Athri D Rathnayake

List of Publications by Year
in descending order

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Version: 2024-02-01

14	538	932766 10	1058022 14
papers	citations	h-index	g-index

14	14	14	1004
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3C-like protease inhibitors block coronavirus replication in vitro and improve survival in MERS-CoVâ€“infected mice. Science Translational Medicine, 2020, 12, .	5.8	187
2	Structure-guided design of potent and permeable inhibitors of MERS coronavirus 3CL protease that utilize a piperidine moiety as a novel design element. European Journal of Medicinal Chemistry, 2018, 150, 334-346.	2.6	96
3	Antiviral Drug Discovery: Norovirus Proteases and Development of Inhibitors. Viruses, 2019, 11, 197.	1.5	55
4	Structure-Guided Design of Conformationally Constrained Cyclohexane Inhibitors of Severe Acute Respiratory Syndrome Coronavirus-2 3CL Protease. Journal of Medicinal Chemistry, 2021, 64, 10047-10058.	2.9	38
5	Protease inhibitors broadly effective against feline, ferret and mink coronaviruses. Antiviral Research, 2018, 160, 79-86.	1.9	31
6	Structure-Guided Design of Potent Inhibitors of SARS-CoV-2 3CL Protease: Structural, Biochemical, and Cell-Based Studies. Journal of Medicinal Chemistry, 2021, 64, 17846-17865.	2.9	22
7	Characterization of amino acid substitutions in feline coronavirus 3C-like protease from a cat with feline infectious peritonitis treated with a protease inhibitor. Veterinary Microbiology, 2019, 237, 108398.	0.8	21
8	Structure-based exploration and exploitation of the S4 subsite of norovirus 3CL protease in the design of potent and permeable inhibitors. European Journal of Medicinal Chemistry, 2017, 126, 502-516.	2.6	20
9	Structure-Guided Design of Potent Spirocyclic Inhibitors of Severe Acute Respiratory Syndrome Coronavirus-2 3C-like Protease. Journal of Medicinal Chemistry, 2022, 65, 7818-7832.	2.9	20
10	Design, Synthesis, and Evaluation of Novel Prodrugs of Transition State Inhibitors of Norovirus 3CL Protease. Journal of Medicinal Chemistry, 2017, 60, 6239-6248.	2.9	19
11	Structure-Guided Optimization of Dipeptidyl Inhibitors of Norovirus 3CL Protease. Journal of Medicinal Chemistry, 2020, 63, 11945-11963.	2.9	10
12	Structure-guided design, synthesis and evaluation of oxazolidinone-based inhibitors of norovirus 3CL protease. European Journal of Medicinal Chemistry, 2018, 143, 881-890.	2.6	8
13	Putative structural rearrangements associated with the interaction of macrocyclic inhibitors with norovirus 3CL protease. Proteins: Structure, Function and Bioinformatics, 2019, 87, 579-587.	1.5	7
14	Determination of in-vitro equivalence of paracetamol tablets. International Journal of Multidisciplinary Studies, 2018, 1, 75.	0.2	4