

Mishtu Dey

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

225
citations

1039406

9
h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for allosteric regulation of pyruvate kinase M2 by phosphorylation and acetylation. <i>Journal of Biological Chemistry</i> , 2020, 295, 17425-17440.	1.6	27
2	Biochemical and structural insights into how amino acids regulate pyruvate kinase muscle isoform 2. <i>Journal of Biological Chemistry</i> , 2020, 295, 5390-5403.	1.6	13
3	Mechanistic and Structural Insights into Cysteine-Mediated Inhibition of Pyruvate Kinase Muscle Isoform 2. <i>Biochemistry</i> , 2019, 58, 3669-3682.	1.2	11
4	Isolation and Assays of Bacterial Dimethylsulfonylpropionate Lyases. <i>Methods in Enzymology</i> , 2018, 605, 291-323.	0.4	1
5	Structural and Biochemical Insights into Dimethylsulfonylpropionate Cleavage by Cofactor-Bound DddK from the Prolific Marine Bacterium <i>Pelagibacter</i> . <i>Biochemistry</i> , 2017, 56, 2873-2885.	1.2	26
6	<i>Bacillus anthracis</i> Prolyl 4-Hydroxylase Interacts with and Modifies Elongation Factor Tu. <i>Biochemistry</i> , 2017, 56, 5771-5785.	1.2	9
7	Structural Investigation of a Dimeric Variant of Pyruvate Kinase Muscle Isoform 2. <i>Biochemistry</i> , 2017, 56, 6517-6520.	1.2	9
8	Enzymology of Microbial Dimethylsulfonylpropionate Catabolism. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017, 109, 195-222.	1.0	8
9	Structural analysis of cofactor binding for a prolyl 4-hydroxylase from the pathogenic bacterium <i>Bacillus anthracis</i> . <i>Acta Crystallographica Section D: Structural Biology</i> , 2016, 72, 675-681.	1.1	9
10	New Mechanistic Insight from Substrate- and Product-Bound Structures of the Metal-Dependent Dimethylsulfonylpropionate Lyase DddQ. <i>Biochemistry</i> , 2016, 55, 6162-6174.	1.2	21
11	<i>Bacillus anthracis</i> Prolyl 4-Hydroxylase Modifies Collagen-like Substrates in Asymmetric Patterns. <i>Journal of Biological Chemistry</i> , 2016, 291, 13360-13374.	1.6	15
12	Biochemical, Kinetic, and Spectroscopic Characterization of <i>Ruegeria pomeroyi</i> DddW ϵ A Mononuclear Iron-Dependent DMSP Lyase. <i>PLoS ONE</i> , 2015, 10, e0127288.	1.1	40
13	Structural Basis of Regiospecificity of a Mononuclear Iron Enzyme in Antibiotic Fosfomycin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2011, 133, 11262-11269.	6.6	36