

Heidi Crosby

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,608
citations

430874

18
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

2151
citing authors

#	ARTICLE	IF	CITATIONS
1	The mechanisms of iron isotope fractionation produced during dissimilatory Fe(III) reduction by <i>Shewanella putrefaciens</i> and <i>Geobacter sulfurreducens</i> . <i>Geobiology</i> , 2007, 5, 169-189.	2.4	224
2	Coupled Fe(II)→Fe(III) Electron and Atom Exchange as a Mechanism for Fe Isotope Fractionation during Dissimilatory Iron Oxide Reduction. <i>Environmental Science & Technology</i> , 2005, 39, 6698-6704.	10.0	204
3	The <i>Staphylococcus aureus</i> Global Regulator MgrA Modulates Clumping and Virulence by Controlling Surface Protein Expression. <i>PLoS Pathogens</i> , 2016, 12, e1005604.	4.7	128
4	3-Hydroxyemodin Limits <i>Staphylococcus aureus</i> Quorum Sensing-Mediated Pathogenesis and Inflammation. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2223-2235.	3.2	110
5	<i>Staphylococcus aureus</i> Aggregation and Coagulation Mechanisms, and Their Function in Host-Pathogen Interactions. <i>Advances in Applied Microbiology</i> , 2016, 96, 1-41.	2.4	107
6	<i>Castanea sativa</i> (European Chestnut) Leaf Extracts Rich in Ursene and Oleanene Derivatives Block <i>Staphylococcus aureus</i> Virulence and Pathogenesis without Detectable Resistance. <i>PLoS ONE</i> , 2015, 10, e0136486.	2.5	92
7	Identification of the Biosynthetic Gene Cluster and an Additional Gene for Resistance to the Antituberculosis Drug Capreomycin. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4162-4170.	3.1	90
8	Reversible N ⁶ -lysine acetylation regulates the activity of acyl-CoA synthetases involved in anaerobic benzoate catabolism in <i>Rhodopseudomonas palustris</i> . <i>Molecular Microbiology</i> , 2010, 76, 874-888.	2.5	80
9	System-wide Studies of N-Lysine Acetylation in <i>Rhodopseudomonas palustris</i> Reveal Substrate Specificity of Protein Acetyltransferases. <i>Journal of Biological Chemistry</i> , 2012, 287, 15590-15601.	3.4	80
10	The <i>Staphylococcus aureus</i> ArlRS Two-Component System Is a Novel Regulator of Agglutination and Pathogenesis. <i>PLoS Pathogens</i> , 2013, 9, e1003819.	4.7	78
11	Hyaluronan Modulation Impacts <i>Staphylococcus aureus</i> Biofilm Infection. <i>Infection and Immunity</i> , 2016, 84, 1917-1929.	2.2	75
12	Evidence for equilibrium iron isotope fractionation by nitrate-reducing iron(II)-oxidizing bacteria. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2826-2842.	3.9	72
13	Not is a key regulator of <i>Staphylococcus aureus</i> biofilm formation. <i>Molecular Microbiology</i> , 2015, 96, 388-404.	2.5	64
14	<i>Staphylococcus aureus</i> Nuc2 Is a Functional, Surface-Attached Extracellular Nuclease. <i>PLoS ONE</i> , 2014, 9, e95574.	2.5	58
15	In <i>Salmonella enterica</i> , the sirtuin-dependent protein acylation/deacylation system (SDPADS) maintains energy homeostasis during growth on low concentrations of acetate. <i>Molecular Microbiology</i> , 2011, 80, 168-183.	2.5	44
16	Impacts of plant roots on soil CO cycling and soil-atmosphere CO exchange. <i>Global Change Biology</i> , 2002, 8, 1085-1093.	9.5	36
17	Structure-Guided Expansion of the Substrate Range of Methylmalonyl Coenzyme A Synthetase (MatB) of <i>Rhodopseudomonas palustris</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 6619-6629.	3.1	33
18	The Acetylation Motif in AMP-Forming Acyl Coenzyme A Synthetases Contains Residues Critical for Acetylation and Recognition by the Protein Acetyltransferase Pat of <i>Rhodopseudomonas palustris</i> . <i>Journal of Bacteriology</i> , 2014, 196, 1496-1504.	2.2	21

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19	Structural Insights into the Substrate Specificity of the Rhodopseudomonas palustris Protein Acetyltransferase RpPat. Journal of Biological Chemistry, 2012, 287, 41392-41404.	3.4	12