

# Dustin J Little

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20  
papers

547  
citations

14  
h-index

21  
g-index

21  
ext. papers

707  
ext. citations

6.6  
avg, IF

3.33  
L-index

#	Paper	IF	Citations
20	PatB1 is an O-acetyltransferase that decorates secondary cell wall polysaccharides. <i>Nature Chemical Biology</i> , <b>2018</b> , 14, 79-85	11.7	24
19	Molecular basis for CesT recognition of type III secretion effectors in enteropathogenic <i>Escherichia coli</i> . <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007224	7.6	10
18	Regulatory Evolution Drives Evasion of Host Inflammasomes by <i>Salmonella Typhimurium</i> . <i>Cell Reports</i> , <b>2018</b> , 25, 825-832.e5	10.6	13
17	Functional diversification of the NleG effector family in enterohemorrhagic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 10004-10009	11.5	11
16	PgaB orthologues contain a glycoside hydrolase domain that cleaves deacetylated poly-(1,6)-N-acetylglucosamine and can disrupt bacterial biofilms. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006998	7.6	38
15	In vitro characterization of the antivirulence target of Gram-positive pathogens, peptidoglycan O-acetyltransferase A (OatA). <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006667	7.6	24
14	PilN Binding Modulates the Structure and Binding Partners of the <i>Pseudomonas aeruginosa</i> Type IVa Pilus Protein PilM. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 11003-15	5.4	28
13	Identification of Poly-N-acetylglucosamine as a Major Polysaccharide Component of the <i>Bacillus subtilis</i> Biofilm Matrix. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 19261-72	5.4	65
12	Direct Staudinger-Phosphonite Reaction Provides Methylphosphonamidates as Inhibitors of CE4 De-N-acetylases. <i>ChemBioChem</i> , <b>2015</b> , 16, 1350-6	3.8	8
11	Characterization of the <i>Pseudomonas aeruginosa</i> Glycoside Hydrolase PslG Reveals That Its Levels Are Critical for Psl Polysaccharide Biosynthesis and Biofilm Formation. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 28374-28387	5.4	42
10	The protein BpsB is a poly-(1,6)-N-acetyl-D-glucosamine deacetylase required for biofilm formation in <i>Bordetella bronchiseptica</i> . <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 22827-40	5.4	27
9	Sph3 Is a Glycoside Hydrolase Required for the Biosynthesis of Galactosaminogalactan in <i>Aspergillus fumigatus</i> . <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 27438-50	5.4	52
8	Modification and periplasmic translocation of the biofilm exopolysaccharide poly-(1,6)-N-acetyl-D-glucosamine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 11013-8	11.5	33
7	Metal-Dependent Polysaccharide Deacetylase PgaB <b>2014</b> , 1-11		2
6	<i>P. aeruginosa</i> SGNH hydrolase-like proteins AlgJ and AlgX have similar topology but separate and distinct roles in alginate acetylation. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004334	7.6	37
5	Structural basis for the De-N-acetylation of Poly-(1,6)-N-acetyl-D-glucosamine in Gram-positive bacteria. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 35907-17	5.4	20
4	Functional characterization of <i>Staphylococcus epidermidis</i> IcaB, a de-N-acetylase important for biofilm formation. <i>Biochemistry</i> , <b>2013</b> , 52, 5463-71	3.2	27

3	Combining in situ proteolysis and mass spectrometry to crystallize Escherichia coli PgaB. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2012</b> , 68, 842-5		13
2	Synthesis and evaluation of inhibitors of E. coli PgaB, a polysaccharide de-N-acetylase involved in biofilm formation. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 7103-7	3-9	15
1	The structure- and metal-dependent activity of Escherichia coli PgaB provides insight into the partial de-N-acetylation of poly-β <sub>1,6</sub> -N-acetyl-D-glucosamine. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 31126-37	5-4	58