

Pius S Padayatti

List of Publications by Year in descending order

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9
papers

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424
citing authors

#	ARTICLE	IF	CITATIONS
1	Tazobactam Forms a Stoichiometric trans-Enamine Intermediate in the E166A Variant of SHV-1 β -Lactamase: $\approx 1.63 \text{ \AA}$... Crystal Structure. <i>Biochemistry</i> , 2004, 43, 843-848.	2.5	67
2	High Resolution Crystal Structures of the trans-Enamine Intermediates Formed by Sulbactam and Clavulanic Acid and E166A SHV-1 β -Lactamase. <i>Journal of Biological Chemistry</i> , 2005, 280, 34900-34907.	3.4	66
3	Effect of the Inhibitor-Resistant M69V Substitution on the Structures and Populations of trans-Enamine β -Lactamase Intermediates. <i>Biochemistry</i> , 2006, 45, 11895-11904.	2.5	52
4	Rational Design of a β -Lactamase Inhibitor Achieved via Stabilization of the trans-Enamine Intermediate: $\approx 1.28 \text{ \AA}$... Crystal Structure of wtSHV-1 Complex with a Penam Sulfone. <i>Journal of the American Chemical Society</i> , 2006, 128, 13235-13242.	13.7	51
5	Structural insights into the regulation and the activation mechanism of mammalian guanylyl cyclases. <i>J Biol Chem</i> , 2004, 279, 83-99.		47
6	Structural Insights into the Lipid A Transport Pathway in MsbA. <i>Structure</i> , 2019, 27, 1114-1123.e3.	3.3	41
7	High concentrations of glucose induce synthesis of argpyrimidine in retinal endothelial cells. <i>Current Eye Research</i> , 2001, 23, 106-115.	1.5	39
8	Proton-Translocating Nicotinamide Nucleotide Transhydrogenase: A Structural Perspective. <i>Frontiers in Physiology</i> , 2017, 8, 1089.	2.8	24
9	Critical Role of Water Molecules in Proton Translocation by the Membrane-Bound Transhydrogenase. <i>Structure</i> , 2017, 25, 1111-1119.e3.	3.3	12