# Annelies Stevaert

List of Publications by Year
in descending order



| 25 | 882 | 516215 16 | 580395 25 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 29 | 29 | 29 | 1491 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Influenza Virus Polymerase Complex: An Update on Its Structure, Functions, and Significance for Antiviral Drug Design. Medicinal Research Reviews, 2016, 36, 1127-1173. | 5.0 | 129 |
| 2 | 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. | 2.1 | 91 |
| 3 | 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, 10524-10538. | 1.5 | 67 |
| 4 | Antiviral therapies on the horizon for influenza. Current Opinion in Pharmacology, 2016, 30, 106-115. | 1.7 | 67 |
| 5 | Synthesis and biological evaluation of pyrimidine nucleoside monophosphate prodrugs targeted against influenza virus. Antiviral Research, 2012, 94, 35-43. | 1.9 | 49 |
| 6 | N-acylhydrazone inhibitors of influenza virus PA endonuclease with versatile metal binding modes. Scientific Reports, 2016, 6, 31500. | 1.6 | 49 |
| 7 | A versatile salicyl hydrazonic ligand and its metal complexes as antiviral agents. Journal of Inorganic Biochemistry, 2015, 150, 9-17. | 1.5 | 46 |
| 8 | Investigation of the salicylaldehyde thiosemicarbazone scaffold for inhibition of influenza virus PA endonuclease. Journal of Biological Inorganic Chemistry, 2015, 20, 1109-1121. | 1.1 | 44 |
| 9 | Metal-Chelating 2-Hydroxyphenyl Amide Pharmacophore for Inhibition of Influenza Virus Endonuclease. Molecular Pharmaceutics, 2014, 11, 304-316. | 2.3 | 38 |
| 10 | Influenza virus entry via the GM3 ganglioside-mediated platelet-derived growth factor receptor Î² signalling pathway. Journal of General Virology, 2019, 100, 583-601. | 1.3 | 34 |
| 11 | An Integrated Biological Approach to Guide the Development of Metal-Chelating Inhibitors of Influenza Virus PA Endonuclease. Molecular Pharmacology, 2015, 87, 323-337. | 1.0 | 33 |
| 12 | Virtual Screening and Biological Validation of Novel Influenza Virus PA Endonuclease Inhibitors. ACS Medicinal Chemistry Letters, 2015, 6, 866-871. | 1.3 | 33 |
| 13 | Hemagglutinin Cleavability, Acid Stability, and Temperature Dependence Optimize Influenza B Virus for Replication in Human Airways. Journal of Virology, 2019, 94, . | 1.5 | 32 |
| 14 | Betulonic Acid Derivatives Interfering with Human Coronavirus 229E Replication via the nsp15 Endoribonuclease. Journal of Medicinal Chemistry, 2021, 64, 5632-5644. | 2.9 | 26 |
| 15 | Novel indoleâ€“flutimide heterocycles with activity against influenza PA endonuclease and hepatitis C virus. MedChemComm, 2016, 7, 447-456. | 3.5 | 24 |
| 16 | Chlorogenic Compounds from Coffee Beans Exert Activity against Respiratory Viruses. Planta Medica, 2017, 83, 615-623. | 0.7 | 19 |
| 17 | Structure-activity relationship studies of lipophilic teicoplanin pseudoaglycon derivatives as new anti-influenza virus agents. European Journal of Medicinal Chemistry, 2018, 157, 1017-1030. | 2.6 | 17 |
| 18 | Reprogramming of the Antibacterial Drug Vancomycin Results in Potent Antiviral Agents Devoid of Antibacterial Activity. Pharmaceuticals, 2020, 13, 139. | 1.7 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Synthesis and antiâ€coronavirus activity of a series of 1â€thiaâ€4â€azaspiro[4.5]decanâ€3â€one derivatives. Archiv Der Pharmazie, 2019, 352, e1800330. | 2.1 | 16 |
| 20 | 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. | 2.6 | 11 |
| 21 | Identification of influenza PA-Nter endonuclease inhibitors using pharmacophore- and docking-based virtual screening. Bioorganic and Medicinal Chemistry, 2018, 26, 4544-4550. | 1.4 | 9 |
| 22 | Functional Analysis of Human and Feline Coronavirus Cross-Reactive Antibodies Directed Against the SARS-CoV-2 Fusion Peptide. Frontiers in Immunology, 2021, 12, 790415. | 2.2 | 7 |
| 23 | Metal-chelating properties and antiviral activity of some 2-hydroxyphenyl amides. Polyhedron, 2017, 129, 97-104. | 1.0 | 5 |
| 24 | New spirothiazolidinone derivatives: Synthesis and antiviral evaluation. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 294-299. | 0.8 | 4 |
| 25 | Exploration of the 2,3-dihydroisoindole pharmacophore for inhibition of the influenza virus PA endonuclease. Bioorganic Chemistry, 2021, 116, 105388. | 2.0 | 3 |