

# Mishtu Dey

## List of Publications by Year in descending order

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