Ritcha Mehra-Chaudhary

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11160312/publications.pdf

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12	232	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trapping conformational states of a flavin-dependent N-monooxygenase in crystallo reveals protein and flavin dynamics. Journal of Biological Chemistry, 2020, 295, 13239-13249.	3.4	13
2	The Structure of the Antibiotic Deactivating, N-hydroxylating Rifampicin Monooxygenase. Journal of Biological Chemistry, 2016, 291, 21553-21562.	3.4	36
3	Identification of an essential activeâ€site residue in the Î±â€<scp>d</scp>â€phosphohexomutase enzyme superfamily. FEBS Journal, 2013, 280, 2622-2632.	4.7	12
4	Solution NMR of a 463-Residue Phosphohexomutase: Domain 4 Mobility, Substates, and Phosphoryl Transfer Defect. Biochemistry, 2012, 51, 807-819.	2.5	12
5	Conservation of Functionally Important Global Motions in an Enzyme Superfamily across Varying Quaternary Structures. Journal of Molecular Biology, 2012, 423, 831-846.	4.2	13
6	Quaternary structure, conformational variability and global motions of phosphoglucosamine mutase. FEBS Journal, 2011, 278, 3298-3307.	4.7	10
7	Crystal structure of a bacterial phosphoglucomutase, an enzyme involved in the virulence of multiple human pathogens. Proteins: Structure, Function and Bioinformatics, 2011, 79, 1215-1229.	2.6	29
8	Crystal Structure of Bacillus anthracis Phosphoglucosamine Mutase, an Enzyme in the Peptidoglycan Biosynthetic Pathway. Journal of Bacteriology, 2011, 193, 4081-4087.	2.2	39
9	Breaking the covalent connection: Chain connectivity and the catalytic reaction of PMM/PGM. Protein Science, 2010, 19, 1235-1242.	7.6	10
10	Domain motion and interdomain hot spots in a multidomain enzyme. Protein Science, 2010, 19, 1662-1672.	7.6	21
11	Crystallization and initial crystallographic analysis of phosphoglucosamine mutase fromBacillus anthracis. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 733-735.	0.7	5
12	Backbone Flexibility, Conformational Change, and Catalysis in a Phosphohexomutase from Pseudomonas aeruginosa. Biochemistry, 2008, 47, 9154-9162.	2.5	32