

# Erin S Gloag

## List of Publications by Year in descending order

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628  
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#	ARTICLE	IF	CITATIONS
1	A bacterial pigment provides cross-species protection from H <sub>2</sub> O <sub>2</sub> and neutrophil-mediated killing. Proceedings of the National Academy of Sciences of the United States of America, 2024, 121, .	7.5	1
2	Glycoside hydrolase processing of the Pel polysaccharide alters biofilm biomechanics and Pseudomonas aeruginosa virulence. Npj Biofilms and Microbiomes, 2023, 9, .	6.4	14
3	Extracellular DNA enhances biofilm integrity and mechanical properties of mucoid Pseudomonas aeruginosa. Journal of Bacteriology, 2023, 205, .	2.4	1
4	Interbacterial Antagonism Mediated by a Released Polysaccharide. Journal of Bacteriology, 2022, 204, e0007622.	2.4	3
5	Pseudomonas aeruginosa Initiates a Rapid and Specific Transcriptional Response during Surface Attachment. Journal of Bacteriology, 2022, 204, e0008622.	2.4	11
6	Mycobacterium abscessus biofilms have viscoelastic properties which may contribute to their recalcitrance in chronic pulmonary infections. Scientific Reports, 2021, 11, 5020.	3.4	18
7	Rampant prophage movement among transient competitors drives rapid adaptation during infection. Science Advances, 2021, 7, .	10.8	17
8	Z-form extracellular DNA is a structural component of the bacterial biofilm matrix. Cell, 2021, 184, 5740-5758.e17.	27.7	92
9	Pseudomonas aeruginosa Interstrain Dynamics and Selection of Hyperbiofilm Mutants during a Chronic Infection. MBio, 2019, 10, .	4.3	41
10	The extracellular DNA lattice of bacterial biofilms is structurally related to Holliday junction recombination intermediates. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25068-25077.	7.5	98
11	Viscoelastic properties of Pseudomonas aeruginosa variant biofilms. Scientific Reports, 2018, 8, 9691.	3.4	59