

Lisa S Mydy

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

148
citations

1307594

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1281871

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g-index

14
all docs

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docs citations

14
times ranked

139
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery and biosynthesis of cyclic plant peptides via autocatalytic cyclases. <i>Nature Chemical Biology</i> , 2022, 18, 18-28.	8.0	36
2	Structural and functional delineation of aerobactin biosynthesis in hypervirulent <i>Klebsiella pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 7841-7852.	3.4	33
3	Gene-Guided Discovery and Ribosomal Biosynthesis of Moroidin Peptides. <i>Journal of the American Chemical Society</i> , 2022, 144, 7686-7692.	13.7	16
4	Human Glycerol 3-Phosphate Dehydrogenase: X-ray Crystal Structures That Guide the Interpretation of Mutagenesis Studies. <i>Biochemistry</i> , 2019, 58, 1061-1073.	2.5	15
5	Modeling the Role of a Flexible Loop and Active Site Side Chains in Hydride Transfer Catalyzed by Glycerol-3-phosphate Dehydrogenase. <i>ACS Catalysis</i> , 2020, 10, 11253-11267.	11.2	14
6	Plant Copper Metalloenzymes As Prospects for New Metabolism Involving Aromatic Compounds. <i>Frontiers in Plant Science</i> , 2021, 12, 692108.	3.6	12
7	The Siderophore Synthetase <i>lucA</i> of the Aerobactin Biosynthetic Pathway Uses an Ordered Mechanism. <i>Biochemistry</i> , 2020, 59, 2143-2153.	2.5	11
8	An acyl-adenylate mimic reveals the structural basis for substrate recognition by the iterative siderophore synthetase <i>DesD</i> . <i>Journal of Biological Chemistry</i> , 2022, , 102166.	3.4	5
9	<i>Sbi00515</i> , a Protein of Unknown Function from <i>Streptomyces bingchenggensis</i> , Highlights the Functional Versatility of the Acetoacetate Decarboxylase Scaffold. <i>Biochemistry</i> , 2015, 54, 3978-3988.	2.5	3
10	<i>Swit_4259</i> , an acetoacetate decarboxylase-like enzyme from <i>Sphingomonas wittichii</i> RW1. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2017, 73, 672-681.	0.8	2
11	Mechanistic Studies of the <i>Streptomyces bingchenggensis</i> Aldolase-Dehydratase: Implications for Substrate and Reaction Specificity in the Acetoacetate Decarboxylase-like Superfamily. <i>Biochemistry</i> , 2019, 58, 4136-4147.	2.5	1