Alexander Pflug

List of Publications by Year
in descending order

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18	1,565	687363 13	839539 18
papers	citations	h-index	g-index

20	20	20	1747
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure of influenza A polymerase bound to the viral RNA promoter. Nature, 2014, 516, 355-360.	27.8	404
2	Structural insight into cap-snatching and RNA synthesis by influenza polymerase. Nature, 2014, 516, 361-366.	27.8	376
3	Capped RNA primer binding to influenza polymerase and implications for the mechanism of cap-binding inhibitors. Nucleic Acids Research, 2018, 46, 956-971.	14.5	154
4	Structural insights into RNA synthesis by the influenza virus transcription-replication machine. Virus Research, 2017, 234, 103-117.	2.2	143
5	Influenza Polymerase Can Adopt an Alternative Configuration Involving a Radical Repacking of PB2 Domains. Molecular Cell, 2016, 61, 125-137.	9.7	123
6	Structural basis of an essential interaction between influenza polymerase and Pol II CTD. Nature, 2017, 541, 117-121.	27.8	98
7	A Structure-Based Model for the Complete Transcription Cycle of Influenza Polymerase. Cell, 2020, 181, 877-893.e21.	28.9	90
8	Agrobacterium tumefaciens-mediated transformation of Cleome gynandra L., a C4 dicotyledon that is closely related to Arabidopsis thaliana. Journal of Experimental Botany, 2010, 61, 1311-1319.	4.8	28
9	Diversity of Bisubstrate Binding Modes of Adenosine Analogueâ€“Oligoarginine Conjugates in Protein Kinase A and Implications for Protein Substrate Interactions. Journal of Molecular Biology, 2010, 403, 66-77.	4.2	27
10	Structural basis of eukaryotic cell targeting by type III secretion system (T3SS) effectors. Research in Microbiology, 2013, 164, 605-619.	2.1	24
11	Bifunctional Ligands for Inhibition of Tight-Binding Proteinâ€“Protein Interactions. Bioconjugate Chemistry, 2016, 27, 1900-1910.	3.6	19
12	Mutants of protein kinase A that mimic the ATP-binding site of Aurora kinase. Biochemical Journal, 2011, 440, 85-93.	3.7	14
13	Optimization of an Imidazo[1,2-a]pyridine Series to Afford Highly Selective Type I1/2 Dual Mer/Axl Kinase Inhibitors with In Vivo Efficacy. Journal of Medicinal Chemistry, 2021, 64, 13524-13539.	6.4	13
14	Anomalous dispersion analysis of inhibitor flexibility: a case study of the kinase inhibitor H-89. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 873-877.	0.7	12
15	Generating Selective Leads for Mer Kinase Inhibitorsâ€”Example of a Comprehensive Lead-Generation Strategy. Journal of Medicinal Chemistry, 2021, 64, 3165-3184.	6.4	11
16	Type B and type A influenza polymerases have evolved distinct binding interfaces to recruit the RNA polymerase II CTD. PLoS Pathogens, 2022, 18, e1010328.	4.7	11
17	A-loop interactions in Mer tyrosine kinase give rise to inhibitors with two-step mechanism and long residence time of binding. Biochemical Journal, 2020, 477, 4443-4452.	3.7	10
18	Structural origins of AGC protein kinase inhibitor selectivities: PKA as a drug discovery tool. Biological Chemistry, 2012, 393, 1121-1129.	2.5	7