

# Structure-based design of antiviral drug candidates targeting HIV-1 protease

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Evaluation of NGS-based approaches for SARS-CoV-2 whole genome characterisation. <i>Virus Evolution</i> , 2020, 6, veaa075.	4.9	124
2	Quantitative Structure–Activity Relationship Machine Learning Models and their Applications for Identifying Viral 3CLpro- and RdRp-Targeting Compounds as Potential Therapeutics for COVID-19 and Related Viral Infections. <i>ACS Omega</i> , 2020, 5, 27344-27358.	3.5	31
3	Antiviral activity of traditional medicinal plants from Ayurveda against SARS-CoV-2 infection. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 1719-1735.	3.5	26
4	Treatment for COVID-19: An overview. <i>European Journal of Pharmacology</i> , 2020, 889, 173644.	3.5	226
5	Role of proteolytic enzymes in the COVID-19 infection and promising therapeutic approaches. <i>Biochemical Pharmacology</i> , 2020, 182, 114225.	4.4	83
6	Role of heterocyclic compounds in SARS and SARS CoV-2 pandemic. <i>Bioorganic Chemistry</i> , 2020, 104, 104315.	4.1	30
7	Potential use of polyphenols in the battle against COVID-19. <i>Current Opinion in Food Science</i> , 2020, 32, 149-155.	8.0	105
8	Toward Understanding Molecular Bases for Biological Diversification of Human Coronaviruses: Present Status and Future Perspectives. <i>Frontiers in Microbiology</i> , 2020, 11, 2016.	3.5	11
9	Antiviral Drug Discovery To Address the COVID-19 Pandemic. <i>MBio</i> , 2020, 11, .	4.1	7
10	2020 update on human coronaviruses: One health, one world. <i>Medicine in Novel Technology and Devices</i> , 2020, 8, 100043.	1.6	21
11	Many small steps towards a COVID-19 drug. <i>Nature Communications</i> , 2020, 11, 5048.	12.8	18
12	Potential therapeutic use of corticosteroids as SARS CoV-2 main protease inhibitors: a computational study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 2053-2066.	3.5	14
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15	A systematic review of SARS-CoV-2 vaccine candidates. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 237.	17.1	427
16	Ebselen, Disulfiram, Carmofur, PX-12, Tideglusib, and Shikonin Are Nonspecific Promiscuous SARS-CoV-2 Main Protease Inhibitors. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1265-1277.	4.9	194
17	Unveiling the molecular mechanism of SARS-CoV-2 main protease inhibition from 137 crystal structures using algebraic topology and deep learning. <i>Chemical Science</i> , 2020, 11, 12036-12046.	7.4	62
18	Discovery of Ketone-Based Covalent Inhibitors of Coronavirus 3CL Proteases for the Potential Therapeutic Treatment of COVID-19. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 12725-12747.	6.4	371

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20	Alkaloids from <i>Cryptolepis sanguinolenta</i> as Potential Inhibitors of SARS-CoV-2 Viral Proteins: An <i>In Silico</i> Study. BioMed Research International, 2020, 2020, 1-14.	1.9	54
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