Dustin J Little

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11115269/publications.pdf

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19	807	516215 16	794141 19
papers	citations	h-index	g-index

21	21	21	1040
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of Poly-N-acetylglucosamine as a Major Polysaccharide Component of the Bacillus subtilis Biofilm Matrix. Journal of Biological Chemistry, 2015, 290, 19261-19272.	1.6	118
2	Sph3 Is a Glycoside Hydrolase Required for the Biosynthesis of Galactosaminogalactan in Aspergillus fumigatus. Journal of Biological Chemistry, 2015, 290, 27438-27450.	1.6	77
3	Characterization of the Pseudomonas aeruginosa Glycoside Hydrolase PslG Reveals That Its Levels Are Critical for Psl Polysaccharide Biosynthesis and Biofilm Formation. Journal of Biological Chemistry, 2015, 290, 28374-28387.	1.6	68
4	The Structure- and Metal-dependent Activity of Escherichia coli PgaB Provides Insight into the Partial De-N-acetylation of Poly-Î²-1,6-N-acetyl-d-glucosamine. Journal of Biological Chemistry, 2012, 287, 31126-31137.	1.6	65
5	PgaB orthologues contain a glycoside hydrolase domain that cleaves deacetylated poly-Î²(1,6)-N-acetylglucosamine and can disrupt bacterial biofilms. PLoS Pathogens, 2018, 14, e1006998.	2.1	59
6	P. aeruginosa SGNH Hydrolase-Like Proteins AlgJ and AlgX Have Similar Topology but Separate and Distinct Roles in Alginate Acetylation. PLoS Pathogens, 2014, 10, e1004334.	2.1	54
7	PilN Binding Modulates the Structure and Binding Partners of the Pseudomonas aeruginosa Type IVa Pilus Protein PilM. Journal of Biological Chemistry, 2016, 291, 11003-11015.	1.6	53
8	Modification and periplasmic translocation of the biofilm exopolysaccharide poly-Î²-1,6- N -acetyl-<scp>d</scp> -glucosamine. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11013-11018.	3.3	48
9	PatB1 is an O-acetyltransferase that decorates secondary cell wall polysaccharides. Nature Chemical Biology, 2018, 14, 79-85.	3.9	37
10	In vitro characterization of the antivirulence target of Gram-positive pathogens, peptidoglycan O-acetyltransferase A (OatA). PLoS Pathogens, 2017, 13, e1006667.	2.1	35
11	Functional Characterization of Staphylococcus epidermidis IcaB, a De-N-acetylase Important for Biofilm Formation. Biochemistry, 2013, 52, 5463-5471.	1.2	32
12	The Protein BpsB Is a Poly-Î²-1,6-N-acetyl-d-glucosamine Deacetylase Required for Biofilm Formation in Bordetella bronchiseptica. Journal of Biological Chemistry, 2015, 290, 22827-22840.	1.6	31
13	Structural Basis for the De-N-acetylation of Poly-Î²-1,6-N-acetyl-d-glucosamine in Gram-positive Bacteria. Journal of Biological Chemistry, 2014, 289, 35907-35917.	1.6	24
14	Synthesis and evaluation of inhibitors of E. coli PgaB, a polysaccharide de-N-acetylase involved in biofilm formation. Organic and Biomolecular Chemistry, 2012, 10, 7103.	1.5	22
15	Regulatory Evolution Drives Evasion of Host Inflammasomes by Salmonella Typhimurium. Cell Reports, 2018, 25, 825-832.e5.	2.9	22
16	Functional diversification of the NleG effector family in enterohemorrhagic Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10004-10009.	3.3	19
17	Molecular basis for CesT recognition of type III secretion effectors in enteropathogenic Escherichia coli. PLoS Pathogens, 2018, 14, e1007224.	2.1	16
18	Combiningin situproteolysis and mass spectrometry to crystallizeEscherichia coliPgaB. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 842-845.	0.7	14

#	Article	IF	Citations
19	Direct Staudingerâ€“Phosphonite Reaction Provides Methylphosphonamidates as Inhibitors of CE4 Deâ€Nâ€acetylases. ChemBioChem, 2015, 16, 1350-1356.	1.3	11