

Pius S Padayatti

List of Publications by Year in descending order

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papers

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docs citations

9
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Insights into the Lipid A Transport Pathway in MsbA. Structure, 2019, 27, 1114-1123.e3.	3.3	41
2	Critical Role of Water Molecules in Proton Translocation by the Membrane-Bound Transhydrogenase. Structure, 2017, 25, 1111-1119.e3.	3.3	12
3	Proton-Translocating Nicotinamide Nucleotide Transhydrogenase: A Structural Perspective. Frontiers in Physiology, 2017, 8, 1089.	2.8	24
4	Rational Design of a β -Lactamase Inhibitor Achieved via Stabilization of the trans-Enamine Intermediate: A 1.28 Å... Crystal Structure of wtSHV-1 Complex with a Penam Sulfone. Journal of the American Chemical Society, 2006, 128, 13235-13242.	13.7	51
5	Effect of the Inhibitor-Resistant M69V Substitution on the Structures and Populations of trans-Enamine β -Lactamase Intermediates. Biochemistry, 2006, 45, 11895-11904.	2.5	52
6	High Resolution Crystal Structures of the trans-Enamine Intermediates Formed by Sulbactam and Clavulanic Acid and E166A SHV-1 β -Lactamase. Journal of Biological Chemistry, 2005, 280, 34900-34907.	3.4	66
7	Structural insights into the regulation and the activation mechanism of mammalian guanylyl cyclases. , 2004, 104, 83-99.		47
8	Tazobactam Forms a Stoichiometric trans-Enamine Intermediate in the E166A Variant of SHV-1 β -Lactamase: A 1.63 Å... Crystal Structure. Biochemistry, 2004, 43, 843-848.	2.5	67
9	High concentrations of glucose induce synthesis of argpyrimidine in retinal endothelial cells. Current Eye Research, 2001, 23, 106-115.	1.5	39