

Lautaro Diacovich

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

883
citations

759055

12
h-index

887953

17
g-index

22
all docs

22
docs citations

22
times ranked

1782
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial manipulation of innate immunity to promote infection. <i>Nature Reviews Microbiology</i> , 2010, 8, 117-128.	13.6	243
2	Fatty acid biosynthesis in actinomycetes. <i>FEMS Microbiology Reviews</i> , 2011, 35, 475-497.	3.9	140
3	Biochemical and Structural Characterization of an Essential Acyl Coenzyme A Carboxylase from <i>Mycobacterium tuberculosis</i> . <i>Journal of Bacteriology</i> , 2006, 188, 477-486.	1.0	79
4	Kinetic and Structural Analysis of a New Group of Acyl-CoA Carboxylases Found in <i>Streptomyces coelicolor</i> A3(2). <i>Journal of Biological Chemistry</i> , 2002, 277, 31228-31236.	1.6	74
5	Crystal Structure of the β -Subunit of Acyl-CoA Carboxylase: A Structure-Based Engineering of Substrate Specificity. <i>Biochemistry</i> , 2004, 43, 14027-14036.	1.2	72
6	Lipid metabolism and its implication in mycobacteria-host interaction. <i>Current Opinion in Microbiology</i> , 2018, 41, 36-42.	2.3	54
7	Interaction between the SifA Virulence Factor and Its Host Target SKIP Is Essential for <i>Salmonella</i> Pathogenesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 33151-33160.	1.6	52
8	Crystal Structures and Mutational Analyses of Acyl-CoA Carboxylase β Subunit of <i>Streptomyces coelicolor</i> . <i>Biochemistry</i> , 2010, 49, 7367-7376.	1.2	36
9	The infectious intracellular lifestyle of <i>Salmonella enterica</i> relies on the adaptation to nutritional conditions within the <i>Salmonella</i> -containing vacuole. <i>Virulence</i> , 2017, 8, 975-992.	1.8	36
10	Pleiotropic Effect of AccD5 and AccE5 Depletion in Acyl-Coenzyme A Carboxylase Activity and in Lipid Biosynthesis in <i>Mycobacteria</i> . <i>PLoS ONE</i> , 2014, 9, e99853.	1.1	22
11	<i>Mycobacterium tuberculosis</i> FasR senses long fatty acyl-CoA through a tunnel and a hydrophobic transmission spine. <i>Nature Communications</i> , 2020, 11, 3703.	5.8	16
12	Light Modulates Important Pathogenic Determinants and Virulence in ESKAPE Pathogens <i>Acinetobacter baumannii</i> , <i>Pseudomonas aeruginosa</i> , and <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2021, 203, .	1.0	16
13	Functional reconstitution of the <i>Mycobacterium tuberculosis</i> long-chain acyl-CoA carboxylase from multiple acyl-CoA subunits. <i>FEBS Journal</i> , 2017, 284, 1110-1125.	2.2	12
14	3-methylcrotonyl Coenzyme A (CoA) carboxylase complex is involved in the <i>Xanthomonas citri</i> subsp. <i>citri</i> lifestyle during citrus infection. <i>PLoS ONE</i> , 2018, 13, e0198414.	1.1	11
15	KDM2B regulates choline kinase expression and neuronal differentiation of neuroblastoma cells. <i>PLoS ONE</i> , 2019, 14, e0210207.	1.1	6
16	trans-3-Methylglutaconyl CoA isomerization-dependent protein acylation. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 261-265.	1.0	5
17	Blue light directly modulates the quorum network in the human pathogen <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2021, 11, 13375.	1.6	4
18	Components and Key Regulatory Steps of Lipid Biosynthesis in Actinomycetes. , 2019, , 409-433.		2

#	ARTICLE	IF	CITATIONS
19	Components and Key Regulatory Steps of Lipid Biosynthesis in Actinomycetes. , 2018, , 1-25.		2
20	Crystal structure of the <i>Mycobacterium tuberculosis</i> transcriptional regulator FasR. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C162-C162.	0.0	0