

Daniel J Wozniak

List of Publications by Year in descending order

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122
papers

15,185
citations

23879

60
h-index

22488

117
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128
all docs

128
docs citations

128
times ranked

13607
citing authors

#	ARTICLE	IF	CITATIONS
1	Interbacterial Antagonism Mediated by a Released Polysaccharide. <i>Journal of Bacteriology</i> , 2022, 204, e0007622.	1.0	3
2	Mucoid <i>Pseudomonas aeruginosa</i> Can Produce Calcium-Gelled Biofilms Independent of the Matrix Components Psl and CdrA. <i>Journal of Bacteriology</i> , 2022, 204, e0056821.	1.0	18
3	<i>Pseudomonas aeruginosa</i> Initiates a Rapid and Specific Transcriptional Response during Surface Attachment. <i>Journal of Bacteriology</i> , 2022, 204, e0008622.	1.0	8
4	The Wsp system of <i>Pseudomonas aeruginosa</i> links surface sensing and cell envelope stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117633119.	3.3	33
5	1,3-Dioxane-Linked Novel Bacterial Topoisomerase Inhibitors: Expanding Structural Diversity and the Antibacterial Spectrum. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 955-963.	1.3	3
6	Regulation of Biofilm Exopolysaccharide Biosynthesis and Degradation in <i>Pseudomonas aeruginosa</i> . <i>Annual Review of Microbiology</i> , 2022, 76, 413-433.	2.9	37
7	<i>Pseudomonas aeruginosa</i> aggregates in cystic fibrosis sputum produce exopolysaccharides that likely impede current therapies. <i>Cell Reports</i> , 2021, 34, 108782.	2.9	92
8	Improving Phage-Biofilm In Vitro Experimentation. <i>Viruses</i> , 2021, 13, 1175.	1.5	19
9	Rampant prophage movement among transient competitors drives rapid adaptation during infection. <i>Science Advances</i> , 2021, 7, .	4.7	14
10	Enhancing the therapeutic use of biofilm-dispersing enzymes with smart drug delivery systems. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 113916.	6.6	32
11	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> , 2021, 7, 63.	2.9	18
12	Synovial Fluid-Induced Aggregation Occurs across <i>Staphylococcus aureus</i> Clinical Isolates and is Mechanistically Independent of Attached Biofilm Formation. <i>Microbiology Spectrum</i> , 2021, 9, e0026721.	1.2	11
13	Role of Cardiac Macrophages on Cardiac Inflammation, Fibrosis and Tissue Repair. <i>Cells</i> , 2021, 10, 51.	1.8	159
14	Phage Cocktail Development for Bacteriophage Therapy: Toward Improving Spectrum of Activity Breadth and Depth. <i>Pharmaceuticals</i> , 2021, 14, 1019.	1.7	72
15	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 <i>In Vivo</i> Efficacy against MRSA. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15214-15249.	2.9	16
16	Biofilm mechanics: Implications in infection and survival. <i>Biofilm</i> , 2020, 2, 100017.	1.5	89
17	<i>Staphylococcus aureus</i> Biofilm Infection Compromises Wound Healing by Causing Deficiencies in Granulation Tissue Collagen. <i>Annals of Surgery</i> , 2020, 271, 1174-1185.	2.1	108
18	Dioxane-Linked Amide Derivatives as Novel Bacterial Topoisomerase Inhibitors against Gram-Positive <i>Staphylococcus aureus</i> . <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 2446-2454.	1.3	15

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19	The Versatile <i>Pseudomonas aeruginosa</i> Biofilm Matrix Protein CdrA Promotes Aggregation through Different Extracellular Exopolysaccharide Interactions. <i>Journal of Bacteriology</i> , 2020, 202, .	1.0	53
20	Leukocidins and the Nuclease Nuc Prevent Neutrophil-Mediated Killing of <i>Staphylococcus aureus</i> Biofilms. <i>Infection and Immunity</i> , 2020, 88, .	1.0	29
21	Elevated exopolysaccharide levels in <i>Pseudomonas aeruginosa</i> flagellar mutants have implications for biofilm growth and chronic infections. <i>PLoS Genetics</i> , 2020, 16, e1008848.	1.5	52
22	Evaluation of Peptide-Based Probes toward In Vivo Diagnostic Imaging of Bacterial Biofilm-Associated Infections. <i>ACS Infectious Diseases</i> , 2020, 6, 2086-2098.	1.8	12
23	Novel Bacterial Diversity and Fragmented eDNA Identified in Hyperbiofilm-Forming <i>Pseudomonas aeruginosa</i> Rugose Small Colony Variant. <i>IScience</i> , 2020, 23, 100827.	1.9	31
24	Novel bacterial topoisomerase inhibitors derived from isomannide. <i>European Journal of Medicinal Chemistry</i> , 2020, 199, 112324.	2.6	11
25	Regulation of CyclicÂdi-GMP Signaling in <i>Pseudomonas aeruginosa</i> . , 2020, , 471-486.		2
26	<i>Pseudomonas aeruginosa</i> Interstrain Dynamics and Selection of Hyperbiofilm Mutants during a Chronic Infection. <i>MBio</i> , 2019, 10, .	1.8	39
27	Mucin glycans attenuate the virulence of <i>Pseudomonas aeruginosa</i> in infection. <i>Nature Microbiology</i> , 2019, 4, 2146-2154.	5.9	137
28	Cystic Fibrosis and <i>Pseudomonas aeruginosa</i> : the Host-Microbe Interface. <i>Clinical Microbiology Reviews</i> , 2019, 32, .	5.7	264
29	The <i>Pseudomonas aeruginosa</i> lectin LecB binds to the exopolysaccharide Psl and stabilizes the biofilm matrix. <i>Nature Communications</i> , 2019, 10, 2183.	5.8	112
30	Mucoid <i>Pseudomonas aeruginosa</i> and regional inflammation in the cystic fibrosis lung. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 796-803.	0.3	36
31	Treatment with the <i>Pseudomonas aeruginosa</i> Glycoside Hydrolase PslG Combats Wound Infection by Improving Antibiotic Efficacy and Host Innate Immune Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	61
32	Genomic and Phenotypic Diversity among Ten Laboratory Isolates of <i>Pseudomonas aeruginosa</i> PAO1. <i>Journal of Bacteriology</i> , 2019, 201, .	1.0	56
33	Electric Field Based Dressing Disrupts Mixed-Species Bacterial Biofilm Infection and Restores Functional Wound Healing. <i>Annals of Surgery</i> , 2019, 269, 756-766.	2.1	77
34	Mixed Communities of Mucoid and Nonmucoid <i>Pseudomonas aeruginosa</i> Exhibit Enhanced Resistance to Host Antimicrobials. <i>MBio</i> , 2018, 9, .	1.8	59
35	Use of a leukocyte-targeted peptide probe as a potential tracer for imaging the tuberculosis granuloma. <i>Tuberculosis</i> , 2018, 108, 201-210.	0.8	10
36	An IgaA/UmoB Family Protein from <i>Serratia marcescens</i> Regulates Motility, Capsular Polysaccharide Biosynthesis, and Secondary Metabolite Production. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	22

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37	2301 Mucoid <i>Pseudomonas aeruginosa</i> infection is associated with regional inflammation in the cystic fibrosis lung. <i>Journal of Clinical and Translational Science</i> , 2018, 2, 20-21.	0.3	0
38	CdrA Interactions within the <i>Pseudomonas aeruginosa</i> Biofilm Matrix Safeguard It from Proteolysis and Promote Cellular Packing. <i>MBio</i> , 2018, 9, .	1.8	76
39	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> , 2018, 28, 2477-2480.	1.0	14
40	Viscoelastic properties of <i>Pseudomonas aeruginosa</i> variant biofilms. <i>Scientific Reports</i> , 2018, 8, 9691.	1.6	54
41	<i>Staphylococcus aureus</i> 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> , 2018, 115, 7416-7421.	3.3	134
42	<i>Pseudomonas aeruginosa</i> rugose small-colony variants evade host clearance, are hyper-inflammatory, and persist in multiple host environments. <i>PLoS Pathogens</i> , 2018, 14, e1006842.	2.1	89
43	Histopathological comparisons of <i>S</i> and <i>Pseudomonas aeruginosa</i> experimental infected porcine burn wounds. <i>Wound Repair and Regeneration</i> , 2017, 25, 541-549.	1.5	42
44	Psl Produced by Mucoid <i>Pseudomonas aeruginosa</i> Contributes to the Establishment of Biofilms and Immune Evasion. <i>MBio</i> , 2017, 8, .	1.8	83
45	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> , 2017, 1657, 147-156.	0.4	33
46	Anti-Psl Targeting of <i>Pseudomonas aeruginosa</i> Biofilms for Neutrophil-Mediated Disruption. <i>Scientific Reports</i> , 2017, 7, 16065.	1.6	34
47	Modifications of <i>Pseudomonas aeruginosa</i> cell envelope in the cystic fibrosis airway alters interactions with immune cells. <i>Scientific Reports</i> , 2017, 7, 4761.	1.6	9
48	<i>Pseudomonas aeruginosa</i> AmrZ Binds to Four Sites in the <i>algD</i> Promoter, Inducing DNA-AmrZ Complex Formation and Transcriptional Activation. <i>Journal of Bacteriology</i> , 2016, 198, 2673-2681.	1.0	22
49	The <i>Pseudomonas aeruginosa</i> AmrZ C-terminal domain mediates tetramerization and is required for its activator and repressor functions. <i>Environmental Microbiology Reports</i> , 2016, 8, 85-90.	1.0	15
50	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> , 2016, 291, 12538-12546.	1.6	144
51	Exopolysaccharide biosynthetic glycoside hydrolases can be utilized to disrupt and prevent <i>Pseudomonas aeruginosa</i> biofilms. <i>Science Advances</i> , 2016, 2, e1501632.	4.7	201
52	<i>Staphylococcus aureus</i> Protein A Mediates Interspecies Interactions at the Cell Surface of <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , 2016, 7, .	1.8	86
53	Bacterial Extracellular Polysaccharides in Biofilm Formation and Function. <i>Microbiology Spectrum</i> , 2015, 3, .	1.2	594
54	Identification of OprF as a Complement Component C3 Binding Acceptor Molecule on the Surface of <i>Pseudomonas aeruginosa</i> . <i>Infection and Immunity</i> , 2015, 83, 3006-3014.	1.0	30

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55	Prevention and treatment of <i>Staphylococcus aureus</i> biofilms. <i>Expert Review of Anti-Infective Therapy</i> , 2015, 13, 1499-1516.	2.0	201
56	Complete Genome Sequence of <i>Pseudomonas aeruginosa</i> Mucoïd Strain FRD1, Isolated from a Cystic Fibrosis Patient. <i>Genome Announcements</i> , 2015, 3, .	0.8	8
57	The exopolysaccharide Psl-eDNA interaction enables the formation of a biofilm skeleton in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology Reports</i> , 2015, 7, 330-340.	1.0	105
58	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> , 2015, 74, ftv104.	0.8	5
59	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> , 2015, 290, 28374-28387.	1.6	68
60	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> , 2015, 112, 11353-11358.	3.3	485
61	Silver-Zinc Redox-Coupled Electroceutical Wound Dressing Disrupts Bacterial Biofilm. <i>PLoS ONE</i> , 2015, 10, e0119531.	1.1	56
62	Development of a Novel Method for Analyzing <i>Pseudomonas aeruginosa</i> Twitching Motility and Its Application to Define the AmrZ Regulon. <i>PLoS ONE</i> , 2015, 10, e0136426.	1.1	8
63	Cationic Antimicrobial Peptides Promote Microbial Mutagenesis and Pathoadaptation in Chronic Infections. <i>PLoS Pathogens</i> , 2014, 10, e1004083.	2.1	68
64	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> , 2014, 10, e1003984.	2.1	149
65	Mixed-species biofilm compromises wound healing by disrupting epidermal barrier function. <i>Journal of Pathology</i> , 2014, 233, 331-343.	2.1	161
66	Surface-associated microbes continue to surprise us in their sophisticated strategies for assembling biofilm communities. <i>F1000prime Reports</i> , 2014, 6, 26.	5.9	24
67	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> , 2013, 15, 2238-2253.	1.8	70
68	AmrZ Modulates <i>Pseudomonas aeruginosa</i> Biofilm Architecture by Directly Repressing Transcription of the psl Operon. <i>Journal of Bacteriology</i> , 2013, 195, 1637-1644.	1.0	71
69	First Evidence of Sternal Wound Biofilm following Cardiac Surgery. <i>PLoS ONE</i> , 2013, 8, e70360.	1.1	37
70	The Transcription Factor AmrZ Utilizes Multiple DNA Binding Modes to Recognize Activator and Repressor Sequences of <i>Pseudomonas aeruginosa</i> Virulence Genes. <i>PLoS Pathogens</i> , 2012, 8, e1002648.	2.1	40
71	<i>Pseudomonas aeruginosa</i> Exopolysaccharide Psl Promotes Resistance to the Biofilm Inhibitor Polysorbate 80. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4112-4122.	1.4	42
72	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> , 2012, 109, 20632-20636.	3.3	265

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73	<i>Pseudomonas aeruginosa</i> Psl polysaccharide reduces neutrophil phagocytosis and the oxidative response by limiting complement-mediated opsonization. <i>Cellular Microbiology</i> , 2012, 14, 95-106.	1.1	193
74	The roles of biofilm matrix polysaccharide Psl in mucoid <i>Pseudomonas aeruginosa</i> biofilms. <i>FEMS Immunology and Medical Microbiology</i> , 2012, 65, 377-380.	2.7	65
75	<i>Pseudomonas</i> biofilm matrix composition and niche biology. <i>FEMS Microbiology Reviews</i> , 2012, 36, 893-916.	3.9	473
76	The Pel and Psl polysaccharides provide <i>Pseudomonas aeruginosa</i> structural redundancy within the biofilm matrix. <i>Environmental Microbiology</i> , 2012, 14, 1913-1928.	1.8	447
77	Synthesis of multiple <i>Pseudomonas aeruginosa</i> biofilm matrix exopolysaccharides is posttranscriptionally regulated. <i>Environmental Microbiology</i> , 2012, 14, 1995-2005.	1.8	94
78	Epistatic Roles for <i>Pseudomonas aeruginosa</i> MutS and DinB (DNA Pol IV) in Coping with Reactive Oxygen Species-Induced DNA Damage. <i>PLoS ONE</i> , 2011, 6, e18824.	1.1	17
79	Direct Evaluation of <i>Pseudomonas aeruginosa</i> Biofilm Mediators in a Chronic Infection Model. <i>Infection and Immunity</i> , 2011, 79, 3087-3095.	1.0	79
80	The Pel Polysaccharide Can Serve a Structural and Protective Role in the Biofilm Matrix of <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2011, 7, e1001264.	2.1	428
81	<i>Pseudomonas aeruginosa</i> uses a cyclic-di-GMP-regulated adhesin to reinforce the biofilm extracellular matrix. <i>Molecular Microbiology</i> , 2010, 75, 827-842.	1.2	450
82	<i>Pseudomonas aeruginosa</i> biofilm matrix polysaccharide Psl is regulated transcriptionally by RpoS and posttranscriptionally by RsmA. <i>Molecular Microbiology</i> , 2010, 78, 158-172.	1.2	252
83	AmrZ Beta-Sheet Residues Are Essential for DNA Binding and Transcriptional Control of <i>Pseudomonas aeruginosa</i> Virulence Genes. <i>Journal of Bacteriology</i> , 2010, 192, 5390-5401.	1.0	29
84	The Sigma Factor AlgU Plays a Key Role in Formation of Robust Biofilms by Nonmucoid <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2010, 192, 3001-3010.	1.0	58
85	The <i>Pseudomonas aeruginosa</i> Exopolysaccharide Psl Facilitates Surface Adherence and NF- κ B Activation in A549 Cells. <i>MBio</i> , 2010, 1, .	1.8	58
86	<i>Pseudomonas aeruginosa</i> Rugose Small-Colony Variants Have Adaptations That Likely Promote Persistence in the Cystic Fibrosis Lung. <i>Journal of Bacteriology</i> , 2009, 191, 3492-3503.	1.0	372
87	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> , 2009, 77, 2356-2366.	1.0	75
88	Assembly and Development of the <i>Pseudomonas aeruginosa</i> Biofilm Matrix. <i>PLoS Pathogens</i> , 2009, 5, e1000354.	2.1	515
89	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> , 2009, 73, 622-638.	1.2	326
90	Control of bacterial biofilms with marine alkaloid derivatives. <i>Molecular BioSystems</i> , 2008, 4, 614.	2.9	64

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91	The NtrC Family Regulator AlgB, Which Controls Alginate Biosynthesis in Mucoid <i>Pseudomonas aeruginosa</i> , Binds Directly to the <i>algD</i> Promoter. <i>Journal of Bacteriology</i> , 2008, 190, 581-589.	1.0	58
92	<i>Pseudomonas aeruginosa</i> AlgR Regulates Type IV Pilus Biosynthesis by Activating Transcription of the <i>fimU-pilVWXYZ1Y2E</i> Operon. <i>Journal of Bacteriology</i> , 2008, 190, 2023-2030.	1.0	70
93	Role of polysaccharides in <i>Pseudomonas aeruginosa</i> biofilm development. <i>Current Opinion in Microbiology</i> , 2007, 10, 644-648.	2.3	490
94	<i>Pseudomonas aeruginosa</i> Psl Is a Galactose- and Mannose-Rich Exopolysaccharide. <i>Journal of Bacteriology</i> , 2007, 189, 8353-8356.	1.0	159
95	The EPS Matrix: The "House of Biofilm Cells". <i>Journal of Bacteriology</i> , 2007, 189, 7945-7947.	1.0	1,379
96	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> , 2006, 188, 8213-8221.	1.0	349
97	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> , 2006, 188, 132-140.	1.0	102
98	Role of <i>Pseudomonas aeruginosa</i> <i>dinB</i> -Encoded DNA Polymerase IV in Mutagenesis. <i>Journal of Bacteriology</i> , 2006, 188, 8573-8585.	1.0	71
99	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> , 2006, 188, 6483-6489.	1.0	118
100	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> , 2005, 56, 309-322.	1.2	334
101	The BvgAS Signal Transduction System Regulates Biofilm Development in <i>Bordetella</i> . <i>Journal of Bacteriology</i> , 2005, 187, 1474-1484.	1.0	64
102	Binding of <i>Pseudomonas aeruginosa</i> AlgZ to Sites Upstream of the <i>algZ</i> Promoter Leads to Repression of Transcription. <i>Journal of Bacteriology</i> , 2005, 187, 4430-4443.	1.0	26
103	The Alternative Sigma Factor AlgT Represses <i>Pseudomonas aeruginosa</i> Flagellum Biosynthesis by Inhibiting Expression of <i>fleQ</i> . <i>Journal of Bacteriology</i> , 2005, 187, 7955-7962.	1.0	91
104	Effects of Subinhibitory Concentrations of Macrolide Antibiotics on <i>Pseudomonas aeruginosa</i> . <i>Chest</i> , 2004, 125, 62S-69S.	0.4	157
105	<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> , 2004, 173, 5659-5670.	0.4	96
106	Identification of <i>psl</i> , a Locus Encoding a Potential Exopolysaccharide That Is Essential for <i>Pseudomonas aeruginosa</i> PAO1 Biofilm Formation. <i>Journal of Bacteriology</i> , 2004, 186, 4466-4475.	1.0	372
107	Control of <i>Pseudomonas aeruginosa</i> <i>algZ</i> Expression by the Alternative Sigma Factor AlgT. <i>Journal of Bacteriology</i> , 2003, 185, 7297-7300.	1.0	44
108	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> , 2003, 100, 7907-7912.	3.3	395

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109	The Role of Biofilms in Airway Disease. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2003, 24, 663-670.	0.8	18
110	Phosphorylation of the <i>Pseudomonas aeruginosa</i> Response Regulator AlgR Is Essential for Type IV Fimbria-Mediated Twitching Motility. <i>Journal of Bacteriology</i> , 2002, 184, 4544-4554.	1.0	77
111	Static growth of mucoid <i>Pseudomonas aeruginosa</i> selects for non-mucoid variants that have acquired flagellum-dependent motility a Present address: Division of Science and Mathematics, University of Minnesota-Morris, Morris, MN 56267, USA.. <i>Microbiology (United Kingdom)</i> , 2002, 148, 3423-3430.	0.7	46
112	<i>Pseudomonas aeruginosa</i> Anaerobic Respiration in Biofilms. <i>Developmental Cell</i> , 2002, 3, 593-603.	3.1	528
113	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> , 2002, 54, 1425-1443.	6.6	269
114	Loss of <i>Pseudomonas aeruginosa</i> PhpA Aminopeptidase Activity Results in Increased algD Transcription. <i>Journal of Bacteriology</i> , 2001, 183, 4674-4679.	1.0	27
115	<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> , 1999, 33, 1069-1080.	1.2	64
116	Identification of an <i>Escherichia coli</i> pepA Homolog and Its Involvement in Suppression of the algB Phenotype in Mucoid <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1999, 181, 107-116.	1.0	39
117	Negative Control of Flagellum Synthesis in <i>Pseudomonas aeruginosa</i> Is Modulated by the Alternative Sigma Factor AlgT (AlgU). <i>Journal of Bacteriology</i> , 1999, 181, 7401-7404.	1.0	130
118	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> , 1998, 180, 956-968.	1.0	113
119	Identification of the Histidine Protein Kinase KinB in <i>Pseudomonas aeruginosa</i> and Its Phosphorylation of the Alginate Regulator AlgB. <i>Journal of Biological Chemistry</i> , 1997, 272, 17952-17960.	1.6	46
120	Identification and characterization of AlgZ, an AlgT-dependent DNA-binding protein required for <i>Pseudomonas aeruginosa</i> algD transcription. <i>Molecular Microbiology</i> , 1996, 22, 97-108.	1.2	83
121	An ace up the sleeve of the cholera bacterium. <i>Nature Medicine</i> , 1996, 2, 853-855.	15.2	0
122	Bacterial Extracellular Polysaccharides in Biofilm Formation and Function. , 0, , 223-247.		36