Bay 41-4109 on Hepatitis B Virus in Humanized Alb-uPA/SCID Mice. <i>PLoS ONE</i> , 2011, 6, e25096.	1.1	78
118	Animal models of highly pathogenic RNA viral infections: Hemorrhagic fever viruses. <i>Antiviral Research</i> , 2008, 78, 79-90.	1.9	77
119	Zika Virus Replicons for Drug Discovery. <i>EBioMedicine</i> , 2016, 12, 156-160.	2.7	77
120	Kobophenol A Inhibits Binding of Host ACE2 Receptor with Spike RBD Domain of SARS-CoV-2, a Lead Compound for Blocking COVID-19. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1793-1802.	2.1	77
121	Picornavirus non-structural proteins as targets for new anti-virals with broad activity. <i>Antiviral Research</i> , 2011, 89, 204-218.	1.9	76
122	Treatment of Marburg and Ebola hemorrhagic fevers: A strategy for testing new drugs and vaccines under outbreak conditions. <i>Antiviral Research</i> , 2008, 78, 150-161.	1.9	75
123	The main Hepatitis B virus (HBV) mutants resistant to nucleoside analogs are susceptible in vitro to non-nucleoside inhibitors of HBV replication. <i>Antiviral Research</i> , 2011, 92, 271-276.	1.9	75
124	Therapeutic potential of nucleoside/nucleotide analogues against poxvirus infections. <i>Reviews in Medical Virology</i> , 2004, 14, 289-300.	3.9	74
125	A Derivate of the Antibiotic Doxorubicin Is a Selective Inhibitor of Dengue and Yellow Fever Virus Replication <i>In Vitro</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 5269-5280.	1.4	72
126	Phosphatidylinositol 4-Kinase III Beta Is Essential for Replication of Human Rhinovirus and Its Inhibition Causes a Lethal Phenotype <i>In Vivo</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3358-3368.	1.4	72



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127	Synthesis and Anti-BVDV Activity of Acridones As New Potential Antiviral Agents1. Journal of Medicinal Chemistry, 2006, 49, 2621-2627.	2.9	71
128	Antiviral 2,5-disubstituted imidazo[4,5-c]pyridines: From anti-pestivirus to anti-hepatitis C virus activity. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 390-393.	1.0	71
129	The Thiazolobenzimidazole TBZE-029 Inhibits Enterovirus Replication by Targeting a Short Region Immediately Downstream from Motif C in the Nonstructural Protein 2C. Journal of Virology, 2008, 82, 4720-4730.	1.5	71
130	A novel kindred with inherited STAT2 deficiency and severe viral illness. Journal of Allergy and Clinical Immunology, 2017, 139, 1995-1997.e9.	1.5	71
131	Mycophenolic acid, an immunosuppressive agent, inhibits HBV replication in vitro. Journal of Viral Hepatitis, 1999, 6, 229-236.	1.0	70
132	Novel 1,2,4-triazole and imidazole derivatives of l-ascorbic and imino-ascorbic acid: Synthesis, anti-HCV and antitumor activity evaluations. Bioorganic and Medicinal Chemistry, 2012, 20, 3675-3685.	1.4	70
133	Design, synthesis and evaluation of a series of acyclic fleximer nucleoside analogues with anti-coronavirus activity. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2923-2926.	1.0	70
134	Genome sequence analysis of Tamana bat virus and its relationship with the genus Flavivirus. Journal of General Virology, 2002, 83, 2443-2454.	1.3	69
135	Evaluation of Hexadecyloxypropyl-9- <i>R</i> -[2-(Phosphonomethoxy)Propyl]- Adenine, CMX157, as a Potential Treatment for Human Immunodeficiency Virus Type 1 and Hepatitis B Virus Infections. Antimicrobial Agents and Chemotherapy, 2007, 51, 3505-3509.	1.4	68
136	Mutations in the Nonstructural Protein 3A Confer Resistance to the Novel Enterovirus Replication Inhibitor TTP-8307. Antimicrobial Agents and Chemotherapy, 2009, 53, 1850-1857.	1.4	68
137	Tracking the Evolution of Multiple <i>In Vitro</i> Hepatitis C Virus Replicon Variants under Protease Inhibitor Selection Pressure by 454 Deep Sequencing. Journal of Virology, 2010, 84, 11124-11133.	1.5	68
138	Particular characteristics of the anti-human cytomegalovirus activity of (S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine (HPMPC) in vitro. Antiviral Research, 1991, 16, 41-52.	1.9	67
139	Antiviral treatment of chronic hepatitis B virus infections: the past, the present and the future. Reviews in Medical Virology, 2008, 18, 19-34.	3.9	67
140	Jatrophane Diterpenes as Inhibitors of Chikungunya Virus Replication: Structure-Activity Relationship and Discovery of a Potent Lead. Journal of Natural Products, 2014, 77, 1505-1512.	1.5	67
141	7-Deazaxanthine, a novel prototype inhibitor of thymidine phosphorylase. FEBS Letters, 1998, 438, 91-95.	1.3	66
142	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, 331-341.	0.4	66
143	In vitro susceptibility of six isolates of equine herpesvirus 1 to acyclovir, ganciclovir, cidofovir, adefovir, PMEDAP and foscarnet. Veterinary Microbiology, 2007, 122, 43-51.	0.8	66
144	The postbinding activity of scavenger receptor class B type I mediates initiation of hepatitis C virus infection and viral dissemination. Hepatology, 2013, 57, 492-504.	3.6	66

#	ARTICLE	IF	CITATIONS
145	Drug candidates and model systems in respiratory syncytial virus antiviral drug discovery. <i>Biochemical Pharmacology</i> , 2017, 127, 1-12.	2.0	66
146	Potential Use of Antiviral Agents in Polio Eradication. <i>Emerging Infectious Diseases</i> , 2008, 14, 545-551.	2.0	65
147	Efficacy of Cidofovir in a Murine Model of Disseminated Progressive Vaccinia. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 2267-2273.	1.4	64
148	Hemin potentiates the anti-hepatitis C virus activity of the antimalarial drug artemisinin. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 139-144.	1.0	64
149	Antiviral activity of carbohydrate-binding agents and the role of DC-SIGN in dengue virus infection. <i>Virology</i> , 2009, 387, 67-75.	1.1	64
150	Efficacy of (S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine and 9-(1,3-dihydroxy-2-propoxymethyl)guanine for the treatment of murine cytomegalovirus infection in severe combined immunodeficiency mice. <i>Journal of Medical Virology</i> , 1992, 37, 67-71.	2.5	62
151	Lamivudine, adefovir and tenofovir exhibit long-lasting anti-hepatitis B virus activity in cell culture. <i>Journal of Viral Hepatitis</i> , 2000, 7, 79-83.	1.0	62
152	Antiviral Activity of Diterpene Esters on Chikungunya Virus and HIV Replication. <i>Journal of Natural Products</i> , 2015, 78, 1277-1283.	1.5	62
153	Understanding the Mechanism of the Broad-Spectrum Antiviral Activity of Favipiravir (T-705): Key Role of the F1 Motif of the Viral Polymerase. <i>Journal of Virology</i> , 2017, 91, .	1.5	62
154	Synthesis and antiviral activity of an imidazo[1,2-a]pyrrolo[2,3-c]pyridine series against the bovine viral diarrhea virus. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2044-2047.	2.6	61
155	The role of phosphatidylinositol 4-kinases and phosphatidylinositol 4-phosphate during viral replication. <i>Biochemical Pharmacology</i> , 2012, 84, 1400-1408.	2.0	61
156	Coumarins hinged directly on benzimidazoles and their ribofuranosides to inhibit hepatitis C virus. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 290-298.	2.6	61
157	Advances and gaps in SARS-CoV-2 infection models. <i>PLoS Pathogens</i> , 2022, 18, e1010161.	2.1	61
158	Novel 3-(2-Adamantyl)pyrrolidines with potent activity against influenza A virus—identification of aminoadamantane derivatives bearing two pharmacophoric amine groups. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 2137-2142.	1.0	60
159	ACYCLIC/CARBOCYCLIC GUANOSINE ANALOGUES AS ANTI-HERPESVIRUS AGENTS. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 271-285.	0.4	60
160	A case for developing antiviral drugs against polio. <i>Antiviral Research</i> , 2008, 79, 179-187.	1.9	60
161	Identification of [1,2,3]Triazolo[4,5-d<i>H</i>]pyrimidin-7(6<i>H</i>)-ones as Novel Inhibitors of Chikungunya Virus Replication. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4000-4008.	2.9	60
162	The Capsid Binder Vapendavir and the Novel Protease Inhibitor SG85 Inhibit Enterovirus 71 Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6990-6992.	1.4	60

#	ARTICLE	IF	CITATIONS
163	Hepatitis C Virus Infection of Neuroepithelioma Cell Lines. <i>Gastroenterology</i> , 2010, 139, 1365-1374.e2.	0.6	59
164	Inhibition of norovirus replication by the nucleoside analogue 2â€²-C-methylcytidine. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 796-800.	1.0	59
165	Broad-range inhibition of enterovirus replication by OSW-1, a natural compound targeting OSBP. <i>Antiviral Research</i> , 2015, 117, 110-114.	1.9	59
166	Increased ILâ€¹0â€²-producing regulatory T cells are characteristic of severe cases of COVIDâ€¹9. <i>Clinical and Translational Immunology</i> , 2020, 9, e1204.	1.7	59
167	Avian influenza A (H5N1) infection: targets and strategies for chemotherapeutic intervention. <i>Trends in Pharmacological Sciences</i> , 2007, 28, 280-285.	4.0	57
168	Genomics and structure/function studies of Rhabdoviridae proteins involved in replication and transcription. <i>Antiviral Research</i> , 2010, 87, 149-161.	1.9	57
169	Synthesis and evaluation of imidazole-4,5- and pyrazine-2,3-dicarboxamides targeting dengue and yellow fever virus. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 529-539.	2.6	57
170	Broad Antiviral Activity of Carbohydrate-Binding Agents against the Four Serotypes of Dengue Virus in Monocyte-Derived Dendritic Cells. <i>PLoS ONE</i> , 2011, 6, e21658.	1.1	57
171	Therapy and short-term prophylaxis of poxvirus infections: historical background and perspectives. <i>Antiviral Research</i> , 2003, 57, 25-33.	1.9	56
172	Ribavirin Antagonizes the In Vitro Anti-Hepatitis C Virus Activity of 2â€²- C -Methylcytidine, the Active Component of Valopicitabine. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 3444-3446.	1.4	56
173	Discovery of Novel Arylethynyltriazole Ribonucleosides with Selective and Effective Antiviral and Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1144-1155.	2.9	56
174	Antiviral Treatment of Chronic Hepatitis B Virus (HBV) Infections. <i>Viruses</i> , 2010, 2, 1279-1305.	1.5	56
175	The future of antivirals. <i>Current Opinion in Infectious Diseases</i> , 2015, 28, 596-602.	1.3	56
176	Interferons, Interferon Inducers, and Interferon-Ribavirin in Treatment of Flavivirus-Induced Encephalitis in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 777-782.	1.4	55
177	The Interferon Inducer Ampligen [Poly(I)-Poly(C 12 U)] Markedly Protects Mice against Coxsackie B3 Virus-Induced Myocarditis. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 267-274.	1.4	55
178	Antiviral strategies to control calicivirus infections. <i>Antiviral Research</i> , 2010, 87, 162-178.	1.9	55
179	Depletion of GTP pool is not the predominant mechanism by which ribavirin exerts its antiviral effect on Lassa virus. <i>Antiviral Research</i> , 2011, 91, 89-93.	1.9	55
180	The RNA Template Channel of the RNA-Dependent RNA Polymerase as a Target for Development of Antiviral Therapy of Multiple Genera within a Virus Family. <i>PLoS Pathogens</i> , 2015, 11, e1004733.	2.1	55

#	ARTICLE	IF	CITATIONS
181	Inhibition of Subgenomic Hepatitis C Virus RNA Replication by Acridone Derivatives: Identification of an NS3 Helicase Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3354-3365.	2.9	54
182	Comparative Study of the Genetic Barriers and Pathways towards Resistance of Selective Inhibitors of Hepatitis C Virus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4103-4113.	1.4	54
183	Antiviral Activity of Broad-Spectrum and Enterovirus-Specific Inhibitors against Clinical Isolates of Enterovirus D68. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7782-7785.	1.4	54
184	Inhibition of human norovirus by a viral polymerase inhibitor in the B cell culture system and in the mouse model. <i>Antiviral Research</i> , 2016, 132, 46-49.	1.9	54
185	A chemiluminescence detection method of hantaviral antigens in neutralisation assays and inhibitor studies. <i>Journal of Virological Methods</i> , 2001, 96, 17-23.	1.0	53
186	Preclinical Characterization of Naturally Occurring Polyketide Cyclophilin Inhibitors from the Sanglifehrin Family. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1975-1981.	1.4	53
187	2- $\beta$ -C-Methylcytidine as a potent and selective inhibitor of the replication of foot-and-mouth disease virus. <i>Antiviral Research</i> , 2007, 73, 161-168.	1.9	52
188	Discovery of Multitarget Antivirals Acting on Both the Dengue Virus NS5-NS3 Interaction and the Host Src/Fyn Kinases. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4964-4975.	2.9	52
189	Design, Synthesis, and Biological Evaluation of Peptidomimetic Aldehydes as Broad-Spectrum Inhibitors against Enterovirus and SARS-CoV-2. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2794-2808.	2.9	52
190	Phosphorylation of aciclovir, ganciclovir, penciclovir and S2242 by the cytomegalovirus UL97 protein: a quantitative analysis using recombinant vaccinia viruses. <i>Antiviral Research</i> , 1997, 36, 35-42.	1.9	51
191	Hydrogels containing monocaprin prevent intravaginal and intracutaneous infections with HSV-2 in mice: Impact on the search for vaginal microbicides. , 2000, 61, 107-110.		51
192	Hepatitis B virus replication causes oxidative stress in HepAD38 liver cells. <i>Molecular and Cellular Biochemistry</i> , 2006, 290, 79-85.	1.4	51
193	Arylethynyltriazole acyclonucleosides inhibit hepatitis C virus replication. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3321-3327.	1.0	51
194	Artemisinin Analogues as Potent Inhibitors of In Vitro Hepatitis C Virus Replication. <i>PLoS ONE</i> , 2013, 8, e81783.	1.1	51
195	Molecular Chaperone Hsp90 Is a Therapeutic Target for Noroviruses. <i>Journal of Virology</i> , 2015, 89, 6352-6363.	1.5	51
196	Stem cell-derived hepatocytes: A novel model for hepatitis E virus replication. <i>Journal of Hepatology</i> , 2016, 64, 565-573.	1.8	51
197	Efficacy of 2-Amino-7-(1,3-Dihydroxy-2-Propoxymethyl)Purine for Treatment of Vaccinia Virus (Orthopoxvirus) Infections in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 84-87.	1.4	50
198	Heterocyclic rimantadine analogues with antiviral activity. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 5485-5492.	1.4	50

#	ARTICLE	IF	CITATIONS
199	Selective inhibitors of hepatitis C virus replication. <i>Antiviral Research</i> , 2006, 71, 363-371.	1.9	50
200	Ester Prodrugs of Cyclic 1-( <i>S</i> )-[3-Hydroxy-2-(phosphonomethoxy)propyl]-5-azacytosine: Synthesis and Antiviral Activity. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5765-5772.	2.9	50
201	Tigliane diterpenes from <i>Croton mauritianus</i> as inhibitors of chikungunya virus replication. <i>FÄ-toterapÄ-Äç</i> , 2014, 97, 87-91.	1.1	50
202	Broad-Spectrum Antiviral Activity and Mechanism of Antiviral Action of the Fluoroquinolone Derivative K-12. <i>Antiviral Chemistry and Chemotherapy</i> , 1998, 9, 403-411.	0.3	49
203	In Vitro and In Vivo Inhibition of Murine Gamma Herpesvirus 68 Replication by Selected Antiviral Agents. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 170-172.	1.4	49
204	Synthesis, in Vitro Antiviral Evaluation, and Stability Studies of Novel $\hat{\pm}$ -Borano-Nucleotide Analogues of 9-[2-(Phosphonomethoxy)ethyl]adenine and (R)-9-[2-(Phosphonomethoxy)propyl]adenine. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7799-7806.	2.9	49
205	Norovirus: Targets and tools in antiviral drug discovery. <i>Biochemical Pharmacology</i> , 2014, 91, 1-11.	2.0	49
206	Towards antiviral therapies for treating dengue virus infections. <i>Current Opinion in Pharmacology</i> , 2016, 30, 1-7.	1.7	49
207	Differential antiviral activity of derivatized dextrans. <i>Biochemical Pharmacology</i> , 1995, 50, 743-751.	2.0	48
208	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> , 1998, 41, 4927-4932.	2.9	48
209	A Novel Model for the Study of the Therapy of Flavivirus Infections Using the Modoc Virus. <i>Virology</i> , 2001, 279, 27-37.	1.1	48
210	Novel Acyclic Nucleoside Phosphonate Analogues with Potent Anti-Hepatitis B Virus Activities. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1177-1180.	1.4	48
211	Does antiviral therapy have a role in the control of Japanese encephalitis?. <i>Antiviral Research</i> , 2008, 78, 140-149.	1.9	48
212	Straightforward synthesis of triazoloacyclonucleotide phosphonates as potential HCV inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 7365-7368.	1.0	47
213	A prospect on the use of antiviral drugs to control local outbreaks of COVID-19. <i>BMC Medicine</i> , 2020, 18, 191.	2.3	47
214	A robust SARS-CoV-2 replication model in primary human epithelial cells at the air liquid interface to assess antiviral agents. <i>Antiviral Research</i> , 2021, 192, 105122.	1.9	47
215	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> , 1994, 38, 2710-2716.	1.4	46
216	Inhibitory Effects of Novel Nucleoside and Nucleotide Analogues on Epstein-Barr Virus Replication. <i>Antiviral Chemistry and Chemotherapy</i> , 1998, 9, 275-282.	0.3	46

#	ARTICLE	IF	CITATIONS
217	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> , 2002, 55, 413-424.	1.9	46
218	Complete Genome Sequence, Taxonomic Assignment, and Comparative Analysis of the Untranslated Regions of the Modoc Virus, a Flavivirus with No Known Vector. <i>Virology</i> , 2002, 293, 125-140.	1.1	46
219	A Single-Dose Live-Attenuated Zika Virus Vaccine with Controlled Infection Rounds that Protects against Vertical Transmission. <i>Cell Host and Microbe</i> , 2018, 24, 487-499.e5.	5.1	46
220	Effect of 5-Iodo-2-Deoxyuridine on Vaccinia Virus (Orthopoxvirus) Infections in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 2842-2847.	1.4	45
221	Towards the design of combination therapy for the treatment of enterovirus infections. <i>Antiviral Research</i> , 2011, 90, 213-217.	1.9	45
222	The Enterovirus Protease Inhibitor Rupintrivir Exerts Cross-Genotypic Anti-Norovirus Activity and Clears Cells from the Norovirus Replicon. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4675-4681.	1.4	45
223	Substituted imidazopyridines as potent inhibitors of HCV replication. <i>Journal of Hepatology</i> , 2009, 50, 999-1009.	1.8	44
224	Trigocherrierin A, a Potent Inhibitor of Chikungunya Virus Replication. <i>Molecules</i> , 2014, 19, 3617-3627.	1.7	44
225	Antiviral activity of [1,2,3]triazolo[4,5-d]pyrimidin-7(6H)-ones against chikungunya virus targeting the viral capping nsP1. <i>Antiviral Research</i> , 2017, 144, 216-222.	1.9	44
226	Antibacterial, Antifungal, Antiviral, and Anthelmintic Activities of Medicinal Plants of Nepal Selected Based on Ethnobotanical Evidence. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-14.	0.5	44
227	In Vitro Activity of 2,4-Diamino-6-[2-(Phosphonomethoxy)Ethoxy]-Pyrimidine against Multidrug-Resistant Hepatitis B Virus Mutants. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2240-2243.	1.4	43
228	The Imidazopyrrolopyridine Analogue AG110 Is a Novel, Highly Selective Inhibitor of Pestiviruses That Targets the Viral RNA-Dependent RNA Polymerase at a Hot Spot for Inhibition of Viral Replication. <i>Journal of Virology</i> , 2007, 81, 11046-11053.	1.5	43
229	Comparative In Vitro Anti-Hepatitis C Virus Activities of a Selected Series of Polymerase, Protease, and Helicase Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3433-3437.	1.4	43
230	The phosphoramidate ProTide approach greatly enhances the activity of 2-C-methylguanosine against hepatitis C virus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4316-4320.	1.0	43
231	Differential Effects of the Putative GBF1 Inhibitors Golgicide A and AG1478 on Enterovirus Replication. <i>Journal of Virology</i> , 2010, 84, 7535-7542.	1.5	43
232	An Analogue of the Antibiotic Teicoplanin Prevents Flavivirus Entry In Vitro. <i>PLoS ONE</i> , 2012, 7, e37244.	1.1	43
233	The Versatile Nature of the 6-Aminoquinolone Scaffold: Identification of Submicromolar Hepatitis C Virus NS5B Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1952-1963.	2.9	43
234	Structure-activity relationship study of arbidol derivatives as inhibitors of chikungunya virus replication. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6014-6025.	1.4	43

#	ARTICLE	IF	CITATIONS
235	Uncovering oxysterol-binding protein (OSBP) as a target of the anti-enteroviral compound TTP-8307. <i>Antiviral Research</i> , 2017, 140, 37-44.	1.9	43
236	Discovery of Indole Derivatives as Novel and Potent Dengue Virus Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8390-8401.	2.9	43
237	Emerging preclinical evidence does not support broad use of hydroxychloroquine in COVID-19 patients. <i>Nature Communications</i> , 2020, 11, 4253.	5.8	43
238	In vitro and in vivo inhibition of ortho- and paramyxovirus infections by a new class of sulfonic acid polymers interacting with virus-cell binding and/or fusion. <i>Antimicrobial Agents and Chemotherapy</i> , 1994, 38, 256-259.	1.4	42
239	Mycophenolate mofetil strongly potentiates the anti-herpesvirus activity of acyclovir. <i>Antiviral Research</i> , 1998, 40, 53-56.	1.9	42
240	Potential of antiviral therapy and prophylaxis for controlling RNA viral infections of livestock. <i>Antiviral Research</i> , 2008, 78, 170-178.	1.9	42
241	3-Biphenylimidazo[1,2-a]pyridines or [1,2-b]pyridazines and analogues, novel Flaviviridae inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 448-463.	2.6	42
242	Clinical practices underlie COVID-19 patient respiratory microbiome composition and its interactions with the host. <i>Nature Communications</i> , 2021, 12, 6243.	5.8	42
243	The antiviral agent cidofovir [(S)-1-(3-hydroxy-2-phosphonyl-methoxypropyl)cytosine] has pronounced activity against nasopharyngeal carcinoma grown in nude mice. <i>Cancer Research</i> , 1998, 58, 384-8.	0.4	42
244	Inhibitory activity of S-adenosylhomocysteine hydrolase inhibitors against human cytomegalovirus replication. <i>Antiviral Research</i> , 1993, 21, 197-216.	1.9	41
245	Antitumor Potential of Acyclic Nucleoside Phosphonates. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 759-771.	0.5	41
246	Evaluation of antiviral activity against human herpesvirus 8 (HHV-8) and Epstein-Barr virus (EBV) by a quantitative real-time PCR assay. <i>Antiviral Research</i> , 2004, 62, 121-123.	1.9	41
247	Discovery of a novel HCV helicase inhibitor by a de novo drug design approach. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2935-2937.	1.0	41
248	Pyridobenzothiazole derivatives as new chemotype targeting the HCV NS5B polymerase. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 866-876.	1.4	41
249	Replication of the Zika virus in different iPSC-derived neuronal cells and implications to assess efficacy of antivirals. <i>Antiviral Research</i> , 2017, 145, 82-86.	1.9	41
250	A yellow fever-Zika chimeric virus vaccine candidate protects against Zika infection and congenital malformations in mice. <i>Npj Vaccines</i> , 2018, 3, 56.	2.9	41
251	CCL20, a direct-acting pro-angiogenic chemokine induced by hepatitis C virus (HCV): Potential role in HCV-related liver cancer. <i>Experimental Cell Research</i> , 2018, 372, 168-177.	1.2	41
252	The HCV Non-Nucleoside Inhibitor Tegobuvir Utilizes a Novel Mechanism of Action to Inhibit NS5B Polymerase Function. <i>PLoS ONE</i> , 2012, 7, e39163.	1.1	41

#	ARTICLE	IF	CITATIONS
253	An affinity-enhanced, broadly neutralizing heavy chain-only antibody protects against SARS-CoV-2 infection in animal models. <i>Science Translational Medicine</i> , 2021, 13, eabi7826.	5.8	41
254	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> , 1993, 12, 269-279.	1.3	40
255	Are the 2-Isomers of the Drug Rimantadine Active Anti-Influenza A Agents?. <i>Antiviral Chemistry and Chemotherapy</i> , 2003, 14, 153-164.	0.3	40
256	Highly pathogenic RNA viral infections: Challenges for antiviral research. <i>Antiviral Research</i> , 2008, 78, 1-8.	1.9	40
257	Structure-Based Discovery of Pyrazolobenzothiazine Derivatives As Inhibitors of Hepatitis C Virus Replication. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2270-2282.	2.9	40
258	Hepatitis E virus replication and interferon responses in human placental cells. <i>Hepatology Communications</i> , 2018, 2, 173-187.	2.0	40
259	Complete genome sequence of Montana Myotis leukoencephalitis virus, phylogenetic analysis and comparative study of the 3' untranslated region of flaviviruses with no known vector. <i>Journal of General Virology</i> , 2002, 83, 1875-1885.	1.3	40
260	Anti-enterovirus activity and structure-activity relationship of a series of 2,6-dihalophenyl-substituted 1H,3H-thiazolo[3,4-a]benzimidazoles. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 628-632.	1.0	39
261	Antiviral strategies for hepatitis E virus. <i>Antiviral Research</i> , 2014, 102, 106-118.	1.9	39
262	Antiviral Activity of Flexibilane and Tiglane Diterpenoids from <i>Stillingia lineata</i> . <i>Journal of Natural Products</i> , 2015, 78, 1119-1128.	1.5	39
263	Antiviral Activity of Favipiravir (T-705) against a Broad Range of Paramyxoviruses <i>In Vitro</i> and against Human Metapneumovirus in Hamsters. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4620-4629.	1.4	39
264	Chikungunya virus infections: time to act, time to treat. <i>Current Opinion in Virology</i> , 2017, 24, 25-30.	2.6	39
265	Medical treatment options for COVID-19. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 209-214.	0.4	39
266	A highly potent antibody effective against SARS-CoV-2 variants of concern. <i>Cell Reports</i> , 2021, 37, 109814.	2.9	39
267	Biosafety standards for working with Crimean-Congo hemorrhagic fever virus. <i>Journal of General Virology</i> , 2016, 97, 2799-2808.	1.3	39
268	Mechanism of action of acyclic nucleoside phosphonates against herpes virus replication. <i>Biochemical Pharmacology</i> , 1994, 47, 39-41.	2.0	38
269	Suboptimal Response to Adefovir Dipivoxil Therapy for Chronic Hepatitis B in Nucleoside-Naive Patients is not due to Pre-Existing Drug-Resistant Mutants. <i>Antiviral Therapy</i> , 2008, 13, 381-388.	0.6	38
270	Intervention strategies for emerging viruses: use of antivirals. <i>Current Opinion in Virology</i> , 2013, 3, 217-224.	2.6	37



#	ARTICLE	IF	CITATIONS
271	Binding of Glutathione to Enterovirus Capsids Is Essential for Virion Morphogenesis. <i>PLoS Pathogens</i> , 2014, 10, e1004039.	2.1	37
272	LC-MS2-Based dereplication of Euphorbia extracts with anti-Chikungunya virus activity. <i>FÃ-toterapÃ-Ãç</i> , 2015, 105, 202-209.	1.1	37
273	Isolation of Premyrsinane, Myrsinane, and Tiglane Diterpenoids from <i>Euphorbia pithyusa</i> Using a Chikungunya Virus Cell-Based Assay and Analogue Annotation by Molecular Networking. <i>Journal of Natural Products</i> , 2017, 80, 2051-2059.	1.5	37
274	Ribavirin and mycophenolic acid potentiate the activity of guanine- and diaminopurine-based nucleoside analogues against hepatitis B virus. <i>Antiviral Research</i> , 2000, 48, 117-124.	1.9	36
275	Influence of an additional 2-amino substituent of the 1-aminoethyl pharmacophore group on the potency of rimantadine against influenza virus A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 692-696.	1.0	36
276	Identification of a Series of Compounds with Potent Antiviral Activity for the Treatment of Enterovirus Infections. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 585-589.	1.3	36
277	Linear and branched alkyl-esters and amides of gallic acid and other (mono-, di- and tri-) hydroxy benzoyl derivatives as promising anti-HCV inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 656-671.	2.6	36
278	A novel druggable interprotomer pocket in the capsid of rhino- and enteroviruses. <i>PLoS Biology</i> , 2019, 17, e3000281.	2.6	36
279	Antiviral Therapy for Hepatitis C Virus: Beyond the Standard of Care. <i>Viruses</i> , 2010, 2, 826-866.	1.5	35
280	New Pyrazolobenzothiazine Derivatives as Hepatitis C Virus NS5B Polymerase Palm Site I Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 3247-3262.	2.9	35
281	Benzouracil-coumarin-arene conjugates as inhibiting agents for chikungunya virus. <i>Antiviral Research</i> , 2015, 118, 103-109.	1.9	35
282	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> , 1998, 53, 157-165.	1.0	34
283	Design, synthesis, optimization and antiviral activity of a class of hybrid dengue virus E protein inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1747-1752.	1.0	34
284	Synthetic strategy and antiviral evaluation of diamide containing heterocycles targeting dengue and yellow fever virus. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 158-168.	2.6	34
285	Discovery of novel multi-target indole-based derivatives as potent and selective inhibitors of chikungunya virus replication. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 327-337.	1.4	34
286	Poly(Hydroxy)Carboxylates as Selective Inhibitors of Cytomegalovirus and Herpes Simplex Virus Replication. <i>Antiviral Chemistry and Chemotherapy</i> , 1992, 3, 215-222.	0.3	33
287	Synthesis and Antiviral Evaluation of Cis-Substituted Cyclohexenyl and Cyclohexanyl Nucleosides. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 450-456.	2.9	33
288	Assessing medicinal plants traditionally used in the Chirang Reserve Forest, Northeast India for antimicrobial activity. <i>Journal of Ethnopharmacology</i> , 2018, 225, 220-233.	2.0	33

#	ARTICLE	IF	CITATIONS
289	Evaluation of SARS-CoV-2 3C-like protease inhibitors using self-assembled monolayer desorption ionization mass spectrometry. <i>Antiviral Research</i> , 2020, 182, 104924.	1.9	33
290	A novel animal model for hemangiomas: inhibition of hemangioma development by the angiogenesis inhibitor TNP-470. <i>Cancer Research</i> , 1999, 59, 2376-83.	0.4	33
291	Detection of immediate early, early and late antigens of human cytomegalovirus by flow cytometry. <i>Journal of Virological Methods</i> , 1989, 26, 247-254.	1.0	32
292	Efficacy of oral 9-(2-phosphonylmethoxyethyl)-2,6-diaminopurine (PMEDAP) in the treatment of retrovirus and cytomegalovirus infections in mice. <i>Journal of Medical Virology</i> , 1993, 39, 167-172.	2.5	32
293	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> , 1995, 39, 56-60.	1.4	32
294	Growth kinetics of SARS-coronavirus in Vero E6 cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 1147-1151.	1.0	32
295	Bioengineering and Semisynthesis of an Optimized Cyclophilin Inhibitor for Treatment of Chronic Viral Infection. <i>Chemistry and Biology</i> , 2015, 22, 285-292.	6.2	32
296	Antiplasmodial, anti-chikungunya virus and antioxidant activities of 64 endemic plants from the Mascarene Islands. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 622-628.	1.1	32
297	The Antiherpesvirus Activity of H2G [( <i>R</i> )-9-[4-Hydroxy-2-(Hydroxymethyl)Butyl]Guanine] Is Markedly Enhanced by the Novel Immunosuppressive Agent Mycophenolate Mofetil. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 3285-3289.	1.4	31
298	Design, synthesis, and biological evaluation of novel coxsackievirus B3 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4374-4384.	1.4	31
299	Molecular Biology and Inhibitors of Hepatitis A Virus. <i>Medicinal Research Reviews</i> , 2014, 34, 895-917.	5.0	31
300	Prophylactic treatment with the nucleoside analogue 2'-C-methylcytidine completely prevents transmission of norovirus. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 190-197.	1.3	31
301	The sulfonic acid polymers PAMPS [poly(2-acrylamido-2-methyl-1-propanesulfonic acid)] and related analogues are highly potent inhibitors of angiogenesis. <i>Oncology Research</i> , 1997, 9, 173-81.	0.6	31
302	Antiviral activity of anti-cytomegalovirus agents (HPMPC, HPMPA) assessed by a flow cytometric method and DNA hybridization technique. <i>Antiviral Research</i> , 1991, 16, 1-9.	1.9	30
303	Synthesis of Ester Prodrugs of 9-( <i>S</i> )-[3-Hydroxy-2-(phosphonomethoxy)propyl]-2,6-diaminopurine (HPMPDAP) as Anti-Poxvirus Agents. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6825-6837.	2.9	30
304	A novel method for high-throughput screening to quantify antiviral activity against viruses that induce limited CPE. <i>Journal of Virological Methods</i> , 2012, 183, 176-179.	1.0	30
305	Antiviral treatment efficiently inhibits chikungunya virus infection in the joints of mice during the acute but not during the chronic phase of the infection. <i>Antiviral Research</i> , 2018, 149, 113-117.	1.9	30
306	A Chimeric Japanese Encephalitis Vaccine Protects against Lethal Yellow Fever Virus Infection without Inducing Neutralizing Antibodies. <i>MBio</i> , 2020, 11, .	1.8	30

#	ARTICLE	IF	CITATIONS
307	ALG-097111, a potent and selective SARS-CoV-2 3-chymotrypsin-like cysteine protease inhibitor exhibits in vivo efficacy in a Syrian Hamster model. <i>Biochemical and Biophysical Research Communications</i> , 2021, 555, 134-139.	1.0	30
308	In vitro activity of itraconazole against SARS-CoV-2. <i>Journal of Medical Virology</i> , 2021, 93, 4454-4460.	2.5	30
309	Clinical effect of cidofovir and a diet supplemented with <i>Spirulina platensis</i> in white spot syndrome virus (WSSV) infected specific pathogen-free <i>Litopenaeus vannamei</i> juveniles. <i>Aquaculture</i> , 2006, 255, 600-605.	1.7	29
310	Synthesis of 5-aryltriazole ribonucleosides via Suzuki coupling and promoted by microwave irradiation. <i>Tetrahedron Letters</i> , 2006, 47, 6727-6731.	0.7	29
311	Application of the phosphoramidate ProTide approach to the antiviral drug ribavirin. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 2748-2755.	1.4	29
312	Crucial role of the N-glycans on the viral E-envelope glycoprotein in DC-SIGN-mediated dengue virus infection. <i>Antiviral Research</i> , 2012, 96, 280-287.	1.9	29
313	Modification of the length and structure of the linker of N6-benzyladenosine modulates its selective antiviral activity against enterovirus 71. <i>European Journal of Medicinal Chemistry</i> , 2016, 111, 84-94.	2.6	29
314	Use of Cotton Rats to Evaluate the Efficacy of Antivirals in Treatment of Measles Virus Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 1146-1152.	1.4	28
315	Substituted 5-benzyl-2-phenyl-5H-imidazo[4,5-c]pyridines: A new class of pestivirus inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5345-5349.	1.0	28
316	Comparisons of the influenza virus A M2 channel binding affinities, anti-influenza virus potencies and NMDA antagonistic activities of 2-alkyl-2-aminoadamantanes and analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6156-6160.	1.0	28
317	9-Arylpurines as a Novel Class of Enterovirus Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 316-324.	2.9	28
318	In search of flavivirus inhibitors: Evaluation of different tritylated nucleoside analogues. <i>European Journal of Medicinal Chemistry</i> , 2013, 65, 249-255.	2.6	28
319	3,5-Di-O-trityluridine inhibits in vitro flavivirus replication. <i>Antiviral Research</i> , 2013, 98, 242-247.	1.9	28
320	In vitro characterisation of a pleconaril/pirodavir-like compound with potent activity against rhinoviruses. <i>Virology Journal</i> , 2015, 12, 106.	1.4	28
321	Inhibition of Chikungunya Virus-Induced Cell Death by Salicylate-Derived Bryostatin Analogues Provides Additional Evidence for a PKC-Independent Pathway. <i>Journal of Natural Products</i> , 2016, 79, 680-684.	1.5	28
322	Antiviral Compounds from <i>Codiaeum peltatum</i> Targeted by a Multi-informative Molecular Networks Approach. <i>Journal of Natural Products</i> , 2019, 82, 330-340.	1.5	28
323	Potent inhibition of hemangiosarcoma development in mice by cidofovir. <i>International Journal of Cancer</i> , 2001, 92, 161-167.	2.3	27
324	Mycophenolate mofetil inhibits the development of Coxsackie B3-virus-induced myocarditis in mice. <i>BMC Microbiology</i> , 2003, 3, 25.	1.3	27

#	ARTICLE	IF	CITATIONS
325	Hepatitis C Virus-Specific Directly Acting Antiviral Drugs. <i>Current Topics in Microbiology and Immunology</i> , 2013, 369, 289-320.	0.7	27
326	A novel benzonitrile analogue inhibits rhinovirus replication. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2723-2732.	1.3	27
327	Synthesis and in vitro antiviral evaluation of 4-substituted 3,4-dihydropyrimidinones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 139-142.	1.0	27
328	Aminopurine and aminoquinazoline scaffolds for development of potential dengue virus inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 101-109.	2.6	27
329	Favipiravir inhibits in vitro Usutu virus replication and delays disease progression in an infection model in mice. <i>Antiviral Research</i> , 2018, 160, 137-142.	1.9	27
330	GloPID-R report on Chikungunya, O'nyong-nyong and Mayaro virus, part I: Biological diagnostics. <i>Antiviral Research</i> , 2019, 166, 66-81.	1.9	27
331	Broad spectrum anti-coronavirus activity of a series of anti-malaria quinoline analogues. <i>Antiviral Research</i> , 2021, 193, 105127.	1.9	27
332	Imidazo[4,5-c]pyridines inhibit the in vitro replication of the classical swine fever virus and target the viral polymerase. <i>Antiviral Research</i> , 2008, 77, 114-119.	1.9	26
333	The VIZIER project: Preparedness against pathogenic RNA viruses. <i>Antiviral Research</i> , 2008, 78, 37-46.	1.9	26
334	A pyrazolotriazolopyrimidinamine inhibitor of bovine viral diarrhea virus replication that targets the viral RNA-dependent RNA polymerase. <i>Antiviral Research</i> , 2009, 82, 141-147.	1.9	26
335	Computer-aided identification, synthesis and evaluation of substituted thienopyrimidines as novel inhibitors of HCV replication. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 31-47.	2.6	26
336	Structure-Based Drug Design of Potent Pyrazole Derivatives against Rhinovirus Replication. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8402-8416.	2.9	26
337	Viral engagement with host receptors blocked by a novel class of tryptophan dendrimers that targets the 5-fold-axis of the enterovirus-A71 capsid. <i>PLoS Pathogens</i> , 2019, 15, e1007760.	2.1	26
338	Infection of SCID mice with Montana Myotis leukoencephalitis virus as a model for flavivirus encephalitis. <i>Journal of General Virology</i> , 2002, 83, 1887-1896.	1.3	26
339	The acyclic nucleoside phosphonate analogues, adefovir, tenofovir and PMEDAP, efficiently eliminate banana streak virus from banana ( <i>Musa spp.</i> ). <i>Antiviral Research</i> , 2003, 59, 121-126.	1.9	25
340	Exchanging the Yellow Fever Virus Envelope Proteins with Modoc Virus prM and E Proteins Results in a Chimeric Virus That Is Neuroinvasive in SCID Mice. <i>Journal of Virology</i> , 2004, 78, 7418-7426.	1.5	25
341	In search of Flavivirus inhibitors part 2: Tritylated, diphenylmethylated and other alkylated nucleoside analogues. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 98-109.	2.6	25
342	New 1-phenyl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides inhibit hepatitis C virus replication via suppression of cyclooxygenase-2. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 497-506.	2.6	25

#	ARTICLE	IF	CITATIONS
343	ZikaPLAN: Zika Preparedness Latin American Network. <i>Global Health Action</i> , 2017, 10, 1398485.	0.7	25
344	HCV-induced EGFR-ERK signaling promotes a pro-inflammatory and pro-angiogenic signature contributing to liver cancer pathogenesis. <i>Biochemical Pharmacology</i> , 2018, 155, 305-315.	2.0	25
345	Reverse engineering synthetic antiviral amyloids. <i>Nature Communications</i> , 2020, 11, 2832.	5.8	25
346	Pan-viral protection against arboviruses by activating skin macrophages at the inoculation site. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	25
347	Sulphated and Sulphonated Polymers Inhibit the Initial Interaction of Hepatitis B Virus with Hepatocytes. <i>Antiviral Chemistry and Chemotherapy</i> , 2002, 13, 157-164.	0.3	24
348	Viral load quantitation of SARS-coronavirus RNA using a one-step real-time RT-PCR. <i>International Journal of Infectious Diseases</i> , 2006, 10, 32-37.	1.5	24
349	Acute Encephalitis, a Poliomyelitis-like Syndrome and Neurological Sequelae in a Hamster Model for Flavivirus Infections. <i>Brain Pathology</i> , 2003, 13, 279-290.	2.1	24
350	Proof of concept for the reduction of classical swine fever infection in pigs by a novel viral polymerase inhibitor. <i>Journal of General Virology</i> , 2009, 90, 1335-1342.	1.3	24
351	Differentiated umbilical cord matrix stem cells as a new in vitro model to study early events during hepatitis B virus infection. <i>Hepatology</i> , 2013, 57, 59-69.	3.6	24
352	Synthesis and Structure-Activity Relationships of Imidazole-Coumarin Conjugates against Hepatitis C Virus. <i>Molecules</i> , 2016, 21, 228.	1.7	24
353	Antiviral Strategies Against Chikungunya Virus. <i>Methods in Molecular Biology</i> , 2016, 1426, 243-253.	0.4	24
354	A Novel Series of Highly Potent Small Molecule Inhibitors of Rhinovirus Replication. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 5472-5492.	2.9	24
355	Interferon lambda (IFN-λ) efficiently blocks norovirus transmission in a mouse model. <i>Antiviral Research</i> , 2018, 149, 7-15.	1.9	24
356	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> , 1998, 5, 419-426.	2.3	23
357	Synthesis, conformational characteristics and anti-influenza virus A activity of some 2-adamantylsubstituted azacycles. <i>Bioorganic Chemistry</i> , 2006, 34, 248-273.	2.0	23
358	Antiviral 2,5-disubstituted imidazo[4,5-c]pyridines: Further optimization of anti-hepatitis C virus activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5111-5114.	1.0	23
359	Animal models of highly pathogenic RNA viral infections: Encephalitis viruses. <i>Antiviral Research</i> , 2008, 78, 69-78.	1.9	23
360	Sangamides, a new class of cyclophilin-inhibiting host-targeted antivirals for treatment of HCV infection. <i>MedChemComm</i> , 2012, 3, 944-949.	3.5	23

#	ARTICLE	IF	CITATIONS
361	Chemical modification of the plant isoprenoid cytokinin N6-isopentenyladenosine yields a selective inhibitor of human enterovirus 71 replication. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 406-413.	2.6	23
362	A rat model for hepatitis E virus. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 1203-1210.	1.2	23
363	A Single Nucleoside Viral Polymerase Inhibitor Against Norovirus, Rotavirus, and Sapovirus-Induced Diarrhea. <i>Journal of Infectious Diseases</i> , 2018, 218, 1753-1758.	1.9	23
364	GloPID-R report on chikungunya, o'nyong-nyong and Mayaro virus, part 2: Epidemiological distribution of o'nyong-nyong virus. <i>Antiviral Research</i> , 2019, 172, 104611.	1.9	23
365	Sensitive, reproducible and convenient fluorometric assay for the in vitro evaluation of anticytomegalovirus agents. <i>Journal of Virological Methods</i> , 1991, 35, 27-38.	1.0	22
366	<i>In vitro</i> Activity of a Novel Series of Polyoxosilicotungstates against Human Myxo-, Herpes- and Retroviruses. <i>Antiviral Chemistry and Chemotherapy</i> , 1993, 4, 253-262.	0.3	22
367	Highly potent and selective inhibition of bovine viral diarrhea virus replication by $\hat{I}^3$ -carboline derivatives. <i>Antiviral Research</i> , 2010, 88, 263-268.	1.9	22
368	Toward antiviral therapy/prophylaxis for rhinovirus-induced exacerbations of chronic obstructive pulmonary disease: challenges, opportunities, and strategies. <i>Reviews in Medical Virology</i> , 2016, 26, 21-33.	3.9	22
369	Diketo acids inhibit the cap-snatching endonuclease of several Bunyavirales. <i>Antiviral Research</i> , 2020, 183, 104947.	1.9	22
370	Replication of not-known-vector flaviviruses in mosquito cells is restricted by intracellular host factors rather than by the viral envelope proteins. <i>Journal of General Virology</i> , 2010, 91, 1693-1697.	1.3	22
371	Potent inhibition of hemangioma formation in rats by the acyclic nucleoside phosphonate analogue cidofovir. <i>Cancer Research</i> , 1998, 58, 2562-7.	0.4	22
372	Synthesis and Antiviral Evaluation of Cyclic and Acyclic 2-Methyl-3-hydroxy-4-pyridinone Nucleoside Derivatives. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 43-50.	2.9	21
373	Synthesis and primary antiviral activity evaluation of 3-hydrazono-5-nitro-2-indolinone derivatives. <i>Arkivoc</i> , 2006, 2006, 109-118.	0.3	21
374	Intracellular metabolism of the new antiviral compound 1-(S)-[3-hydroxy-2-(phosphonomethoxy)propyl]-5-azacytosine. <i>Biochemical Pharmacology</i> , 2008, 76, 997-1005.	2.0	21
375	Efficient synthesis and anti-enteroviral activity of 9-aryl purines. <i>European Journal of Medicinal Chemistry</i> , 2012, 49, 279-288.	2.6	21
376	Reaching beyond HIV/HCV: nelfinavir as a potential starting point for broad-spectrum protease inhibitors against dengue and chikungunya virus. <i>RSC Advances</i> , 2015, 5, 85938-85949.	1.7	21
377	Identification of fukinolic acid from <i>Cimicifuga heracleifolia</i> and its derivatives as novel antiviral compounds against enterovirus A71 infection. <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 128-136.	1.1	21
378	Structural and functional similarities in bunyaviruses: Perspectives for pan-bunya antivirals. <i>Reviews in Medical Virology</i> , 2019, 29, e2039.	3.9	21

#	ARTICLE	IF	CITATIONS
379	A chimeric yellow fever-Zika virus vaccine candidate fully protects against yellow fever virus infection in mice. <i>Emerging Microbes and Infections</i> , 2020, 9, 520-533.	3.0	21
380	Itraconazole for COVID-19: preclinical studies and a proof-of-concept randomized clinical trial. <i>EBioMedicine</i> , 2021, 66, 103288.	2.7	21
381	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> , 1996, 39, 1626-1634.	2.9	20
382	Human Herpesvirus 8 Gene Encodes a Functional Thymidylate Synthase. <i>Journal of Virology</i> , 2002, 76, 10530-10532.	1.5	20
383	Rodent models for the study of therapy against flavivirus infections. <i>Antiviral Research</i> , 2004, 63, 67-77.	1.9	20
384	Cu <sup>II</sup> -Mediated Selective N <sup>3</sup> -Arylation of Aminotriazole Acyclonucleosides. <i>Helvetica Chimica Acta</i> , 2009, 92, 1503-1513.	1.0	20
385	SAR studies of 9-norbornylpurines as Coxsackievirus B3 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4271-4275.	1.0	20
386	Substituted 2,6-bis(benzimidazol-2-yl)pyridines: A novel chemical class of pestivirus inhibitors that targets a hot spot for inhibition of pestivirus replication in the RNA-dependent RNA polymerase. <i>Antiviral Research</i> , 2014, 106, 71-79.	1.9	20
387	9-Norbornyl-6-chloropurine (NCP) induces cell death through GSH depletion-associated ER stress and mitochondrial dysfunction. <i>Free Radical Biology and Medicine</i> , 2016, 97, 223-235.	1.3	20
388	Protein kinases C as potential host targets for the inhibition of chikungunya virus replication. <i>Antiviral Research</i> , 2017, 139, 79-87.	1.9	20
389	Rational modifications on a benzylidene-acrylohydrazide antiviral scaffold, synthesis and evaluation of bioactivity against Chikungunya virus. <i>European Journal of Medicinal Chemistry</i> , 2018, 149, 56-68.	2.6	20
390	Scaffold Simplification Strategy Leads to a Novel Generation of Dual Human Immunodeficiency Virus and Enterovirus-A71 Entry Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 349-368.	2.9	20
391	Infection of zebrafish larvae with human norovirus and evaluation of the in vivo efficacy of small-molecule inhibitors. <i>Nature Protocols</i> , 2021, 16, 1830-1849.	5.5	20
392	Structure Elucidation of Coxsackievirus A16 in Complex with GPP3 Informs a Systematic Review of Highly Potent Capsid Binders to Enteroviruses. <i>PLoS Pathogens</i> , 2015, 11, e1005165.	2.1	20
393	A dual-antigen self-amplifying RNA SARS-CoV-2 vaccine induces potent humoral and cellular immune responses and protects against SARS-CoV-2 variants through T <sub>H</sub> 1-mediated immunity. <i>Molecular Therapy</i> , 2022, 30, 2968-2983.	3.7	20
394	Activity of the anti-HIV agent 9-(2-phosphonyl-methoxyethyl)-2,6-diaminopurine against cytomegalovirus in vitro and in vivo. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1993, 12, 437-446.	1.3	19
395	In vivo Antiretroviral Efficacy of Oral bis(POM)-PMEA, the bis(Pivaloyloxymethyl)prodrug of 9-(2-Phosphonylmethoxyethyl) adenine (PMEA). <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 1995, 14, 767-770.	0.4	19
396	Conservation of the pentanucleotide motif at the top of the yellow fever virus 17D 3' stem-loop structure is not required for replication. <i>Journal of General Virology</i> , 2007, 88, 1738-1747.	1.3	19

#	ARTICLE	IF	CITATIONS
397	The reduction of CSFV transmission to untreated pigs by the pestivirus inhibitor BPiP: A proof of concept. <i>Veterinary Microbiology</i> , 2009, 139, 365-368.	0.8	19
398	Identification of allosteric inhibitors blocking the hepatitis C virus polymerase NS5B in the RNA synthesis initiation step. <i>Antiviral Research</i> , 2009, 84, 48-59.	1.9	19
399	Identification of a novel resistance mutation for benzimidazole inhibitors of the HCV RNA-dependent RNA polymerase. <i>Antiviral Research</i> , 2012, 93, 30-38.	1.9	19
400	Proof of Concept for the Inhibition of Foot-and-Mouth Disease Virus Replication by the Anti-Viral Drug 2-Deoxy-2-Methylcytidine in Severe Combined Immunodeficient Mice. <i>Transboundary and Emerging Diseases</i> , 2014, 61, e89-e91.	1.3	19
401	GloPID-R report on chikungunya, o'nyong-nyong and Mayaro virus, part 5: Entomological aspects. <i>Antiviral Research</i> , 2020, 174, 104670.	1.9	19
402	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> , 2021, 354, e2100146.	2.1	19
403	Identification and evaluation of potential SARS-CoV-2 antiviral agents targeting mRNA cap guanine N7-Methyltransferase. <i>Antiviral Research</i> , 2021, 193, 105142.	1.9	19
404	THE IMMUNOSUPPRESSIVE AGENT MYCOPHENOLATE MOFETIL MARKEDLY POTENTIATES THE ACTIVITY OF LOBUCAVIR [1R(1??,2??,3??)]-9-[2,3-BIS(HYDROXYMETHYL)-CYCLOBUTYL]GUANINE AGAINST DIFFERENT HERPES VIRUSES1. <i>Transplantation</i> , 1999, 67, 760-764.	0.5	19
405	&lt;i>In vitro</i> antiviral activity of some novel isatin derivatives against HCV and SARS-CoV viruses. <i>Indian Journal of Pharmaceutical Sciences</i> , 2008, 70, 91.	1.0	19
406	Studies of antiviral activity and cytotoxicity of <i>Wrightia tinctoria</i> and <i>Morinda citrifolia</i> . <i>Indian Journal of Pharmaceutical Sciences</i> , 2009, 71, 670.	1.0	19
407	Inhibitory Effects of Polycations on the Replication of Enveloped Viruses (HIV, HSV, CMV, RSV), Tj ETQq1 1 0.784314 rgBT /Overlock 10 243-248.	0.3	18
408	Effect of Polyanionic Compounds on Intracutaneous and Intravaginal Herpesvirus Infection in Mice. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1995, 10, 8??12.	0.3	18
409	Inhibition of coxsackie B3 virus induced myocarditis in mice by 2-(3,4-dichlorophenoxy)-5-nitrobenzotrile. <i>Journal of Medical Virology</i> , 2004, 72, 263-267.	2.5	18
410	Alkyne-Azide Click Chemistry Mediated Carbanucleosides Synthesis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1391-1394.	0.4	18
411	Ribavirin and mycophenolic acid markedly potentiate the anti-hepatitis B virus activity of entecavir. <i>Antiviral Research</i> , 2007, 73, 192-196.	1.9	18
412	The Enterovirus 3C Protease Inhibitor SG85 Efficiently Blocks Rhinovirus Replication and Is Not Cross-Resistant with Rupintrivir. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5814-5818.	1.4	18
413	Optimization of a Class of Tryptophan Dendrimers That Inhibit HIV Replication Leads to a Selective, Specific, and Low-Nanomolar Inhibitor of Clinical Isolates of Enterovirus A71. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5064-5067.	1.4	18
414	In silico identification, design and synthesis of novel piperazine-based antiviral agents targeting the hepatitis C virus helicase. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 1115-1131.	2.6	18



#	ARTICLE	IF	CITATIONS
415	Structurally Diverse Diterpenoids from <i>Sandwithia guyanensis</i> . <i>Journal of Natural Products</i> , 2018, 81, 901-912.	1.5	18
416	Inhibition of the Replication of Different Strains of Chikungunya Virus by 3-Aryl-[1,2,3]triazolo[4,5- <i>d</i> ]pyrimidin-7(6 <i>H</i> )-ones. <i>ACS Infectious Diseases</i> , 2018, 4, 605-619.	1.8	18
417	Differential antiviral activities of respiratory syncytial virus (RSV) inhibitors in human airway epithelium. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1823-1829.	1.3	18
418	GloPID-R report on chikungunya, o'nyong-nyong and Mayaro virus, part 3: Epidemiological distribution of Mayaro virus. <i>Antiviral Research</i> , 2019, 172, 104610.	1.9	18
419	Targeting the Viral Polymerase of Diarrhea-Causing Viruses as a Strategy to Develop a Single Broad-Spectrum Antiviral Therapy. <i>Viruses</i> , 2019, 11, 173.	1.5	18
420	Limited evolution of the yellow fever virus 17d in a mouse infection model. <i>Emerging Microbes and Infections</i> , 2019, 8, 1734-1746.	3.0	18
421	Anti-herpesvirus activity of (1 <i>S</i> ,2 <i>R</i> )-9-[[1 <i>bis</i> (hydroxymethyl)-cycloprop-1-yl]methyl]guanine (A-5021) in vitro and in vivo. <i>Antiviral Research</i> , 2001, 49, 115-120.	1.9	17
422	The Southeast Asian Influenza Clinical Research Network: Development and challenges for a new multilateral research endeavor. <i>Antiviral Research</i> , 2008, 78, 64-68.	1.9	17
423	Inhibition of hepatitis C virus replication by semi-synthetic derivatives of glycopeptide antibiotics. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1287-1294.	1.3	17
424	Simple and inexpensive three-step rapid amplification of cDNA 5' ends using 5' phosphorylated primers. <i>Analytical Biochemistry</i> , 2013, 434, 1-3.	1.1	17
425	Application of a cell-based protease assay for testing inhibitors of picornavirus 3C proteases. <i>Antiviral Research</i> , 2014, 103, 17-24.	1.9	17
426	Norovirus genetic diversity and evolution: implications for antiviral therapy. <i>Current Opinion in Virology</i> , 2016, 20, 92-98.	2.6	17
427	Discovery of Multitarget Agents Active as Broad-Spectrum Antivirals and Correctors of Cystic Fibrosis Transmembrane Conductance Regulator for Associated Pulmonary Diseases. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1400-1416.	2.9	17
428	Structure-activity relationship studies on a Trp dendrimer with dual activities against HIV and enterovirus A71. Modifications on the amino acid. <i>Antiviral Research</i> , 2017, 139, 32-40.	1.9	17
429	Rational design of highly potent broad-spectrum enterovirus inhibitors targeting the nonstructural protein 2C. <i>PLoS Biology</i> , 2020, 18, e3000904.	2.6	17
430	Cytopathic SARS-CoV-2 screening on VERO-E6 cells in a large-scale repurposing effort. <i>Scientific Data</i> , 2022, 9, .	2.4	17
431	Impact of Direct Virus-Induced Neuronal Dysfunction and Immunological Damage on the Progression of Flavivirus (Modoc) Encephalitis in a Murine Model. <i>Journal of NeuroVirology</i> , 2003, 9, 69-78.	1.0	16
432	Prospects for Antiviral Therapy. <i>Advances in Virus Research</i> , 2003, 61, 511-553.	0.9	16

#	ARTICLE	IF	CITATIONS
433	Norbornane as the novel pseudoglycone moiety in nucleosides. <i>Tetrahedron</i> , 2009, 65, 9291-9299.	1.0	16
434	Classical swine fever outbreak containment using antiviral supplementation: A potential alternative to emergency vaccination and stamping-out. <i>Preventive Veterinary Medicine</i> , 2012, 106, 34-41.	0.7	16
435	In vitro selection and characterization of HCV replicons resistant to multiple non-nucleoside polymerase inhibitors. <i>Journal of Hepatology</i> , 2012, 56, 41-48.	1.8	16
436	Deletion of the vaccinia virus F13L gene results in a highly attenuated virus that mounts a protective immune response against subsequent vaccinia virus challenge. <i>Antiviral Research</i> , 2012, 93, 160-166.	1.9	16
437	The potential of antiviral agents to control classical swine fever: A modelling study. <i>Antiviral Research</i> , 2013, 99, 245-250.	1.9	16
438	Norbornane-based nucleoside and nucleotide analogues locked in North conformation. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 184-191.	1.4	16
439	Simplified Bryostatin Analogues Protect Cells from Chikungunya Virus-Induced Cell Death. <i>Journal of Natural Products</i> , 2016, 79, 675-679.	1.5	16
440	Fluorination of Naturally Occurring N6-Benzyladenosine Remarkably Increased Its Antiviral Activity and Selectivity. <i>Molecules</i> , 2017, 22, 1219.	1.7	16
441	Design, synthesis and evaluation against Chikungunya virus of novel small-molecule antiviral agents. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 869-874.	1.4	16
442	Scaffold Morphing Approach To Expand the Toolbox of Broad-Spectrum Antivirals Blocking Dengue/Zika Replication. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 558-563.	1.3	16
443	Design, Synthesis and Discovery of <i>N,N</i> -Carbazoyl- <i>l</i> -Alanine Inhibitors of Zika NS5 Methyltransferase and Virus Replication. <i>ChemMedChem</i> , 2020, 15, 385-390.	1.6	16
444	Identification of 2-(4-(Phenylsulfonyl)piperazine-1-yl)pyrimidine Analogues as Novel Inhibitors of Chikungunya Virus. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 906-912.	1.3	16
445	MVA-CoV2-S Vaccine Candidate Neutralizes Distinct Variants of Concern and Protects Against SARS-CoV-2 Infection in Hamsters. <i>Frontiers in Immunology</i> , 2022, 13, 845969.	2.2	16
446	Calcineurin as a possible new target for treatment of Parkinson's disease. <i>Medical Hypotheses</i> , 1994, 43, 132-134.	0.8	15
447	Antiviral activity of ganciclovir elaidic acid ester against herpesviruses. <i>Antiviral Research</i> , 2000, 45, 157-167.	1.9	15
448	A rapid and convenient variant of fusion-PCR to construct chimeric flaviviruses. <i>Journal of Virological Methods</i> , 2003, 108, 67-74.	1.0	15
449	Cidofovir is effective against caprine herpesvirus 1 infection in goats. <i>Antiviral Research</i> , 2007, 74, 138-141.	1.9	15
450	Increased gelatinase B/matrix metalloproteinase 9 (MMP-9) activity in a murine model of acute coxsackievirus B4-induced pancreatitis. <i>Virology</i> , 2008, 382, 20-27.	1.1	15

#	ARTICLE	IF	CITATIONS
451	Assessing the Efficacy of Cidofovir against Herpesvirus-Induced Genital Lesions in Goats Using Different Therapeutic Regimens. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 4064-4068.	1.4	15
452	Antibody-dependent enhancement of dengue virus infection is inhibited by SA-17, a doxorubicin derivative. <i>Antiviral Research</i> , 2013, 100, 238-245.	1.9	15
453	From norbornane-based nucleotide analogs locked in South conformation to novel inhibitors of feline herpes virus. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2974-2983.	1.4	15
454	Synthesis, biological activity and structure-activity relationship of 4,5-dimethoxybenzene derivatives inhibitor of rhinovirus 14 infection. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 445-459.	2.6	15
455	Human stem cell-derived hepatocyte-like cells support Zika virus replication and provide a relevant model to assess the efficacy of potential antivirals. <i>PLoS ONE</i> , 2018, 13, e0209097.	1.1	15
456	Pyrimethamine inhibits rabies virus replication in vitro. <i>Antiviral Research</i> , 2019, 161, 1-9.	1.9	15
457	Novel Class of Chikungunya Virus Small Molecule Inhibitors That Targets the Viral Capping Machinery. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	15
458	1,2,4-Triazolo[1,5-a]pyrimidines: Efficient one-step synthesis and functionalization as influenza polymerase PA-PB1 interaction disruptors. <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113494.	2.6	15
459	Tiyo <sup>1/4</sup> reler, a <sup>1/4</sup> siltiy <sup>1/4</sup> reler ve 4-tiyazolidinonlar <sup>1/4</sup> n sentezi, karakterizasyonu ve antikanser ve antiviral etkilerinin de <sup>1/4</sup> Yerlendirilmesi. <i>Marmara Pharmaceutical Journal</i> , 2017, 21, 371-371.	0.5	15
460	Mechanism of the Antiviral Activity of New Aurintricarboxylic Acid Analogues. <i>Antiviral Chemistry and Chemotherapy</i> , 1996, 7, 142-152.	0.3	14
461	Inflammatory rather than infectious insults play a role in exocrine tissue damage in a mouse model for coxsackievirus B4-induced pancreatitis. <i>Journal of Pathology</i> , 2009, 217, 633-641.	2.1	14
462	Synthesis of novel carbocyclic nucleoside analogues derived from 7-oxabicyclo[2.2.1]heptane-2-methanol. <i>Collection of Czechoslovak Chemical Communications</i> , 2009, 74, 487-502.	1.0	14
463	Cutthroat trout virus as a surrogate in vitro infection model for testing inhibitors of hepatitis E virus replication. <i>Antiviral Research</i> , 2013, 100, 98-101.	1.9	14
464	Tonantzitlolones from <i>Stillingia lineata</i> ssp. <i>lineata</i> as potential inhibitors of chikungunya virus. <i>Phytochemistry Letters</i> , 2015, 12, 313-319.	0.6	14
465	Post-exposure antiviral treatment of norovirus infections effectively protects against diarrhea and reduces virus shedding in the stool in a mortality mouse model. <i>Antiviral Research</i> , 2016, 132, 76-84.	1.9	14
466	New class of early-stage enterovirus inhibitors with a novel mechanism of action. <i>Antiviral Research</i> , 2017, 147, 67-74.	1.9	14
467	Antiviral drug discovery against arthritogenic alphaviruses: Tools and molecular targets. <i>Biochemical Pharmacology</i> , 2020, 174, 113777.	2.0	14
468	Anti-norovirus activity of C7-modified 4-amino-pyrrolo[2,1-f][1,2,4]triazine C-nucleosides. <i>European Journal of Medicinal Chemistry</i> , 2020, 195, 112198.	2.6	14

#	ARTICLE	IF	CITATIONS
469	Novel therapeutic approaches to simultaneously target rhinovirus infection and asthma/COPD pathogenesis. <i>F1000Research</i> , 2017, 6, 1860.	0.8	14
470	<i>In vitro</i> Activity of Polyhydroxycarboxylates against Herpesviruses and Hiv. <i>Antiviral Chemistry and Chemotherapy</i> , 2001, 12, 337-345.	0.3	13
471	Synthesis and anti-CVB 3 evaluation of substituted 5-nitro-2-phenoxybenzotrioles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5123-5125.	1.0	13
472	FDA perspective on antivirals against biothreats: Communicate early and often. <i>Antiviral Research</i> , 2008, 78, 60-63.	1.9	13
473	88 PARTICULAR IN VITRO ANTI-HCV ACTIVITIES AND RESISTANCE PROFILE OF THE CYCLOPHILIN INHIBITOR DEBIO 025. <i>Journal of Hepatology</i> , 2009, 50, S36.	1.8	13
474	2-Deoxy Phosphoramidate Dinucleosides as Improved Inhibitors of Hepatitis C Virus Subgenomic Replicon and NS5B Polymerase Activity. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6608-6617.	2.9	13
475	Synthesis of novel azanorbornylpurine derivatives. <i>Tetrahedron</i> , 2012, 68, 1286-1298.	1.0	13
476	Laboratory validation of a lateral flow device for the detection of CyHV-3 antigens in gill swabs. <i>Journal of Virological Methods</i> , 2013, 193, 679-682.	1.0	13
477	9-[2-(R)-(Phosphonomethoxy)propyl]-2,6-diaminopurine (R)-PMPDAP and its prodrugs: Optimized preparation, including identification of by-products formed, and antiviral evaluation in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1199-1208.	1.4	13
478	Treatment with a Nucleoside Polymerase Inhibitor Reduces Shedding of Murine Norovirus in Stool to Undetectable Levels without Emergence of Drug-Resistant Variants. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1907-1911.	1.4	13
479	Biological or pharmacological activation of protein kinase C alpha constrains hepatitis E virus replication. <i>Antiviral Research</i> , 2017, 140, 1-12.	1.9	13
480	Identification of Broad-Spectrum Dengue/Zika Virus Replication Inhibitors by Functionalization of Quinoline and 2,6-Diaminopurine Scaffolds. <i>ChemMedChem</i> , 2018, 13, 1371-1376.	1.6	13
481	ZikaPLAN: addressing the knowledge gaps and working towards a research preparedness network in the Americas. <i>Global Health Action</i> , 2019, 12, 1666566.	0.7	13
482	A dengue type 2 reporter virus assay amenable to high-throughput screening. <i>Antiviral Research</i> , 2020, 183, 104929.	1.9	13
483	Repurposing Drugs for Mayaro Virus: Identification of EIDD-1931, Favipiravir and Suramin as Mayaro Virus Inhibitors. <i>Microorganisms</i> , 2021, 9, 734.	1.6	13
484	Development and optimization of a high-throughput screening assay for in vitro anti-SARS-CoV-2 activity: Evaluation of 5676 Phase 1 Passed Structures. <i>Journal of Medical Virology</i> , 2022, 94, 3101-3111.	2.5	13
485	Nucleosides and Nucleotides. Part 154. New Neplanocin Analogues. VIII. Synthesis and Biological Activity of 6'-C-Ethyl, -Ethenyl, and -Ethylnyl Derivatives of Neplanocin A.. <i>Chemical and Pharmaceutical Bulletin</i> , 1997, 45, 1163-1168.	0.6	12
486	Synthesis and Antiviral and Cytostatic Activities of Carbocyclic Nucleosides Incorporating a Modified Cyclobutane Ring. <i>Archiv Der Pharmazie</i> , 1999, 332, 348-352.	2.1	12

#	ARTICLE	IF	CITATIONS
487	The anti-herpesvirus activity of (1 <i>S</i> ,2 <i>R</i> )-9-[[1 <i>S</i> ,2 <i>S</i> -bis(hydroxymethyl)cycloprop-1-yl]methyl]guanine is markedly potentiated by the immunosuppressive agent mycophenolate mofetil. <i>Antiviral Research</i> , 2001, 49, 121-127.	1.9	12
488	Phosphoramidate Dinucleosides as Hepatitis C Virus Polymerase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5745-5757.	2.9	12
489	S-Aryltriazole acyclonucleosides: Synthesis and biological evaluation against hepatitis C virus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 3610-3613.	1.0	12
490	Replication capacity of minority variants in viral populations can affect the assessment of resistance in HCV chimeric replicon phenotyping assays. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2327-2337.	1.3	12
491	Rapid and convenient assays to assess potential inhibitory activity on in vitro hepatitis A replication. <i>Antiviral Research</i> , 2013, 98, 325-331.	1.9	12
492	Are statins a viable option for the treatment of infections with the hepatitis C virus?. <i>Antiviral Research</i> , 2014, 105, 92-99.	1.9	12
493	H1PVAT is a novel and potent early-stage inhibitor of poliovirus replication that targets VP1. <i>Antiviral Research</i> , 2014, 110, 1-9.	1.9	12
494	Bicyclic and Tricyclic "Expanded" Nucleobase Analogues of Sofosbuvir: New Scaffolds for Hepatitis C Therapies. <i>ACS Infectious Diseases</i> , 2015, 1, 357-366.	1.8	12
495	A Refined Guinea Pig Model of Foot-and-Mouth Disease Virus Infection for Assessing the Efficacy of Antiviral Compounds. <i>Transboundary and Emerging Diseases</i> , 2016, 63, e205-e212.	1.3	12
496	Current and Future Antiviral Strategies to Tackle Gastrointestinal Viral Infections. <i>Microorganisms</i> , 2021, 9, 1599.	1.6	12
497	Synthesis, Antiviral and Cytostatic Activities of Carbocyclic Nucleosides Incorporating a Modified Cyclopentane Ring. Part 2: Adenosine and Uridine Analogues. <i>Nucleosides &amp; Nucleotides</i> , 1998, 17, 1255-1266.	0.5	11
498	Hydroxyurea Potentiates the Antiherpesvirus Activities of Purine and Pyrimidine Nucleoside and Nucleoside Phosphonate Analogs. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 2885-2892.	1.4	11
499	Effect of TNP-470 (AGM-1470) on the Growth of Rat Rhabdomyosarcoma Tumors of Different Sizes. <i>Cancer Investigation</i> , 2001, 19, 35-40.	0.6	11
500	Comparative analysis of the anti-chikungunya virus activity of novel bryostatin analogs confirms the existence of a PKC-independent mechanism. <i>Biochemical Pharmacology</i> , 2016, 120, 15-21.	2.0	11
501	Shape-based virtual screening, synthesis and evaluation of novel pyrrolone derivatives as antiviral agents against HCV. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 936-940.	1.0	11
502	Heterocyclic pharmacology of new rhinovirus antiviral agents: A combined computational and experimental study. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 528-541.	2.6	11
503	Species Specificity of Type III Interferon Activity and Development of a Sensitive Luciferase-Based Bioassay for Quantitation of Mouse Interferon- $\lambda$ . <i>Journal of Interferon and Cytokine Research</i> , 2018, 38, 469-479.	0.5	11
504	A Viral Polymerase Inhibitor Reduces Zika Virus Replication in the Reproductive Organs of Male Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2122.	1.8	11

#	ARTICLE	IF	CITATIONS
505	Establishing a Unified COVID-19 "Immunome" Integrating Coronavirus Pathogenesis and Host Immunopathology. <i>Frontiers in Immunology</i> , 2020, 11, 1642.	2.2	11
506	Small-molecule inhibitors of TBK1 serve as an adjuvant for a plasmid-launched live-attenuated yellow fever vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2196-2203.	1.4	11
507	Synthesis and antiviral activities of quinazolinamine-coumarin conjugates toward chikungunya and hepatitis C viruses. <i>European Journal of Medicinal Chemistry</i> , 2022, 232, 114164.	2.6	11
508	Use of digoxigenin-labelled probes for the quantitation of HBV-DNA in antiviral drug evaluation. <i>Journal of Virological Methods</i> , 1999, 81, 155-158.	1.0	10
509	Synthesis and antiviral evaluation of 3-hydroxy-2-methylpyridin-4-one dideoxynucleoside derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 4371-4374.	1.0	10
510	NIAID resources for developing new therapies for severe viral infections. <i>Antiviral Research</i> , 2008, 78, 51-59.	1.9	10
511	Evaluation of the antiviral activity of (1 <i>S</i> ,2 <i>R</i> )-9-[[1 <i>S</i> ,2 <i>S</i> -bis(hydroxymethyl)cycloprop-1-yl]methyl]guanine (A-5021) against equine herpesvirus type 1 in cell monolayers and equine nasal mucosal explants. <i>Antiviral Research</i> , 2012, 93, 234-238.	1.9	10
512	Hydantoin: The mechanism of its <i>in vitro</i> anti-enterovirus activity revisited. <i>Antiviral Research</i> , 2016, 133, 106-109.	1.9	10
513	Intra-host emergence of an enterovirus A71 variant with enhanced PSGL1 usage and neurovirulence. <i>Emerging Microbes and Infections</i> , 2019, 8, 1076-1085.	3.0	10
514	Comparative analysis of the molecular mechanism of resistance to vapendavir across a panel of picornavirus species. <i>Antiviral Research</i> , 2021, 195, 105177.	1.9	10
515	Selective Inhibitors of Hepatitis B Virus Replication. <i>Anti-Infective Agents in Medicinal Chemistry</i> , 2003, 2, 227-240.	0.9	10
516	Suboptimal response to adefovir dipivoxil therapy for chronic hepatitis B in nucleoside-naïve patients is not due to pre-existing drug-resistant mutants. <i>Antiviral Therapy</i> , 2008, 13, 381-8.	0.6	10
517	The SARS-CoV-2 Alpha variant exhibits comparable fitness to the D614G strain in a Syrian hamster model. <i>Communications Biology</i> , 2022, 5, 225.	2.0	10
518	Discovery of 2-Phenylquinolines with Broad-Spectrum Anti-coronavirus Activity. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 855-864.	1.3	10
519	Potent Inhibition of Genital Herpesvirus Infection in Goats by Cidofovir. <i>Antiviral Therapy</i> , 2007, 12, 977-980.	0.6	10
520	Synthesis and antiviral activities of new acyclic and "double-headed" nucleoside analogues. <i>Bioorganic Chemistry</i> , 2007, 35, 221-232.	2.0	9
521	Synthesis and Antiviral Evaluation of 2 <i>C</i> -Methyl Analogues of 5-Alkynyl- and 6-Alkylfurano- and Pyrrolo[2,3- <i>d</i> ]Pyrimidine Ribonucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2009, 28, 713-723.	0.4	9
522	Synthesis and antiviral activity of boranophosphonate isosteres of AZT and d4T monophosphates. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 849-856.	2.6	9

#	ARTICLE	IF	CITATIONS
523	Synthesis of novel racemic carbocyclic nucleosides derived from 5,6-disubstituted norbornene. Collection of Czechoslovak Chemical Communications, 2010, 75, 1-20.	1.0	9
524	Acyclic nucleoside thiophosphonates as potent inhibitors of HIV and HBV replication. European Journal of Medicinal Chemistry, 2011, 46, 4281-4288.	2.6	9
525	In vitro surrogate models to aid in the development of antivirals for the containment of foot-and-mouth disease outbreaks. Antiviral Research, 2014, 105, 59-63.	1.9	9
526	Exploration of the anti-enterovirus activity of a series of pleconaril/pirodavir-like compounds. Antiviral Chemistry and Chemotherapy, 2015, 24, 56-61.	0.3	9
527	New HSV-1 Anti-Viral 1 <sup>â€²</sup> -Homocarbocyclic Nucleoside Analogs with an Optically Active Substituted Bicyclo[2.2.1]Heptane Fragment as a Glycoside Moiety. Molecules, 2019, 24, 2446.	1.7	9
528	Multitarget CFTR Modulators Endowed with Multiple Beneficial Side Effects for Cystic Fibrosis Patients: Toward a Simplified Therapeutic Approach. Journal of Medicinal Chemistry, 2019, 62, 10833-10847.	2.9	9
529	Modifications in the branched arms of a class of dual inhibitors of HIV and EV71 replication expand their antiviral spectrum. Antiviral Research, 2019, 168, 210-214.	1.9	9
530	The path towards effective antivirals against rabies. Vaccine, 2019, 37, 4660-4662.	1.7	9
531	Chemical Evolution of Antivirals Against Enterovirus D68 through Protein <sup>â€</sup> -Templated Knoevenagel Reactions. Angewandte Chemie - International Edition, 2021, 60, 13294-13301.	7.2	9
532	Structural Insights into the Mechanisms of Action of Functionally Distinct Classes of Chikungunya Virus Nonstructural Protein 1 Inhibitors. Antimicrobial Agents and Chemotherapy, 2021, 65, e0256620.	1.4	9
533	Multivalent Tryptophan <sup>â€</sup> -and Tyrosine <sup>â€</sup> -Containing [60]Fullerene Hexa <sup>â€</sup> Adducts as Dual HIV and Enterovirus A71 Entry Inhibitors. Chemistry - A European Journal, 2021, 27, 10700-10710.	1.7	9
534	Effect of polyanionic compounds on intracutaneous and intravaginal herpesvirus infection in mice: impact on the search for vaginal microbicides with anti-HIV activity. Journal of Acquired Immune Deficiency Syndromes, 1995, 10, 8-12.	0.3	9
535	Human cytomegalovirus modulates the Ca <sup>2+</sup> response to vasopressin and ATP in fibroblast cultures. Cell Calcium, 1995, 18, 111-119.	1.1	8
536	Improved crystallization of the coxsackievirus B3 RNA-dependent RNA polymerase. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 495-498.	0.7	8
537	Synthesis of novel racemic carbocyclic nucleoside analogues derived from 4,8-dioxatricyclo[4.2.1.0 <sup>3,7</sup> ]nonane-9-methanol and 4-oxatricyclo[4.3.1.0 <sup>3,7</sup> ]decane-10-methanol, compounds with activity against Coxsackie viruses. Collection of Czechoslovak Chemical Communications, 2009, 74, 469-485.	1.0	8
538	Exploration of the <i>in vitro</i> Antiviral Activity of a Series of New Pyrimidine Analogues on the Replication of HIV and HCV. Antiviral Chemistry and Chemotherapy, 2013, 23, 103-112.	0.3	8
539	3-(imidazo[1,2- <i>a</i> :5,4- <i>b</i> <sup>â€²</sup> ]dipyridin-2-yl)aniline inhibits pestivirus replication by targeting a hot spot drug binding pocket in the RNA-dependent RNA polymerase. Antiviral Research, 2016, 129, 99-103.	1.9	8
540	Zika and Other Emerging Viruses: Aiming at the Right Target. Cell Host and Microbe, 2016, 20, 420-422.	5.1	8

#	ARTICLE	IF	CITATIONS
541	Glutathione is a highly efficient thermostabilizer of poliovirus Sabin strains. <i>Vaccine</i> , 2017, 35, 1370-1372.	1.7	8
542	A new antiviral scaffold for human norovirus identified with computer-aided approaches on the viral polymerase. <i>Scientific Reports</i> , 2019, 9, 18413.	1.6	8
543	Antiviral and Cytotoxic Activity of Different Plant Parts of Banana ( <i>Musa</i> spp.). <i>Viruses</i> , 2020, 12, 549.	1.5	8
544	Quinolinecarboxamides Inhibit the Replication of the Bovine Viral Diarrhea Virus by Targeting a Hot Spot for the Inhibition of Pestivirus Replication in the RNA-Dependent RNA Polymerase. <i>Molecules</i> , 2020, 25, 1283.	1.7	8
545	COVID-19 and the intensive care unit: vaccines to the rescue. <i>Intensive Care Medicine</i> , 2021, 47, 786-789.	3.9	8
546	HIV protease inhibitors Nelfinavir and Lopinavir/Ritonavir markedly improve lung pathology in SARS-CoV-2-infected Syrian hamsters despite lack of an antiviral effect. <i>Antiviral Research</i> , 2022, 202, 105311.	1.9	8
547	A High-Throughput Yellow Fever Neutralization Assay. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	8
548	Potent neutralizing anti-SARS-CoV-2 human antibodies cure infection with SARS-CoV-2 variants in hamster model. <i>IScience</i> , 2022, 25, 104705.	1.9	8
549	Protective activity of the lipid A analogue GLA-60 against murine cytomegalovirus infection in immunodeficient mice. <i>Journal of General Virology</i> , 1993, 74, 1399-1403.	1.3	7
550	Synthesis and antiviral activity of novel derivatives of 2'-C-methylcytidine. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 605-606.	0.3	7
551	Diagnostic performance and application of two commercial cell viability assays in foot-and-mouth disease research. <i>Journal of Virological Methods</i> , 2011, 173, 108-114.	1.0	7
552	Novel substituted 9-norbornylpurines and their activities against RNA viruses. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1963-1968.	1.0	7
553	Fitness and Virulence of a Coxsackievirus Mutant That Can Circumnavigate the Need for Phosphatidylinositol 4-Kinase Class III Beta. <i>Journal of Virology</i> , 2014, 88, 3048-3051.	1.5	7
554	Mannitol treatment is not effective in therapy of rabies virus infection in mice. <i>Vaccine</i> , 2019, 37, 4710-4714.	1.7	7
555	Identification of host factors binding to dengue and Zika virus subgenomic RNA by efficient yeast three-hybrid screens of the human ORFeome. <i>RNA Biology</i> , 2021, 18, 732-744.	1.5	7
556	Double Arylation of the Indole Side Chain of Tri- and Tetrapodal Tryptophan Derivatives Renders Highly Potent HIV-1 and EV-A71 Entry Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 10027-10046.	2.9	7
557	A novel therapeutic HBV vaccine candidate induces strong polyfunctional cytotoxic T cell responses in mice. <i>JHEP Reports</i> , 2021, 3, 100295.	2.6	7
558	A Novel Class of Norovirus Inhibitors Targeting the Viral Protease with Potent Antiviral Activity In Vitro and In Vivo. <i>Viruses</i> , 2021, 13, 1852.	1.5	7



#	ARTICLE	IF	CITATIONS
559	Infections with flaviviridae. Verhandelingen - Koninklijke Academie Voor Geneeskunde Van België, 1999, 61, 661-97; discussion 697-9.	0.2	7
560	Host Defense Mechanisms Against Murine Cytomegalovirus Infection Induced by Poly I:C in Severe Combined Immune Deficient (SCID) Mice. Experimental Biology and Medicine, 1994, 207, 191-196.	1.1	6
561	Absence of Infectious Retinitis after Injection of Human Cytomegalovirus into Rabbit Eyes. Journal of Infectious Diseases, 1995, 171, 782-787.	1.9	6
562	Antiviral and immunomodulatory activity of the metal chelator ethylenediaminedisuccinic acid against cytomegalovirus in vitro and in vivo. Antiviral Research, 2002, 55, 179-188.	1.9	6
563	International research networks in viral structural proteomics: Again, lessons from SARS. Antiviral Research, 2008, 78, 47-50.	1.9	6
564	R75761, a lead compound for the development of antiviral drugs in late stage poliomyelitis eradication strategies and beyond. Antiviral Research, 2008, 78, 278-281.	1.9	6
565	Development of New Sulfur-Containing Conjugated Compounds as Anti-HCV Agents. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1144-1152.	0.8	6
566	Discovery of pyrazinone based compounds that potently inhibit the drug-resistant enzyme variant R155K of the hepatitis C virus NS3 protease. Bioorganic and Medicinal Chemistry, 2016, 24, 2603-2620.	1.4	6
567	VP1 crystal structure-guided exploration and optimization of 4,5-dimethoxybenzene-based inhibitors of rhinovirus 14 infection. European Journal of Medicinal Chemistry, 2016, 115, 453-462.	2.6	6
568	Upregulation of sodium taurocholate cotransporter polypeptide during hepatogenic differentiation of umbilical cord matrix mesenchymal stem cells facilitates hepatitis B entry. Stem Cell Research and Therapy, 2017, 8, 204.	2.4	6
569	Antiviral effects of selected nucleoside analogues against human parechoviruses A1 and A3. Antiviral Research, 2019, 162, 51-53.	1.9	6
570	Cytidine nucleoside analog is an effective antiviral drug against Trichomonasvirus. Journal of Microbiology, Immunology and Infection, 2022, 55, 191-198.	1.5	6
571	Assessing <i>In Vitro</i> Resistance Development in Enterovirus A71 in the Context of Combination Antiviral Treatment. ACS Infectious Diseases, 2021, 7, 2801-2806.	1.8	6
572	Comparing immunogenicity and protective efficacy of the yellow fever 17D vaccine in mice. Emerging Microbes and Infections, 2021, 10, 2279-2290.	3.0	6
573	SARS-CoV-2 Virion Infectivity and Cytokine Production in Primary Human Airway Epithelial Cells. Viruses, 2022, 14, 951.	1.5	6
574	Development of a Foot-and-Mouth Disease Infection Model in Severe Combined Immunodeficient Mice for the Preliminary Evaluation of Antiviral Drugs. Transboundary and Emerging Diseases, 2010, 57, 430-433.	1.3	5
575	Synthesis of novel thienonorbornylpurine derivatives. Tetrahedron, 2012, 68, 3195-3204.	1.0	5
576	Intra-host variation structure of classical swine fever virus NS5B in relation to antiviral therapy. Antiviral Research, 2013, 98, 266-272.	1.9	5

#	ARTICLE	IF	CITATIONS
577	A thiazepino[4,5-a]benzimidazole derivative hampers the RNA replication of Eurasian serotypes of foot-and-mouth disease virus. <i>Biochemical and Biophysical Research Communications</i> , 2014, 455, 378-381.	1.0	5
578	Synthesis of Novel Purine-Based Coxsackievirus Inhibitors Bearing Polycyclic Substituents at the N <sup>9</sup> Position. <i>Archiv Der Pharmazie</i> , 2014, 347, 478-485.	2.1	5
579	mTOR-inhibitors may aggravate chronic hepatitis E. <i>Journal of Hepatology</i> , 2014, 61, 720-722.	1.8	5
580	In vitro combinations containing Tegobuvir are highly efficient in curing cells from HCV replicon and in delaying/preventing the development of drug resistance. <i>Antiviral Research</i> , 2015, 120, 112-121.	1.9	5
581	NMR-based conformational analysis of 2,6-disubstituted uridines and antiviral evaluation of new phosphoramidate prodrugs. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5809-5815.	1.4	5
582	Antiviral treatment of feline immunodeficiency virus-infected cats with (R)-9-(2-phosphonylmethoxypropyl)-2,6-diaminopurine. <i>Journal of Feline Medicine and Surgery</i> , 2015, 17, 79-86.	0.6	5
583	Pan-NS3 protease inhibitors of hepatitis C virus based on an R3-elongated pyrazinone scaffold. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 453-464.	2.6	5
584	A reassessment of mycophenolic acid as a lead compound for the development of inhibitors of chikungunya virus replication. <i>Tetrahedron</i> , 2018, 74, 1294-1306.	1.0	5
585	2019 meeting of the global virus network. <i>Antiviral Research</i> , 2019, 172, 104645.	1.9	5
586	Enhanced efficacy of endonuclease inhibitor baloxavir acid against orthobunyaviruses when used in combination with ribavirin. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3189-3193.	1.3	5
587	Regioselective convergent synthesis of 2-arylidene thiazolo[3,2- <i>a</i> ]pyrimidines as potential anti-chikungunya agents. <i>RSC Advances</i> , 2020, 10, 5191-5195.	1.7	5
588	Biodistribution and environmental safety of a live-attenuated YF17D-vectored SARS-CoV-2 vaccine candidate. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 25, 215-224.	1.8	5
589	The legacy of ZikaPLAN: a transnational research consortium addressing Zika. <i>Global Health Action</i> , 2021, 14, 2008139.	0.7	5
590	Protective activity of lipid A analogue GLA-60 against murine cytomegalovirus infection in mice. <i>Journal of Medical Virology</i> , 1993, 40, 222-227.	2.5	4
591	Strategies for the treatment and prevention of cytomegalovirus infections. <i>International Journal of Antimicrobial Agents</i> , 1993, 3, 187-204.	1.1	4
592	Anti-HIV and anti-HCMV Activities of New Aurintricarboxylic Acid Analogues. <i>Antiviral Chemistry and Chemotherapy</i> , 1995, 6, 179-186.	0.3	4
593	Synthesis of 6-Arylthio Analogs of 2,3-Dideoxy-3-Fluoroguanosine and Their Effect against Hepatitis B Virus Replication. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2006, 25, 655-665.	0.4	4
594	Short and efficient access to imidazo[1,2- <i>a</i> ]pyrrolo[3,2- <i>c</i> ]pyridine derivatives. <i>Tetrahedron Letters</i> , 2010, 51, 6082-6085.	0.7	4

#	ARTICLE	IF	CITATIONS
595	Complete Genome Sequence of a Rat Hepatitis E Virus Strain Isolated in the United States. <i>Genome Announcements</i> , 2014, 2, .	0.8	4
596	Synthesis of Enantiomerically Pure 1 $\beta$ ,2 $\beta$ -cis-dideoxy, -dideoxydi $\beta$ -dehydro, -ribo and -deoxy Carbocyclic Nucleoside Analogues. <i>Synthesis</i> , 2018, 50, 2266-2280.	1.2	4
597	PI4KIII inhibitor enviroxime impedes the replication of the hepatitis C virus by inhibiting PI3 kinases. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3375-3384.	1.3	4
598	Isolation of phenanthrenes and identification of phorbol ester derivatives as potential anti-CHIKV agents using FBMN and NAP from <i>Sagotia racemosa</i> . <i>Phytochemistry</i> , 2019, 167, 112101.	1.4	4
599	The Development of RNA-KISS, a Mammalian Three-Hybrid Method to Detect RNA $\leftrightarrow$ Protein Interactions in Living Mammalian Cells. <i>Journal of Proteome Research</i> , 2020, 19, 2529-2538.	1.8	4
600	Rational modifications, synthesis and biological evaluation of new potential antivirals for RSV designed to target the M2-1 protein. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115401.	1.4	4
601	Animal experiments show impact of vaccination on reduction of SARS-CoV-2 virus circulation: A model for vaccine development?. <i>Biologicals</i> , 2021, 73, 1-7.	0.5	4
602	Preliminary report of anti-hepatitis C virus activity of chloroquine and hydroxychloroquine in huh-5-2 cell line. <i>Indian Journal of Pharmaceutical Sciences</i> , 2006, 68, 538.	1.0	4
603	Synthesis, Structure $\leftrightarrow$ Activity Relationships, and Antiviral Profiling of 1-Heteroaryl-2-Alkoxyphenyl Analogs as Inhibitors of SARS-CoV-2 Replication. <i>Molecules</i> , 2022, 27, 1052.	1.7	4
604	Detection of substances recognized by antisera directed against vertebrate somatotropin, prolactin and placental lactogen, within the brain of the insect <i>Locusta migratoria</i> : A comparison of immunocytochemical localization patterns. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1990, 97, 35-40.	0.7	3
605	Therapy for herpesvirus infections. <i>Current Opinion in Infectious Diseases</i> , 1992, 5, 816-826.	1.3	3
606	Human Cytomegalovirus Stimulates Thymidylate Synthase in Human Embryonic Lung Cells: A Possible Target for Anti-HCMV Therapy?. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 1995, 14, 1153-1156.	0.4	3
607	Budding Yeast as a Screening Tool for Discovery of Nucleoside Analogs for Use in HSV-1 TK Suicide-Gene Therapy. <i>BioTechniques</i> , 1999, 27, 772-777.	0.8	3
608	Synthesis, Antiretroviral and Antioxidant Evaluation of a Series of New Benzo[b]furan Derivatives. <i>Arzneimittelforschung</i> , 2001, 51, 156-162.	0.5	3
609	Ribavirin Derivatives with a Hexitol Moiety: Synthesis and Antiviral Evaluation. <i>Antiviral Chemistry and Chemotherapy</i> , 2003, 14, 23-30.	0.3	3
610	Cross-Metathesis Mediated Synthesis of New Acyclic Nucleoside Phosphonates. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1399-1402.	0.4	3
611	New Analogs of Acyclovir Substituted at the Side Chain. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 917-920.	0.4	3
612	Evaluation of Hexadecyloxypropyl-9- <i>R</i> -[2-(Phosphonomethoxy)Propyl]-Adenine, CMX157, as a Potential Treatment for Human Immunodeficiency Virus Type 1 and Hepatitis B Virus Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4538-4538.	1.4	3

#	ARTICLE	IF	CITATIONS
613	Conformationally locked nucleoside analogues based on the bridgehead substituted 7-oxonorbornane and their antiviral properties. Collection of Czechoslovak Chemical Communications, 2011, 76, 1549-1566.	1.0	3
614	Selecting and Characterizing Drug-Resistant Hepatitis C Virus Replicon. Methods in Molecular Biology, 2013, 1030, 93-103.	0.4	3
615	Exploring the importance of zinc binding and steric/hydrophobic factors in novel HCV replication inhibitors. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1196-1199.	1.0	3
616	Progress in human picornavirus research: New findings from the AIROPico consortium. Antiviral Research, 2019, 161, 100-107.	1.9	3
617	Assessment of the anti-norovirus activity in cell culture using the mouse norovirus: Identification of active compounds. Antiviral Chemistry and Chemotherapy, 2021, 29, 204020662110268.	0.3	3
618	Screening and in vitro antiviral assessment of small molecules against fluorescent protein-expressing Bunyamwera virus in a cell-based assay using high-content imaging. Antiviral Chemistry and Chemotherapy, 2021, 29, 204020662110334.	0.3	3
619	Ivermectin Does Not Protect against SARS-CoV-2 Infection in the Syrian Hamster Model. Microorganisms, 2022, 10, 633.	1.6	3
620	Gammaherpesviruses encode functional dihydrofolate reductase activity. Biochemical and Biophysical Research Communications, 2002, 297, 756-759.	1.0	2
621	Synthesis and Antiviral Evaluation of Ribavirin Congeners Containing a Hexitol Moiety. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 849-851.	0.4	2
622	In vivomonitoring of acute flavivirus (Modoc) encephalitis with regional and whole-brain quantitative diffusion magnetic resonance imaging. Journal of NeuroVirology, 2004, 10, 255-259.	1.0	2
623	Mouse and Hamster Models for the Study of Therapy against Flavivirus Infections. Novartis Foundation Symposium, 2008, , 218-232.	1.2	2
624	P209: Near full-length hepatitis E virus genome sequencing analysis in a chronically infected patient following ribavirin treatment failure. Journal of Viral Hepatitis, 2015, 22, 124-125.	1.0	2
625	Understanding the molecular mechanism of host-based statin resistance in hepatitis C virus replicon containing cells. Biochemical Pharmacology, 2015, 96, 190-201.	2.0	2
626	Assessment of the activity of directly acting antivirals and other products against different genotypes of hepatitis C virus prevalent in resource-poor countries. Antiviral Research, 2016, 125, 43-45.	1.9	2
627	Antiviral effect of the nucleoside analogue cidofovir in the context of sexual transmission of a gammaherpesvirus in mice. Journal of Antimicrobial Chemotherapy, 2018, 73, 2095-2103.	1.3	2
628	In vitro Assay to Assess Efficacy of Potential Antiviral Compounds against Enterovirus D68. Bio-protocol, 2017, 7, e2183.	0.2	2
629	New Conjugated Compounds Coming On Stream against Hepatitis C Virus. SM Journal of Hepatitis Research and Treatment, 2016, 2, 1-4.	0.0	2
630	Synthesis, X-ray crystallographic analysis, DFT studies and biological evaluation of triazolopyrimidines and 2-anilinopyrimidines. Journal of Molecular Structure, 2022, 1252, 132092.	1.8	2

#	ARTICLE	IF	CITATIONS
631	Metabolically Improved Stem Cell Derived Hepatocyte-Like Cells Support HBV Life Cycle and Are a Promising Tool for HBV Studies and Antiviral Drug Screenings. <i>Biomedicines</i> , 2022, 10, 268.	1.4	2
632	Potent inhibition of genital herpesvirus infection in goats by cidofovir. <i>Antiviral Therapy</i> , 2007, 12, 977-9.	0.6	2
633	Effect of polyanionic compounds on intracutaneous and intravaginal herpes virus infection in mice: Impact on the search for vaginal microbicides. <i>Antiviral Research</i> , 1995, 26, A333.	1.9	1
634	Differential antiviral activity of several IMP dehydrogenase inhibitors. <i>Antiviral Research</i> , 1997, 34, A87.	1.9	1
635	Methods in Anti-HCMV Research. , 2000, 33, 129-152.		1
636	Introduction to the Special Issue dedicated to Prof. Erik De Clercq for reaching the Professor Emeritus status at the Katholieke Universiteit Leuven. <i>Antiviral Research</i> , 2006, 71, 75-76.	1.9	1
637	482 IN VITRO COMBINATION THERAPY WITH TEGOBUVIR (GS-9190) IS HIGHLY EFFICIENT IN CURING CELLS FROM HCV REPLICON AND IN DELAYING/PREVENTING THE DEVELOPMENT OF ANTIVIRAL RESISTANCE. <i>Journal of Hepatology</i> , 2011, 54, S197-S198.	1.8	1
638	Adefovir serum levels do not differ between responders and nonresponders. <i>Journal of Viral Hepatitis</i> , 2011, 18, e175-8.	1.0	1
639	841 BC556, A POTENT, PAN-GENOTYPIC, HIGH BARRIER TO RESISTANCE, SECOND GENERATION CYCLOPHILIN INHIBITOR FOR TREATMENT OF CHRONIC HCV INFECTION. <i>Journal of Hepatology</i> , 2012, 56, S328.	1.8	1
640	The microRNA 221/222 cluster controls CVB3-induced myocarditis: could tiny microRNAs explain adverse inflammation in the heart?. <i>European Heart Journal</i> , 2013, 34, 5866-5866.	1.0	1
641	Novel symmetrical phenylenediamines as potential anti-hepatitis C virus agents. <i>Antiviral Chemistry and Chemotherapy</i> , 2015, 24, 155-160.	0.3	1
642	ID: 146. <i>Cytokine</i> , 2015, 76, 94.	1.4	1
643	Antiviral Agents Towards Chikungunya Virus: Structures, Syntheses, and Isolation from Natural Sources. , 2017, , 251-274.		1
644	New Models to Study Hepatitis E Virus Replication and Particular Characteristics of Infection: The Needle Hides in the Hay Stack. <i>Gastroenterology</i> , 2018, 154, 20-22.	0.6	1
645	Enterovirus Inhibition by Hinged Aromatic Compounds with Polynuclei. <i>Molecules</i> , 2020, 25, 3821.	1.7	1
646	Assessment of the anti-norovirus activity in cell culture using the mouse norovirus: Early mechanistic studies. <i>Antiviral Chemistry and Chemotherapy</i> , 2021, 29, 204020662110251.	0.3	1
647	Chemische Evolution antiviraler Wirkstoffe gegen Enterovirus D68 durch Proteintemplat-gesteuerte Knoevenagelreaktionen. <i>Angewandte Chemie</i> , 2021, 133, 13405-13413.	1.6	1
648	Structure-Activity Relationship Studies on Novel Antiviral Agents for Norovirus Infections. <i>Microorganisms</i> , 2021, 9, 1795.	1.6	1

#	ARTICLE	IF	CITATIONS
649	239 EMBRYOTOXICITY ASSAY FOR ANTIVIRAL COMPOUND BPIP (5-[(4-BROMOPHENYL)METHYL]-2-PHENYL-5H-IMIDAZO[4,5-c]PYRIDINE) IN BOVINE IN VITRO-PRODUCED EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2007, 19, 235.	0.1	1
650	In silico development of a novel putative inhibitor of the 3C protease of Coxsackievirus B3 with a benzene sulfonamide skeleton. <i>Journal of Pharmaceutical Chemistry</i> , 2017, 4, 25-34.	0.2	1
651	Itraconazole for COVID-19: Preclinical Studies and a Proof-of-Concept Pilot Clinical Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
652	Infectious Virus Yield Assay for Hepatitis E Virus. <i>Bio-protocol</i> , 2014, 4, .	0.2	1
653	Luminescence-based Antiviral Assay for Hepatitis E Virus. <i>Bio-protocol</i> , 2014, 4, .	0.2	1
654	Assessing the Efficacy of Small Molecule Inhibitors in a Mouse Model of Persistent Norovirus Infection. <i>Bio-protocol</i> , 2018, 8, e2831.	0.2	1
655	Restriction of Viral Replication, Rather than T Cell Immunopathology, Drives Lethality in Murine Norovirus CR6-Infected STAT1-Deficient Mice. <i>Journal of Virology</i> , 2022, 96, jvi0206521.	1.5	1
656	New inhibitors of cytomegalovirus replication: in vitro evaluation, mechanism of action, and in vivo activity. <i>Verhandelingen - Koninklijke Academie Voor Geneeskunde Van België</i> , 1994, 56, 561-92.	0.2	1
657	Organotropic dendrons with high potency as HIV-1, HIV-2 and EV-A71 cell entry inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2022, 237, 114414.	2.6	1
658	Mycophenolate Mofetil markedly enhances the antiviral activity of acyclovir, ganciclovir and penciclovir against herpes simplex virus (wild type and TK <sup>-</sup> strains) and human cytomegalovirus. <i>Antiviral Research</i> , 1997, 34, A47.	1.9	0
659	Synthesis and antiviral evaluation of benzyl-substituted thiopurine and tiazofurin derivatives. <i>Antiviral Research</i> , 1997, 34, A55.	1.9	0
660	Antiviral activity of a novel compound P-4018 against different strains of herpes simplex virus in vitro and in vivo. <i>Antiviral Research</i> , 1997, 34, A76.	1.9	0
661	Inhibitory effect of 9-(2-phosphonyl-methoxyethyl) adenine (PMEA) on hepatitis B virus replication in vitro. <i>Journal of Hepatology</i> , 1998, 28, 101.	1.8	0
662	The influences of immunosuppressive agents on HBV replication in vitro. <i>Journal of Hepatology</i> , 1998, 28, 102.	1.8	0
663	Differential anti-hepatitis B virus activity in vitro of three potent of inosine monophosphate dehydrogenase inhibitors: mycophenolic acid (MPA), 5-ethynyl-1-β-d-ribofuranosyl-midazole-4-carboxamide (EICAR) and ribavirin. <i>Journal of Hepatology</i> , 1998, 28, 103.	1.8	0
664	Spiro[pyrrolidine-2,2'-adamantanes]: Synthesis, Antiinfluenza Virus Activity and Conformational Properties.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
665	Non-Nucleoside Inhibitors of HCMV Replication. , 2003, 24, 171-181.		0
666	Conservation of the pentanucleotide motif at the top of the yellow fever virus 17D stem-loop structure is not required for replication. <i>Journal of General Virology</i> , 2007, 88, 2361-2361.	1.3	0

#	ARTICLE	IF	CITATIONS
667	Reply:. Hepatology, 2010, 51, 345-345.	3.6	0
668	789 PRECLINICAL CHARACTERIZATION OF NOVEL CYCLOPHILIN INHIBITORS BASED ON THE POLYKETIDE, SANGLIFEHRIN. Journal of Hepatology, 2011, 54, S317.	1.8	0
669	124 HEPATOCYTES DERIVED FROM HUMAN PLURIPOTENT STEM CELLS PERMIT COMPLETE REPLICATION OF THE HEPATITIS C VIRUS. Journal of Hepatology, 2012, 56, S54-S55.	1.8	0
670	705 Stimulation of Angiogenesis by Hepatitis C Virus (HCV) Non-structural Proteins. European Journal of Cancer, 2012, 48, S167.	1.3	0
671	Erratum to "Human pluripotent stem cell-derived hepatocytes support complete replication of hepatitis C virus" [Hepatology 2012;57:246-251]. Journal of Hepatology, 2013, 58, 199-200.	1.8	0
672	1194 SYNERGISTIC COMBINATIONS OF ENTRY INHIBITORS WITH DACLATASVIR OR SOFOSBUVIR FOR PREVENTION AND TREATMENT OF CHRONIC HEPATITIS C. Journal of Hepatology, 2013, 58, S486.	1.8	0
673	O118 A MUTATION IN THE HEPATITIS E VIRUS POLYMERASE ASSOCIATED WITH RIBAVIRIN TREATMENT FAILURE HAS A REPLICATION ADVANTAGE IN VITRO. Journal of Hepatology, 2014, 60, S49-S50.	1.8	0
674	P212 STEM CELL-DERIVED HEPATOCYTES AS A NOVEL IN VITRO MODEL TO STUDY HEPATOTROPIC VIRUSES. Journal of Hepatology, 2014, 60, S136.	1.8	0
675	P0692 : PKC/AP-1 signaling drives transcription of interferon-stimulated genes and exerts potent antiviral activity against hepatitis C and E viruses. Journal of Hepatology, 2015, 62, S581-S582.	1.8	0
676	Identification and Analysis of Antiviral Compounds Against Poliovirus. Methods in Molecular Biology, 2016, 1387, 325-338.	0.4	0
677	PKCA/AP-1 Drives Transcription of Interferon-Stimulated Genes and Mediates Cell-Autonomous Defense against Hepatitis E Virus. Journal of Hepatology, 2016, 64, S529.	1.8	0
678	Reply. Gastroenterology, 2016, 150, 1690-1691.	0.6	0
679	Effect of hepatitis E virus infection on the human hepatic innate immune response in human liver chimeric mice. Journal of Hepatology, 2017, 66, S246.	1.8	0
680	Hepatitis E virus replication and interferonresponse in human placental-derived cells. Journal of Hepatology, 2018, 68, S786.	1.8	0
681	Rational design of antiviral drug combinations based on equipotency using HCV subgenomic replicon as an in vitro model. Antiviral Research, 2018, 149, 150-153.	1.9	0
682	F-102 Antivirals, a lot has been achieved, yet a long way to go. Journal of Acquired Immune Deficiency Syndromes (1999), 2019, 81, 43-43.	0.9	0
683	Discovery of a Novel Class of Norovirus Inhibitors with High Barrier of Resistance. Pharmaceuticals, 2021, 14, 1006.	1.7	0
684	Antiviral Drugs. , 0, , 461-482.		0

#	ARTICLE	IF	CITATIONS
685	Chikungunya virus resistant to the antiviral favipiravir is severely attenuated in mosquitoes. Access Microbiology, 2019, 1, .	0.2	0
686	A novel class of small molecule inhibitors targeting the chikungunya virus capping machinery with a high barrier to resistance. Access Microbiology, 2019, 1, .	0.2	0
687	Title is missing!. , 2020, 18, e3000904.		0
688	Title is missing!. , 2020, 18, e3000904.		0
689	Title is missing!. , 2020, 18, e3000904.		0
690	Title is missing!. , 2020, 18, e3000904.		0
691	Title is missing!. , 2020, 18, e3000904.		0
692	Title is missing!. , 2020, 18, e3000904.		0
693	Computer-Aided Design and Synthesis of (Functionalized quinazoline)â€“(Î±-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Sciences, 2022, 23, 7646.	1.8	0