Vishnu C Damalanka

List of Publications by Year
in descending order

14	383	933447 10	1058476 14
papers	citations	h-index	g-index

15	15	15	564
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	5.5	96
2	A novel class of TMPRSS2 inhibitors potently block SARS-CoV-2 and MERS-CoV viral entry and protect human epithelial lung cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	54
3	Structure-Guided Design and Optimization of Dipeptidyl Inhibitors of Norovirus 3CL Protease. Structureâ€“Activity Relationships and Biochemical, X-ray Crystallographic, Cell-Based, and In Vivo Studies. Journal of Medicinal Chemistry, 2015, 58, 3144-3155.	6.4	51
4	Structure-based design and synthesis of triazole-based macrocyclic inhibitors of norovirus protease: Structural, biochemical, spectroscopic, and antiviral studies. European Journal of Medicinal Chemistry, 2016, 119, 300-318.	5.5	30
5	Potent inhibition of enterovirus D68 and human rhinoviruses by dipeptidyl aldehydes and Î±-ketoamides. Antiviral Research, 2016, 125, 84-91.	4.1	25
6	Oxadiazole-Based Cell Permeable Macrocyclic Transition State Inhibitors of Norovirus 3CL Protease. Journal of Medicinal Chemistry, 2016, 59, 1899-1913.	6.4	24
7	Discovery of Selective Matriptase and Hepsin Serine Protease Inhibitors: Useful Chemical Tools for Cancer Cell Biology. Journal of Medicinal Chemistry, 2019, 62, 480-490.	6.4	22
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.	5.5	20
9	Recent progress on inhibitors of the type II transmembrane serine proteases, hepsin, matriptase and matriptase-2. Future Medicinal Chemistry, 2019, 11, 743-769.	2.3	14
10	Design, synthesis, and evaluation of a novel series of macrocyclic inhibitors of norovirus 3CL protease. European Journal of Medicinal Chemistry, 2017, 127, 41-61.	5.5	12
11	Structure-guided design, synthesis and evaluation of oxazolidinone-based inhibitors of norovirus 3CL protease. European Journal of Medicinal Chemistry, 2018, 143, 881-890.	5.5	8
12	Piperidine carbamate peptidomimetic inhibitors of the serine proteases HGFA, matriptase and hepsin. MedChemComm, 2019, 10, 1646-1655.	3.4	8
13	Macrocyclic Inhibitors of HGF-Activating Serine Proteases Overcome Resistance to Receptor Tyrosine Kinase Inhibitors and Block Lung Cancer Progression. Journal of Medicinal Chemistry, 2021, 64, 18158-18174.	6.4	8
14	Novel approaches to glycomimetic design: development of small molecular weight lectin antagonists. Expert Opinion on Drug Discovery, 2021, 16, 513-536.	5.0	5