

Athri D Rathnayake

List of Publications by Year in descending order

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14
papers

538
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932766

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1004
citing authors

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