Gordon J Lockbaum

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8483713/publications.pdf

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14	373	933447	996975
papers	citations	10	15
		h-index	g-index

18	18	18	399
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal Structure of SARS-CoV-2 Main Protease in Complex with the Non-Covalent Inhibitor ML188. Viruses, 2021, 13, 174.	3.3	80
2	Defining the substrate envelope of SARS-CoV-2 main protease to predict and avoid drug resistance. Nature Communications, 2022, 13, .	12.8	63
3	Drug Design Strategies to Avoid Resistance in Direct-Acting Antivirals and Beyond. Chemical Reviews, 2021, 121, 3238-3270.	47.7	40
4	Picomolar to Micromolar: Elucidating the Role of Distal Mutations in HIV-1 Protease in Conferring Drug Resistance. ACS Chemical Biology, 2019, 14, 2441-2452.	3.4	36
5	Structural Adaptation of Darunavir Analogues against Primary Mutations in HIV-1 Protease. ACS Infectious Diseases, 2019, 5, 316-325.	3.8	27
6	HIV-1 Protease Inhibitors Incorporating Stereochemically Defined P2â€² Ligands To Optimize Hydrogen Bonding in the Substrate Envelope. Journal of Medicinal Chemistry, 2019, 62, 8062-8079.	6.4	21
7	Pan-3C Protease Inhibitor Rupintrivir Binds SARS-CoV-2 Main Protease in a Unique Binding Mode. Biochemistry, 2021, 60, 2925-2931.	2.5	21
8	Quinoxaline-Based Linear HCV NS3/4A Protease Inhibitors Exhibit Potent Activity against Drug Resistant Variants. ACS Medicinal Chemistry Letters, 2018, 9, 691-696.	2.8	16
9	Molecular Determinants of Epistasis in HIV-1 Protease: Elucidating the Interdependence of L89V and L90M Mutations in Resistance. Biochemistry, 2019, 58, 3711-3726.	2.5	15
10	Avoiding Drug Resistance by Substrate Envelope-Guided Design: Toward Potent and Robust HCV NS3/4A Protease Inhibitors. MBio, 2020, 11, .	4.1	15
11	Inhibiting HTLV-1 Protease: A Viable Antiviral Target. ACS Chemical Biology, 2021, 16, 529-538.	3.4	12
12	Unique structural solution from a VH3-30 antibody targeting the hemagglutinin stem of influenza A viruses. Nature Communications, 2021, 12, 559.	12.8	11
13	Structural Analysis of Potent Hybrid HIV-1 Protease Inhibitors Containing Bis-tetrahydrofuran in a Pseudosymmetric Dipeptide Isostere. Journal of Medicinal Chemistry, 2020, 63, 8296-8313.	6.4	6
14	Optimizing the refinement of merohedrally twinned P61 HIV-1 proteaseâ€“inhibitor cocrystal structures. Acta Crystallographica Section D: Structural Biology, 2020, 76, 302-310.	2.3	1