Lieve Mj Naesens

List of Publications by Year in Descending Order

238 papers	7,988 citations	47 h-index	77 g-index
261 ext. papers	8,852 ext. citations	6.1 avg, IF	5.77 L-index

#	Paper	IF	Citations
238	The SARS-CoV-2 and other human coronavirus spike proteins are fine-tuned towards temperature and proteases of the human airways. *PLoS Pathogens*, **2021**, 17, e1009500	7.6	41
237	Xanthine-Guanine-Hypoxanthine Phosphoribosyltransferase-A Putative Target for Drug Discovery against Gastrointestinal Tract Infections. *Journal of Medicinal Chemistry*, **2021**, 64, 5710-5729	8.3	1
236	Betulonic Acid Derivatives Interfering with Human Coronavirus 229E Replication via the nsp15 Endoribonuclease. *Journal of Medicinal Chemistry*, **2021**, 64, 5632-5644	8.3	9
235	Design, synthesis and anti-influenza virus activity of furan-substituted spirothiazolidinones. *Bioorganic Chemistry*, **2021**, 112, 104958	5.1	2
234	Characterization of the Carbohydrate-Binding Agents HHA, GNA, and UDA as Inhibitors of Influenza A and B Virus Replication. *Antimicrobial Agents and Chemotherapy*, **2021**, 65,	5.9	3
233	New spirothiazolidinone derivatives: Synthesis and antiviral evaluation. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2021**, 196, 294-299	1	1
232	Facile synthesis, antimicrobial and antiviral evaluation of novel substituted phenyl 1,3-thiazolidin-4-one sulfonyl derivatives. *Bioorganic Chemistry*, **2021**, 114, 105153	5.1	1
231	Exploration of the 2,3-dihydroisoindole pharmacophore for inhibition of the influenza virus PA endonuclease. *Bioorganic Chemistry*, **2021**, 116, 105388	5.1	
230	Early oseltamivir reduces risk for influenza-associated aspergillosis in a double-hit murine model. *Virulence*, **2021**, 12, 2493-2508	4.7	5
229	Overcome Double Trouble: Baloxavir Marboxil Suppresses Influenza Thereby Mitigating Secondary Invasive Pulmonary Aspergillosis.. *Journal of Fungi (Basel, Switzerland)*, **2021**, 8,	5.6	1
228	A broad influenza virus inhibitor acting via IMP dehydrogenase and in synergism with ribavirin. *Antiviral Research*, **2021**, 196, 105208	10.8	0
227	Bicyclic α-aminophosphonates as High Affinity Imidazoline I Receptor Ligands for Alzheimer's Disease. *Journal of Medicinal Chemistry*, **2020**, 63, 3610-3633	8.3	8
226	Anti-influenza virus activity of benzo[d]thiazoles that target heat shock protein 90. *Bioorganic Chemistry*, **2020**, 98, 103733	5.1	9
225	N-benzyl 4,4-disubstituted piperidines as a potent class of influenza H1N1 virus inhibitors showing a novel mechanism of hemagglutinin fusion peptide interaction. *European Journal of Medicinal Chemistry*, **2020**, 194, 112223	6.8	8
224	Reprogramming of the Antibacterial Drug Vancomycin Results in Potent Antiviral Agents Devoid of Antibacterial Activity. *Pharmaceuticals*, **2020**, 13,	5.2	11
223	Synthesis and biological evaluation of substituted phenyl azetidine-2-one sulphonyl derivatives as potential antimicrobial and antiviral agents. *Bioorganic Chemistry*, **2020**, 104, 104320	5.1	4
222	Superior inhibition of influenza virus hemagglutinin-mediated fusion by indole-substituted spirothiazolidinones. *Bioorganic and Medicinal Chemistry*, **2020**, 28, 115130	3.4	14

221	Design and synthesis of novel Imidazo[2,1-b]thiazole derivatives as potent antiviral and antimycobacterial agents. *Bioorganic Chemistry*, **2020**, 95, 103496	5.1	24
220	Discovery of dihydroxyindole-2-carboxylic acid derivatives as dual allosteric HIV-1 Integrase and Reverse Transcriptase associated Ribonuclease H inhibitors. *Antiviral Research*, **2020**, 174, 104671	10.8	9
219	Synthesis of Antiviral Perfluoroalkyl Derivatives of Teicoplanin and Vancomycin. *ChemMedChem*, **2020**, 15, 1661-1671	3.7	6
218	Synthesis and Biological Evaluation of Novel (thio)semicarbazone-Based Benzimidazoles as Antiviral Agents against Human Respiratory Viruses. *Molecules*, **2020**, 25,	4.8	19
217	Synthesis and anti-coronavirus activity of a series of 1-thia-4-azaspiro[4.5]decan-3-one derivatives. *Archiv Der Pharmazie*, **2019**, 352, e1800330	4.3	11
216	Cell line-dependent activation and antiviral activity of T-1105, the non-fluorinated analogue of T-705 (favipiravir). *Antiviral Research*, **2019**, 167, 1-5	10.8	11
215	Design, synthesis, antitubercular and antiviral properties of new spirocyclic indole derivatives. *Monatshefte F□ Chemie*, **2019**, 150, 1533-1544	1.4	11
214	Novel N-(1-thia-4-azaspiro[4.5]decan-4-yl)carboxamide derivatives as potent and selective influenza virus fusion inhibitors. *Archiv Der Pharmazie*, **2019**, 352, e1900028	4.3	2
213	Hemagglutinin Cleavability, Acid Stability, and Temperature Dependence Optimize Influenza B Virus for Replication in Human Airways. *Journal of Virology*, **2019**, 94,	6.6	17
212	Influenza virus entry via the GM3 ganglioside-mediated platelet-derived growth factor receptor □ signalling pathway. *Journal of General Virology*, **2019**, 100, 583-601	4.9	21
211	4,4-Disubstituted N-benzylpiperidines: A Novel Class of Fusion Inhibitors of Influenza Virus H1N1 Targeting a New Binding Site in Hemagglutinin. *Proceedings (mdpi)*, **2019**, 22, 108	0.3	
210	Amino acid and peptide prodrugs of diphenylpropanones positive allosteric modulators of □7 nicotinic receptors with analgesic activity. *European Journal of Medicinal Chemistry*, **2018**, 143, 157-165	6.8	6
209	Identification of influenza PA-Nter endonuclease inhibitors using pharmacophore- and docking-based virtual screening. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 4544-4550	3.4	3
208	Structure-activity relationship studies of lipophilic teicoplanin pseudoaglycon derivatives as new anti-influenza virus agents. *European Journal of Medicinal Chemistry*, **2018**, 157, 1017-1030	6.8	11
207	Synthesis, biological evaluation and molecular modeling of novel azaspiro dihydrotriazines as influenza virus inhibitors targeting the host factor dihydrofolate reductase (DHFR). *European Journal of Medicinal Chemistry*, **2018**, 155, 229-243	6.8	12
206	Prodrugs of the Phosphoribosylated Forms of Hydroxypyrazinecarboxamide Pseudobase T-705 and Its De-Fluoro Analogue T-1105 as Potent Influenza Virus Inhibitors. *Journal of Medicinal Chemistry*, **2018**, 61, 6193-6210	8.3	18
205	Synthesis and antiviral activity evaluation of new 4-thiazolidinones bearing an imidazo[2,1-b]thiazole moiety. *Marmara Pharmaceutical Journal*, **2018**, 22, 237-248		11
204	Antiviral activity and metal ion-binding properties of some 2-hydroxy-3-methoxyphenyl acylhydrazones. *BioMetals*, **2018**, 31, 81-89	3.4	2

203	Aniline-Based Inhibitors of Influenza H1N1 Virus Acting on Hemagglutinin-Mediated Fusion. *Journal of Medicinal Chemistry*, **2018**, 61, 98-118	8.3	22
202	Design of Plasmodium vivax Hypoxanthine-Guanine Phosphoribosyltransferase Inhibitors as Potential Antimalarial Therapeutics. *ACS Chemical Biology*, **2018**, 13, 82-90	4.9	15
201	Pyrrolidine nucleoside bisphosphonates as antituberculosis agents targeting hypoxanthine-guanine phosphoribosyltransferase. *European Journal of Medicinal Chemistry*, **2018**, 159, 10-22	6.8	4
200	Bis coumarinyl bis triazolothiadiazinyl ethane derivatives: Synthesis, antiviral activity evaluation, and molecular docking studies. *Synthetic Communications*, **2018**, 48, 1494-1503	1.7	10
199	Synthesis and biological evaluation of lipophilic teicoplanin pseudoaglycon derivatives containing a substituted triazole function. *Journal of Antibiotics*, **2017**, 70, 152-157	3.7	14
198	Airway proteases: an emerging drug target for influenza and other respiratory virus infections. *Current Opinion in Virology*, **2017**, 24, 16-24	7.5	68
197	Slow but Steady Wins the Race: Dissimilarities among New Dual Inhibitors of the Wild-Type and the V27A Mutant M2 Channels of Influenza A Virus. *Journal of Medicinal Chemistry*, **2017**, 60, 3727-3738	8.3	14
196	Host dihydrofolate reductase (DHFR)-directed cycloguanil analogues endowed with activity against influenza virus and respiratory syncytial virus. *European Journal of Medicinal Chemistry*, **2017**, 135, 467-478	6.8	20
195	Synthesis and evaluation of symmetric acyclic nucleoside bisphosphonates as inhibitors of the Plasmodium falciparum, Plasmodium vivax and human 6-oxopurine phosphoribosyltransferases and the antimalarial activity of their prodrugs. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 4008-4030	3.4	18
194	Diclofenac-Based Hydrazones and Spirothiazolidinones: Synthesis, Characterization, and Antimicrobial Properties. *Archiv Der Pharmazie*, **2017**, 350, 1700010	4.3	4
193	Metal-chelating properties and antiviral activity of some 2-hydroxyphenyl amides. *Polyhedron*, **2017** , 129, 97-104	2.7	5
192	Synthesis and in vitro antiviral evaluation of 4-substituted 3,4-dihydropyrimidinones. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 139-142	2.9	14
191	Synthesis and Evaluation of Asymmetric Acyclic Nucleoside Bisphosphonates as Inhibitors of Plasmodium falciparum and Human Hypoxanthine-Guanine-(Xanthine) Phosphoribosyltransferase. *Journal of Medicinal Chemistry*, **2017**, 60, 7539-7554	8.3	14
190	Chelation Motifs Affecting Metal-dependent Viral Enzymes: -acylhydrazone Ligands as Dual Target Inhibitors of HIV-1 Integrase and Reverse Transcriptase Ribonuclease H Domain. *Frontiers in Microbiology*, **2017**, 8, 440	5.7	21
189	The Influenza Virus Polymerase Complex: An Update on Its Structure, Functions, and Significance for Antiviral Drug Design. *Medicinal Research Reviews*, **2016**, 36, 1127-1173	14.4	98
188	Distinct Effects of T-705 (Favipiravir) and Ribavirin on Influenza Virus Replication and Viral RNA Synthesis. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 6679-6691	5.9	57
187	N-acylhydrazone inhibitors of influenza virus PA endonuclease with versatile metal binding modes. *Scientific Reports*, **2016**, 6, 31500	4.9	36
186	Synthesis and antiviral properties of novel indole-based thiosemicarbazides and 4-thiazolidinones. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 240-6	3.4	47

185	Novel indole-flutimide heterocycles with activity against influenza PA endonuclease and hepatitis C virus. *MedChemComm*, **2016**, 7, 447-456	5	17
184	Cidofovir is active against human papillomavirus positive and negative head and neck and cervical tumor cells by causing DNA damage as one of its working mechanisms. *Oncotarget*, **2016**, 7, 47302-47318	3.3	6
183	Inhibitory Effect of 2,3,5,6-Tetrafluoro-4-[4-(aryl)-1H-1,2,3-triazol-1-yl]benzenesulfonamide Derivatives on HIV Reverse Transcriptase Associated RNase H Activities. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	11
182	Resistance to the nucleotide analogue cidofovir in HPV(+) cells: a multifactorial process involving UMP/CMP kinase 1. *Oncotarget*, **2016**, 7, 10386-401	3.3	5
181	Crystal structures and inhibition of Trypanosoma brucei hypoxanthine-guanine phosphoribosyltransferase. *Scientific Reports*, **2016**, 6, 35894	4.9	11
180	Crystal Structures of Acyclic Nucleoside Phosphonates in Complex with Escherichia coli Hypoxanthine Phosphoribosyltransferase. *ChemistrySelect*, **2016**, 1, 6267-6276	1.8	7
179	1,6-Bis[(benzyloxy)methyl]uracil derivatives-Novel antivirals with activity against HIV-1 and influenza H1N1 virus. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 2476-85	3.4	5
178	Antiviral therapies on the horizon for influenza. *Current Opinion in Pharmacology*, **2016**, 30, 106-115	5.1	50
177	First discovery of novel 3-hydroxy-quinazoline-2,4(1H,3H)-diones as specific anti-vaccinia and adenovirus agents via Sprivileged scaffoldSrefining approach. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 5182-5186	2.9	25
176	An integrated biological approach to guide the development of metal-chelating inhibitors of influenza virus PA endonuclease. *Molecular Pharmacology*, **2015**, 87, 323-37	4.3	29
175	Alpha-carboxy nucleoside phosphonates as universal nucleoside triphosphate mimics. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 3475-80	11.5	25
174	Virtual Screening and Biological Validation of Novel Influenza Virus PA Endonuclease Inhibitors. *ACS Medicinal Chemistry Letters*, **2015**, 6, 866-71	4.3	25
173	Synthesis of a sialic acid derivative of ristocetin aglycone as an inhibitor of influenza virus. *Chemical Papers*, **2015**, 69,	1.9	1
172	New polycyclic dual inhibitors of the wild type and the V27A mutant M2 channel of the influenza A virus with unexpected binding mode. *European Journal of Medicinal Chemistry*, **2015**, 96, 318-29	6.8	17
171	First Crystal Structures of Mycobacterium tuberculosis 6-Oxopurine Phosphoribosyltransferase: Complexes with GMP and Pyrophosphate and with Acyclic Nucleoside Phosphonates Whose Prodrugs Have Antituberculosis Activity. *Journal of Medicinal Chemistry*, **2015**, 58, 4822-38	8.3	32
170	A few atoms make the difference: synthetic, CD, NMR and computational studies on antiviral and antibacterial activities of glycopeptide antibiotic aglycon derivatives. *European Journal of Medicinal Chemistry*, **2015**, 94, 73-86	6.8	9
169	Investigation of the salicylaldehyde thiosemicarbazone scaffold for inhibition of influenza virus PA endonuclease. *Journal of Biological Inorganic Chemistry*, **2015**, 20, 1109-21	3.7	37
168	Antimalarial activity of prodrugs of N-branched acyclic nucleoside phosphonate inhibitors of 6-oxopurine phosphoribosyltransferases. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 5502-10	3.4	25

167	Pronounced Inhibition Shift from HIV Reverse Transcriptase to Herpetic DNA Polymerases by Increasing the Flexibility of □Carboxy Nucleoside Phosphonates. *Journal of Medicinal Chemistry*, **2015**, 58, 8110-27	8.3	9
166	Norbornane-based nucleoside and nucleotide analogues locked in North conformation. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 184-91	3.4	13
165	Synthesis and Antimicrobial Evaluation of 6-Alkylamino-N-phenylpyrazine-2-carboxamides. *Chemical Biology and Drug Design*, **2015**, 86, 674-81	2.9	6
164	Synthesis and Biological Evaluation of N-Alkyl-3-(alkylamino)-pyrazine-2-carboxamides. *Molecules*, **2015**, 20, 8687-711	4.8	11
163	Alkylamino derivatives of N-benzylpyrazine-2-carboxamide: synthesis and antimycobacterial evaluation. *MedChemComm*, **2015**, 6, 1311-1317	5	7
162	A versatile salicyl hydrazonic ligand and its metal complexes as antiviral agents. *Journal of Inorganic Biochemistry*, **2015**, 150, 9-17	4.2	36
161	Aza-acyclic nucleoside phosphonates containing a second phosphonate group as inhibitors of the human, Plasmodium falciparum and vivax 6-oxopurine phosphoribosyltransferases and their prodrugs as antimalarial agents. *Journal of Medicinal Chemistry*, **2015**, 58, 827-46	8.3	41
160	Synthesis and Structure-Activity Relationship of N-(3-Oxo-1-Thia-4-Azaspiro[4.5]Decan-4-Yl)Carboxamide Inhibitors of Influenza Virus Hemagglutinin Mediated Fusion. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2015**, 190, 1075-1087	1	8
159	Ritter reaction-mediated syntheses of 2-oxaadamantan-5-amine, a novel amantadine analog. *Tetrahedron Letters*, **2015**, 56, 1272-1275	2	6
158	Synthesis and Preliminary Antiviral Activities of Piperidine-substituted Purines against HIV and Influenza A/H1N1 Infections. *Chemical Biology and Drug Design*, **2015**, 86, 568-77	2.9	14
157	Metal-chelating 2-hydroxyphenyl amide pharmacophore for inhibition of influenza virus endonuclease. *Molecular Pharmaceutics*, **2014**, 11, 304-16	5.6	30
156	Antiretroviral activity of metal-chelating HIV-1 integrase inhibitors. *European Journal of Medicinal Chemistry*, **2014**, 83, 594-600	6.8	17
155	Semisynthetic teicoplanin derivatives as new influenza virus binding inhibitors: synthesis and antiviral studies. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 3251-4	2.9	14
154	Azapropellanes with anti-influenza a virus activity. *ACS Medicinal Chemistry Letters*, **2014**, 5, 831-6	4.3	23
153	Easily accessible polycyclic amines that inhibit the wild-type and amantadine-resistant mutants of the M2 channel of influenza A virus. *Journal of Medicinal Chemistry*, **2014**, 57, 5738-47	8.3	44
152	Acyclic nucleoside phosphonates containing a second phosphonate group are potent inhibitors of the 6-oxopurine phosphoribosyltransferases and have antimalarial activity. *Malaria Journal*, **2014**, 13, P91	3.6	78
151	Treating HHV-6 Infections **2014**, 311-331		21
150	Synthesis of a cluster-forming sialylthio-D-galactose fullerene conjugate and evaluation of its interaction with influenza virus hemagglutinin and neuraminidase. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 2420-3	2.9	23

149	Emerging antiviral strategies to interfere with influenza virus entry. *Medicinal Research Reviews*, **2014**, 34, 301-39	14.4	81
148	Synthesis, Characterization and Biological Evaluation Against Influenza Virus Agonists of (NŒ,NŒ'E)-2,2Œ[[1,1Œbiphenyl]-4,4Œdihylbis(oxy)]bis (NŒarylmethyleneacetohydrazides). *Letters in Organic Chemistry*, **2014**, 11, 168-173	0.6	2
147	Cidofovir selectivity is based on the different response of normal and cancer cells to DNA damage. *BMC Medical Genomics*, **2013**, 6, 18	3.7	15
146	An intriguing and facile one-pot catalytic synthesis of N-alkylated lactams. *Monatshefte Fü Chemie*, **2013**, 144, 515-521	1.4	3
145	3-Azatetracyclo[5.2.1.1(5,8).0(1,5)]undecane derivatives: from wild-type inhibitors of the M2 ion channel of influenza A virus to derivatives with potent activity against the V27A mutant. *Journal of Medicinal Chemistry*, **2013**, 56, 9265-74	8.3	39
144	Mutational analysis of the binding pockets of the diketo acid inhibitor L-742,001 in the influenza virus PA endonuclease. *Journal of Virology*, **2013**, 87, 10524-38	6.6	56
143	Inhibition of the Escherichia coli 6-oxopurine phosphoribosyltransferases by nucleoside phosphonates: potential for new antibacterial agents. *Journal of Medicinal Chemistry*, **2013**, 56, 6967-84	8.3	35
142	Role of the viral hemagglutinin in the anti-influenza virus activity of newly synthesized polycyclic amine compounds. *Antiviral Research*, **2013**, 99, 281-91	10.8	21
141	Synthesis and biological evaluation of purine 2Œfluoro-2Œdeoxyriboside ProTides as anti-influenza virus agents. *ChemMedChem*, **2013**, 8, 415-25	3.7	11
140	Cidofovir treatment improves the pathology caused by the growth of human papillomavirus-positive cervical carcinoma xenografts in athymic nude mice. *Cancer Letters*, **2013**, 329, 137-45	9.9	8
139	Acyclic nucleoside phosphonates containing a second phosphonate group are potent inhibitors of 6-oxopurine phosphoribosyltransferases and have antimalarial activity. *Journal of Medicinal Chemistry*, **2013**, 56, 2513-26	8.3	52
138	Evaluation of novel acyclic nucleoside phosphonates against human and animal gammaherpesviruses revealed an altered metabolism of cyclic prodrugs upon Epstein-Barr virus reactivation in P3HR-1 cells. *Journal of Virology*, **2013**, 87, 12422-32	6.6	14
137	Role of human hypoxanthine guanine phosphoribosyltransferase in activation of the antiviral agent T-705 (favipiravir). *Molecular Pharmacology*, **2013**, 84, 615-29	4.3	72
136	Synthesis of benzopolycyclic cage amines: NMDA receptor antagonist, trypanocidal and antiviral activities. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 942-8	3.4	15
135	synthesis and preliminary biologic evaluation of 5-substituted-2-(4-substituted phenyl)-1,3-benzoxazoles as a novel class of influenza virus A inhibitors. *Chemical Biology and Drug Design*, **2012**, 79, 1018-24	2.9	4
134	Microwave assisted synthesis and anti-influenza virus activity of 1-adamantyl substituted N-(1-thia-4-azaspiro[4.5]decan-4-yl)carboxamide derivatives. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 7155-9	3.4	26
133	Synthesis of fluorescent ristocetin aglycon derivatives with remarkable antibacterial and antiviral activities. *European Journal of Medicinal Chemistry*, **2012**, 58, 361-7	6.8	10
132	Synthesis of isoindole and benzoisoindole derivatives of teicoplanin pseudoaglycon with remarkable antibacterial and antiviral activities. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 7092-6	2.9	13

131	Synthesis and Anti-influenza A Virus Activity of 2,2-Dialkylamantadines and Related Compounds. *ACS Medicinal Chemistry Letters*, **2012**, 3, 1065-9	4.3	25
130	Interaction between mouse adenovirus type 1 and cell surface heparan sulfate proteoglycans. *PLoS ONE*, **2012**, 7, e31454	3.7	12
129	Synthesis of novel aza-analogues of tiazofurin with 2-[5,5-bis(hydroxymethyl)pyrrolidin-2-yl] framework as sugar mimic. *Nucleosides, Nucleotides and Nucleic Acids*, **2012**, 31, 72-84	1.4	6
128	Arylazolyl(azinyl)thioacetanilide. Part 9: Synthesis and biological investigation of thiazolylthioacetamides derivatives as a novel class of potential antiviral agents. *Archives of Pharmacal Research*, **2012**, 35, 975-86	6.1	11
127	Synthesis and biological evaluation of pyrimidine nucleoside monophosphate prodrugs targeted against influenza virus. *Antiviral Research*, **2012**, 94, 35-43	10.8	38
126	Intracytoplasmic trapping of influenza virus by a lipophilic derivative of aglycoristocetin. *Journal of Virology*, **2012**, 86, 9416-31	6.6	29
125	Exploring the size limit of templates for inhibitors of the M2 ion channel of influenza A virus. *Journal of Medicinal Chemistry*, **2011**, 54, 2646-57	8.3	64
124	Adefovir serum levels do not differ between responders and nonresponders. *Journal of Viral Hepatitis*, **2011**, 18, e175-8	3.4	1
123	Discovery of dihydro-alkyloxy-benzyl-oxopyrimidines as promising anti-influenza virus agents. *Chemical Biology and Drug Design*, **2011**, 78, 596-602	2.9	5
122	6-oxopurine phosphoribosyltransferase: a target for the development of antimalarial drugs. *Current Topics in Medicinal Chemistry*, **2011**, 11, 2085-102	3	33
121	Synthesis and antiviral evaluation of bisnoradamantane sulfites and related compounds. *Medicinal Chemistry*, **2011**, 7, 135-9	1.8	
120	Cytotoxicity of natural compounds isolated from the seeds of Garcinia afzelii. *Planta Medica*, **2010**, 76, 708-12	3.1	14
119	Synthesis of ester prodrugs of 9-(S)-[3-hydroxy-2-(phosphonomethoxy)propyl]-2,6-diaminopurine (HPMPDAP) as anti-poxvirus agents. *Journal of Medicinal Chemistry*, **2010**, 53, 6825-37	8.3	24
118	Novel inhibitors of influenza virus fusion: structure-activity relationship and interaction with the viral hemagglutinin. *Journal of Virology*, **2010**, 84, 4277-88	6.6	124
117	Application of the phosphoramidate ProTide approach to the antiviral drug ribavirin. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 2748-55	3.4	28
116	Plasmodium vivax hypoxanthine-guanine phosphoribosyltransferase: a target for anti-malarial chemotherapy. *Molecular and Biochemical Parasitology*, **2010**, 173, 165-9	1.9	32
115	Conservation of HHV-6 DNA polymerase processivity factor sequence and predicted structure suggests it as a target for antiviral development. *Antiviral Research*, **2010**, 86, 316-9	10.8	2
114	Polycyclic N-benzamido imides with potent activity against vaccinia virus. *ChemMedChem*, **2010**, 5, 2072-8	3.7	9

113	Alkoxy-5-nitrosopyrimidines: Useful Building Block for the Generation of Biologically Active Compounds. *European Journal of Organic Chemistry*, **2010**, 2010, 3823-3830	3.2	21
112	Click reaction synthesis of carbohydrate derivatives from ristocetin aglycon with antibacterial and antiviral activity. *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 2713-7	2.9	19
111	Design and synthesis of bioactive adamantanaminoalcohols and adamantanamines. *European Journal of Medicinal Chemistry*, **2010**, 45, 5022-30	6.8	28
110	Anti-influenza virus activity and structure-activity relationship of aglycoristocetin derivatives with cyclobutenedione carrying hydrophobic chains. *Antiviral Research*, **2009**, 82, 89-94	10.8	46
109	Mouse adenovirus type 1 and human adenovirus type 5 differ in endothelial cell tropism and liver targeting. *Journal of Gene Medicine*, **2009**, 11, 119-27	3.5	12
108	Synthesis of 1,2-annulated adamantane heterocycles: structural determination studies of a bioactive cyclic sulfite. *Tetrahedron Letters*, **2009**, 50, 2671-2675	2	9
107	Cytostatic and antiviral activity evaluations of hydroxamic derivatives of some non-steroidal anti-inflammatory drugs. *Chemical Biology and Drug Design*, **2009**, 73, 328-38	2.9	5
106	Synthesis of a pericosine analogue with a bicyclo[2.2.2]octene skeleton. *Tetrahedron*, **2009**, 65, 8171-8175	2.4	5
105	Design and synthesis of 1,2-annulated adamantane piperidines with anti-influenza virus activity. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 1534-41	3.4	39
104	Synthesis and pharmacological evaluation of (2-oxaadamant-1-yl)amines. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 3198-206	3.4	19
103	Inhibition of hypoxanthine-guanine phosphoribosyltransferase by acyclic nucleoside phosphonates: a new class of antimalarial therapeutics. *Journal of Medicinal Chemistry*, **2009**, 52, 4391-9	8.3	90
102	Diazo transfer-click reaction route to new, lipophilic teicoplanin and ristocetin aglycon derivatives with high antibacterial and anti-influenza virus activity: an aggregation and receptor binding study. *Journal of Medicinal Chemistry*, **2009**, 52, 6053-61	8.3	34
101	Characterization of a cidofovir-resistant HHV-6 mutant obtained by in vitro selection. *Antiviral Research*, **2008**, 77, 237-40	10.8	28
100	Intracellular metabolism of the new antiviral compound 1-(S)-[3-hydroxy-2-(phosphonomethoxy)propyl]-5-azacytosine. *Biochemical Pharmacology*, **2008**, 76, 997-1005	6	19
99	4"-Benzoylureido-TSAO derivatives as potent and selective non-nucleoside HCMV inhibitors. Structure-activity relationship and mechanism of antiviral action. *Journal of Medicinal Chemistry*, **2008**, 51, 5823-32	8.3	22
98	Synthesis and absolute configuration of novel N,O-psiconucleosides using (R)-N-phenylpantolactam as a resolution agent. *Journal of Organic Chemistry*, **2008**, 73, 6657-65	4.2	17
97	Recovery of humoral immunity is critical for successful antiviral therapy in disseminated mouse adenovirus type 1 infection. *Antimicrobial Agents and Chemotherapy*, **2008**, 52, 1462-71	5.9	17
96	Clinical features and treatment of adenovirus infections. *Reviews in Medical Virology*, **2008**, 18, 357-74	11.7	168

95	Synthesis, cytostatic and anti-HIV evaluations of the new unsaturated acyclic C-5 pyrimidine nucleoside analogues. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 5624-34	3.4	53
94	Synthesis and antiviral evaluation of acyclic azanucleosides developed from sulfanilamide as a lead structure. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 8379-89	3.4	30
93	Synthesis and pharmacological evaluation of several ring-contracted amantadine analogs. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 9925-36	3.4	31
92	Design and synthesis of bioactive 1,2-annulated adamantane derivatives. *Organic and Biomolecular Chemistry*, **2008**, 6, 3177-85	3.9	33
91	Suboptimal Response to Adefovir Dipivoxil Therapy for Chronic Hepatitis B in Nucleoside-Naive Patients is not due to Pre-Existing Drug-Resistant Mutants. *Antiviral Therapy*, **2008**, 13, 381-388	1.6	28
90	6-(Arene)tricarbonylchromium and Manganese Complexes Linked to 2-Deoxyuridine. *Organometallics*, **2007**, 26, 5727-5730	3.8	10
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1	Evidence for influenza B virus hemagglutinin adaptation to the human host: high cleavability, acid-stability and preference for cool temperature		1