

# Daniel J Wozniak

## List of Publications by Citations

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121  
papers

10,920  
citations

52  
h-index

104  
g-index

128  
ext. papers

13,240  
ext. citations

6.5  
avg, IF

6.47  
L-index

#	Paper	IF	Citations
121	The EPS matrix: the "house of biofilm cells". <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 7945-7	3.5	1067
120	<i>Pseudomonas aeruginosa</i> anaerobic respiration in biofilms: relationships to cystic fibrosis pathogenesis. <i>Developmental Cell</i> , <b>2002</b> , 3, 593-603	10.2	463
119	Assembly and development of the <i>Pseudomonas aeruginosa</i> biofilm matrix. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000354	7.6	398
118	Role of polysaccharides in <i>Pseudomonas aeruginosa</i> biofilm development. <i>Current Opinion in Microbiology</i> , <b>2007</b> , 10, 644-8	7.9	385
117	Bacterial Extracellular Polysaccharides in Biofilm Formation and Function. <i>Microbiology Spectrum</i> , <b>2015</b> , 3,	8.9	369
116	<i>Pseudomonas</i> biofilm matrix composition and niche biology. <i>FEMS Microbiology Reviews</i> , <b>2012</b> , 36, 893-915	15.1	348
115	<i>Pseudomonas aeruginosa</i> uses a cyclic-di-GMP-regulated adhesin to reinforce the biofilm extracellular matrix. <i>Molecular Microbiology</i> , <b>2010</b> , 75, 827-42	4.1	347
114	Alginate is not a significant component of the extracellular polysaccharide matrix of PA14 and PAO1 <i>Pseudomonas aeruginosa</i> biofilms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 7907-12	11.5	337
113	The pel polysaccharide can serve a structural and protective role in the biofilm matrix of <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1001264	7.6	330
112	Pel is a cationic exopolysaccharide that cross-links extracellular DNA in the <i>Pseudomonas aeruginosa</i> biofilm matrix. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 11353-8	11.5	303
111	The Pel and Psl polysaccharides provide <i>Pseudomonas aeruginosa</i> structural redundancy within the biofilm matrix. <i>Environmental Microbiology</i> , <b>2012</b> , 14, 1913-28	5.2	302
110	Identification of psl, a locus encoding a potential exopolysaccharide that is essential for <i>Pseudomonas aeruginosa</i> PAO1 biofilm formation. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 4466-75	3.5	301
109	Understanding the control of <i>Pseudomonas aeruginosa</i> alginate synthesis and the prospects for management of chronic infections in cystic fibrosis. <i>Molecular Microbiology</i> , <b>2005</b> , 56, 309-22	4.1	292
108	Analysis of <i>Pseudomonas aeruginosa</i> conditional psl variants reveals roles for the psl polysaccharide in adhesion and maintaining biofilm structure postattachment. <i>Journal of Bacteriology</i> , <b>2006</b> , 188, 8213-21	3.5	282
107	<i>Pseudomonas aeruginosa</i> rugose small-colony variants have adaptations that likely promote persistence in the cystic fibrosis lung. <i>Journal of Bacteriology</i> , <b>2009</b> , 191, 3492-503	3.5	279
106	Genetic and biochemical analyses of the <i>Pseudomonas aeruginosa</i> Psl exopolysaccharide reveal overlapping roles for polysaccharide synthesis enzymes in Psl and LPS production. <i>Molecular Microbiology</i> , <b>2009</b> , 73, 622-38	4.1	247
105	Anaerobic metabolism and quorum sensing by <i>Pseudomonas aeruginosa</i> biofilms in chronically infected cystic fibrosis airways: rethinking antibiotic treatment strategies and drug targets. <i>Advanced Drug Delivery Reviews</i> , <b>2002</b> , 54, 1425-43	18.5	235

104	Self-produced exopolysaccharide is a signal that stimulates biofilm formation in <i>Pseudomonas aeruginosa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 20632-6	11.5	185
103	<i>Pseudomonas aeruginosa</i> biofilm matrix polysaccharide Psl is regulated transcriptionally by RpoS and post-transcriptionally by RsmA. <i>Molecular Microbiology</i> , <b>2010</b> , 78, 158-72	4.1	184
102	Prevention and treatment of <i>Staphylococcus aureus</i> biofilms. <i>Expert Review of Anti-Infective Therapy</i> , <b>2015</b> , 13, 1499-516	5.5	135
101	<i>Pseudomonas aeruginosa</i> Psl polysaccharide reduces neutrophil phagocytosis and the oxidative response by limiting complement-mediated opsonization. <i>Cellular Microbiology</i> , <b>2012</b> , 14, 95-106	3.9	129
100	Effects of subinhibitory concentrations of macrolide antibiotics on <i>Pseudomonas aeruginosa</i> . <i>Chest</i> , <b>2004</b> , 125, 62S-69S; quiz 69S	5.3	129
99	Cystic Fibrosis and <i>Pseudomonas aeruginosa</i> : the Host-Microbe Interface. <i>Clinical Microbiology Reviews</i> , <b>2019</b> , 32,	34	127
98	<i>Pseudomonas aeruginosa</i> Psl is a galactose- and mannose-rich exopolysaccharide. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 8353-6	3.5	125
97	Exopolysaccharide biosynthetic glycoside hydrolases can be utilized to disrupt and prevent <i>Pseudomonas aeruginosa</i> biofilms. <i>Science Advances</i> , <b>2016</b> , 2, e1501632	14.3	119
96	Mixed-species biofilm compromises wound healing by disrupting epidermal barrier function. <i>Journal of Pathology</i> , <b>2014</b> , 233, 331-343	9.4	117
95	Negative control of flagellum synthesis in <i>Pseudomonas aeruginosa</i> is modulated by the alternative sigma factor AlgT (AlgU). <i>Journal of Bacteriology</i> , <b>1999</b> , 181, 7401-4	3.5	117
94	ChIP-Seq and RNA-Seq reveal an AmrZ-mediated mechanism for cyclic di-GMP synthesis and biofilm development by <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003984	7.6	103
93	What's on the Outside Matters: The Role of the Extracellular Polymeric Substance of Gram-negative Biofilms in Evading Host Immunity and as a Target for Therapeutic Intervention. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 12538-12546	5.4	101
92	Phosphorylation-independent activity of the response regulators AlgB and AlgR in promoting alginate biosynthesis in mucoid <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , <b>1998</b> , 180, 956-68	3.5	100
91	The AlgT-dependent transcriptional regulator AmrZ (AlgZ) inhibits flagellum biosynthesis in mucoid, nonmotile <i>Pseudomonas aeruginosa</i> cystic fibrosis isolates. <i>Journal of Bacteriology</i> , <b>2006</b> , 188, 6483-9	3.5	92
90	<i>Pseudomonas aeruginosa</i> flagellin and alginate elicit very distinct gene expression patterns in airway epithelial cells: implications for cystic fibrosis disease. <i>Journal of Immunology</i> , <b>2004</b> , 173, 5659-70	5.3	87
89	biofilms release leukocidins to elicit extracellular trap formation and evade neutrophil-mediated killing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 7416-7421	11.5	83
88	The <i>Pseudomonas aeruginosa</i> ribbon-helix-helix DNA-binding protein AlgZ (AmrZ) controls twitching motility and biogenesis of type IV pili. <i>Journal of Bacteriology</i> , <b>2006</b> , 188, 132-40	3.5	82
87	2301 Mucoidal <i>Pseudomonas aeruginosa</i> infection is associated with regional inflammation in the cystic fibrosis lung. <i>Journal of Clinical and Translational Science</i> , <b>2018</b> , 2, 20-21	0.4	78

86	The alternative sigma factor AlgT represses <i>Pseudomonas aeruginosa</i> flagellum biosynthesis by inhibiting expression of fleQ. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 7955-62	3.5	76
85	The exopolysaccharide Psl-eDNA interaction enables the formation of a biofilm skeleton in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology Reports</i> , <b>2015</b> , 7, 330-40	3.7	71
84	Phosphorylation of the <i>Pseudomonas aeruginosa</i> response regulator AlgR is essential for type IV fimbria-mediated twitching motility. <i>Journal of Bacteriology</i> , <b>2002</b> , 184, 4544-54	3.5	71
83	Mucin glycans attenuate the virulence of <i>Pseudomonas aeruginosa</i> in infection. <i>Nature Microbiology</i> , <b>2019</b> , 4, 2146-2154	26.6	70
82	Synthesis of multiple <i>Pseudomonas aeruginosa</i> biofilm matrix exopolysaccharides is post-transcriptionally regulated. <i>Environmental Microbiology</i> , <b>2012</b> , 14, 1995-2005	5.2	70
81	Direct evaluation of <i>Pseudomonas aeruginosa</i> biofilm mediators in a chronic infection model. <i>Infection and Immunity</i> , <b>2011</b> , 79, 3087-95	3.7	66
80	Identification and characterization of AlgZ, an AlgT-dependent DNA-binding protein required for <i>Pseudomonas aeruginosa</i> algD transcription. <i>Molecular Microbiology</i> , <b>1996</b> , 22, 97-108	4.1	66
79	A fusion protein vaccine containing OprF epitope 8, OprI, and type A and B flagellins promotes enhanced clearance of nonmucoid <i>Pseudomonas aeruginosa</i> . <i>Infection and Immunity</i> , <b>2009</b> , 77, 2356-66	3.7	63
78	<i>Pseudomonas aeruginosa</i> rugose small-colony variants evade host clearance, are hyper-inflammatory, and persist in multiple host environments. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006842	7.6	62
77	A spider web strategy of type IV pili-mediated migration to build a fibre-like Psl polysaccharide matrix in <i>Pseudomonas aeruginosa</i> biofilms. <i>Environmental Microbiology</i> , <b>2013</b> , 15, 2238-53	5.2	58
76	The BvgAS signal transduction system regulates biofilm development in <i>Bordetella</i> . <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 1474-84	3.5	58
75	<i>Pseudomonas aeruginosa</i> AlgZ, a ribbon-helix-helix DNA-binding protein, is essential for alginate synthesis and algD transcriptional activation. <i>Molecular Microbiology</i> , <b>1999</b> , 33, 1069-80	4.1	57
74	Role of <i>Pseudomonas aeruginosa</i> dinB-encoded DNA polymerase IV in mutagenesis. <i>Journal of Bacteriology</i> , <b>2006</b> , 188, 8573-85	3.5	56
73	Cationic antimicrobial peptides promote microbial mutagenesis and pathoadaptation in chronic infections. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004083	7.6	54
72	AmrZ modulates <i>Pseudomonas aeruginosa</i> biofilm architecture by directly repressing transcription of the psl operon. <i>Journal of Bacteriology</i> , <b>2013</b> , 195, 1637-44	3.5	54
71	Control of bacterial biofilms with marine alkaloid derivatives. <i>Molecular BioSystems</i> , <b>2008</b> , 4, 614-21		52
70	The NtrC family regulator AlgB, which controls alginate biosynthesis in mucoid <i>Pseudomonas aeruginosa</i> , binds directly to the algD promoter. <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 581-9	3.5	52
69	<i>Pseudomonas aeruginosa</i> AlgR regulates type IV pilus biosynthesis by activating transcription of the fimU-pilVWXYZ1Y2E operon. <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 2023-30	3.5	52

68	Psl Produced by Mucoïd Contributes to the Establishment of Biofilms and Immune Evasion. <i>MBio</i> , <b>2017</b> , 8,	7.8	51
67	Staphylococcus aureus Protein A Mediates Interspecies Interactions at the Cell Surface of Pseudomonas aeruginosa. <i>MBio</i> , <b>2016</b> , 7,	7.8	51
66	The Pseudomonas aeruginosa lectin LecB binds to the exopolysaccharide Psl and stabilizes the biofilm matrix. <i>Nature Communications</i> , <b>2019</b> , 10, 2183	17.4	49
65	The roles of biofilm matrix polysaccharide Psl in mucoïd Pseudomonas aeruginosa biofilms. <i>FEMS Immunology and Medical Microbiology</i> , <b>2012</b> , 65, 377-80		48
64	Electric Field Based Dressing Disrupts Mixed-Species Bacterial Biofilm Infection and Restores Functional Wound Healing. <i>Annals of Surgery</i> , <b>2019</b> , 269, 756-766	7.8	45
63	The Pseudomonas aeruginosa exopolysaccharide Psl facilitates surface adherence and NF-kappaB activation in A549 cells. <i>MBio</i> , <b>2010</b> , 1,	7.8	43
62	Characterization of the Pseudomonas aeruginosa 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
61	Static growth of mucoïd Pseudomonas aeruginosa selects for non-mucoïd variants that have acquired flagellum-dependent motility. <i>Microbiology (United Kingdom)</i> , <b>2002</b> , 148, 3423-3430	2.9	42
60	Silver-zinc redox-coupled electroceutical wound dressing disrupts bacterial biofilm. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119531	3.7	42
59	The sigma factor AlgU plays a key role in formation of robust biofilms by nonmucoïd Pseudomonas aeruginosa. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 3001-10	3.5	41
58	CdrA Interactions within the Pseudomonas aeruginosa Biofilm Matrix Safeguard It from Proteolysis and Promote Cellular Packing. <i>MBio</i> , <b>2018</b> , 9,	7.8	41
57	Staphylococcus aureus Biofilm Infection Compromises Wound Healing by Causing Deficiencies in Granulation Tissue Collagen. <i>Annals of Surgery</i> , <b>2020</b> , 271, 1174-1185	7.8	40
56	Identification of the histidine protein kinase KinB in Pseudomonas aeruginosa and its phosphorylation of the alginate regulator algB. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 17952-60	5.4	38
55	Control of Pseudomonas aeruginosa algZ expression by the alternative sigma factor AlgT. <i>Journal of Bacteriology</i> , <b>2003</b> , 185, 7297-300	3.5	37
54	Mixed Communities of Mucoïd and Nonmucoïd Exhibit Enhanced Resistance to Host Antimicrobials. <i>MBio</i> , <b>2018</b> , 9,	7.8	36
53	Biofilm mechanics: Implications in infection and survival. <i>Biofilm</i> , <b>2020</b> , 2, 100017	5.9	36
52	Treatment with the Pseudomonas aeruginosa Glycoside Hydrolase PslG Combats Wound Infection by Improving Antibiotic Efficacy and Host Innate Immune Activity. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	34
51	Role of Cardiac Macrophages on Cardiac Inflammation, Fibrosis and Tissue Repair. <i>Cells</i> , <b>2020</b> , 10,	7.9	34

50	Identification of an Escherichia coli pepA homolog and its involvement in suppression of the algB phenotype in mucoid Pseudomonas aeruginosa. <i>Journal of Bacteriology</i> , <b>1999</b> , 181, 107-16	3.5	33
49	The transcription factor AmrZ utilizes multiple DNA binding modes to recognize activator and repressor sequences of Pseudomonas aeruginosa virulence genes. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002648	7.6	32
48	First evidence of sternal wound biofilm following cardiac surgery. <i>PLoS ONE</i> , <b>2013</b> , 8, e70360	3.7	31
47	Genomic and Phenotypic Diversity among Ten Laboratory Isolates of PAO1. <i>Journal of Bacteriology</i> , <b>2019</b> , 201,	3.5	31
46	Viscoelastic properties of Pseudomonas aeruginosa variant biofilms. <i>Scientific Reports</i> , <b>2018</b> , 8, 9691	4.9	31
45	Histopathological comparisons of Staphylococcus aureus and Pseudomonas aeruginosa experimental infected porcine burn wounds. <i>Wound Repair and Regeneration</i> , <b>2017</b> , 25, 541-549	3.6	29
44	Pseudomonas aeruginosa exopolysaccharide Psl promotes resistance to the biofilm inhibitor polysorbate 80. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 4112-22	5.9	28
43	Anti-Psl Targeting of Pseudomonas aeruginosa Biofilms for Neutrophil-Mediated Disruption. <i>Scientific Reports</i> , <b>2017</b> , 7, 16065	4.9	25
42	Binding of Pseudomonas aeruginosa AlgZ to sites upstream of the algZ promoter leads to repression of transcription. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 4430-43	3.5	25
41	Elevated exopolysaccharide levels in Pseudomonas aeruginosa flagellar mutants have implications for biofilm growth and chronic infections. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008848	6	24
40	Loss of Pseudomonas aeruginosa PhpA aminopeptidase activity results in increased algD transcription. <i>Journal of Bacteriology</i> , <b>2001</b> , 183, 4674-9	3.5	24
39	Pseudomonas aeruginosa Interstrain Dynamics and Selection of Hyperbiofilm Mutants during a Chronic Infection. <i>MBio</i> , <b>2019</b> , 10,	7.8	23
38	AmrZ beta-sheet residues are essential for DNA binding and transcriptional control of Pseudomonas aeruginosa virulence genes. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 5390-401	3.5	23
37	Surface-associated microbes continue to surprise us in their sophisticated strategies for assembling biofilm communities. <i>F1000prime Reports</i> , <b>2014</b> , 6, 26		22
36	Mucoid Pseudomonas aeruginosa and regional inflammation in the cystic fibrosis lung. <i>Journal of Cystic Fibrosis</i> , <b>2019</b> , 18, 796-803	4.1	20
35	Congo Red Stain Identifies Matrix Overproduction and Is an Indirect Measurement for c-di-GMP in Many Species of Bacteria. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1657, 147-156	1.4	20
34	Bacterial Extracellular Polysaccharides in Biofilm Formation and Function <b>2015</b> , 223-247		20
33	Identification of OprF as a complement component C3 binding acceptor molecule on the surface of Pseudomonas aeruginosa. <i>Infection and Immunity</i> , <b>2015</b> , 83, 3006-14	3.7	20

32	Pseudomonas aeruginosa aggregates in cystic fibrosis sputum produce exopolysaccharides that likely impede current therapies. <i>Cell Reports</i> , <b>2021</b> , 34, 108782	10.6	20
31	The role of biofilms in airway disease. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2003</b> , 24, 663-703,9	3.9	16
30	Phage Cocktail Development for Bacteriophage Therapy: Toward Improving Spectrum of Activity Breadth and Depth. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	16
29	The Versatile Pseudomonas aeruginosa Biofilm Matrix Protein CdrA Promotes Aggregation through Different Extracellular Exopolysaccharide Interactions. <i>Journal of Bacteriology</i> , <b>2020</b> , 202,	3.5	16
28	Novel Bacterial Diversity and Fragmented eDNA Identified in Hyperbiofilm-Forming Pseudomonas aeruginosa Rugose Small Colony Variant. <i>IScience</i> , <b>2020</b> , 23, 100827	6.1	14
27	An IgaA/UmoB Family Protein from Serratia marcescens Regulates Motility, Capsular Polysaccharide Biosynthesis, and Secondary Metabolite Production. <i>Applied and Environmental Microbiology</i> , <b>2018</b> , 84,	4.8	13
26	Epistatic roles for Pseudomonas aeruginosa MutS and DinB (DNA Pol IV) in coping with reactive oxygen species-induced DNA damage. <i>PLoS ONE</i> , <b>2011</b> , 6, e18824	3.7	13
25	Pseudomonas aeruginosa AmrZ Binds to Four Sites in the algD Promoter, Inducing DNA-AmrZ Complex Formation and Transcriptional Activation. <i>Journal of Bacteriology</i> , <b>2016</b> , 198, 2673-81	3.5	12
24	The Pseudomonas aeruginosa AmrZ C-terminal domain mediates tetramerization and is required for its activator and repressor functions. <i>Environmental Microbiology Reports</i> , <b>2016</b> , 8, 85-90	3.7	11
23	Synthesis and anti-staphylococcal activity of novel bacterial topoisomerase inhibitors with a 5-amino-1,3-dioxane linker moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2018</b> , 28, 2477-2480	2.9	10
22	Leukocidins and the Nuclease Nuc Prevent Neutrophil-Mediated Killing of Staphylococcus aureus Biofilms. <i>Infection and Immunity</i> , <b>2020</b> , 88,	3.7	9
21	Use of a leukocyte-targeted peptide probe as a potential tracer for imaging the tuberculosis granuloma. <i>Tuberculosis</i> , <b>2018</b> , 108, 201-210	2.6	8
20	Development of a Novel Method for Analyzing Pseudomonas aeruginosa Twitching Motility and Its Application to Define the AmrZ Regulon. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136426	3.7	7
19	Enhancing the therapeutic use of biofilm-dispersing enzymes with smart drug delivery systems. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 179, 113916	18.5	7
18	Evaluation of Peptide-Based Probes toward Diagnostic Imaging of Bacterial Biofilm-Associated Infections. <i>ACS Infectious Diseases</i> , <b>2020</b> , 6, 2086-2098	5.5	6
17	Novel bacterial topoisomerase inhibitors derived from isomannide. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 199, 112324	6.8	6
16	Modifications of Pseudomonas aeruginosa cell envelope in the cystic fibrosis airway alters interactions with immune cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 4761	4.9	5
15	Complete Genome Sequence of Pseudomonas aeruginosa Mucoid Strain FRD1, Isolated from a Cystic Fibrosis Patient. <i>Genome Announcements</i> , <b>2015</b> , 3,		5

14	Improving Phage-Biofilm In Vitro Experimentation. <i>Viruses</i> , <b>2021</b> , 13,	6.2	5
13	Dioxane-Linked Amide Derivatives as Novel Bacterial Topoisomerase Inhibitors against Gram-Positive. <i>ACS Medicinal Chemistry Letters</i> , <b>2020</b> , 11, 2446-2454	4.3	4
12	Optimization of TopoIV Potency, ADMET Properties, and hERG Inhibition of 5-Amino-1,3-dioxane-Linked Novel Bacterial Topoisomerase Inhibitors: Identification of a Lead with Efficacy against MRSA. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 15214-15249	8.3	3
11	Rampant prophage movement among transient competitors drives rapid adaptation during infection. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	3
10	The role of Psl in the failure to eradicate <i>Pseudomonas aeruginosa</i> biofilms in children with cystic fibrosis. <i>Npj Biofilms and Microbiomes</i> , <b>2021</b> , 7, 63	8.2	2
9	Mucoid <i>Pseudomonas aeruginosa</i> Can Produce Calcium-Gelled Biofilms Independent of the Matrix Components Psl and CdrA.. <i>Journal of Bacteriology</i> , <b>2022</b> , e0056821	3.5	2
8	The Wsp system of links surface sensing and cell envelope stress.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2117633119	11.5	2
7	A novel technique using potassium permanganate and reflectance confocal microscopy to image biofilm extracellular polymeric matrix reveals non-eDNA networks in <i>Pseudomonas aeruginosa</i> biofilms. <i>Pathogens and Disease</i> , <b>2016</b> , 74, ftv104	4.2	1
6	Regulation of Cyclic di-GMP Signaling in <i>Pseudomonas aeruginosa</i> <b>2020</b> , 471-486		1
5	The <i>Pseudomonas aeruginosa</i> Wsp pathway undergoes positive evolutionary selection during chronic infection		1
4	Synovial Fluid-Induced Aggregation Occurs across <i>Staphylococcus aureus</i> Clinical Isolates and is Mechanistically Independent of Attached Biofilm Formation. <i>Microbiology Spectrum</i> , <b>2021</b> , 9, e0026721	8.9	1
3	<i>Pseudomonas aeruginosa</i> Initiates a Rapid and Specific Transcriptional Response during Surface Attachment.. <i>Journal of Bacteriology</i> , <b>2022</b> , e0008622	3.5	1
2	Interbacterial Antagonism Mediated by a Released Polysaccharide.. <i>Journal of Bacteriology</i> , <b>2022</b> , e0007622	9.2	0
1	An ace up the sleeve of the cholera bacterium. <i>Nature Medicine</i> , <b>1996</b> , 2, 853-5	50.5	