

Everett Greenberg

List of Publications by Year in descending order

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docs citations

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times ranked

13047
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#	ARTICLE	IF	CITATIONS
1	Evolution of the Quorum Sensing Regulon in Cooperating Populations of <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , 2022, 13, e0016122.	1.8	17
2	Structural basis for a bacterial Pip system plant effector recognition protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	3
3	A covariation analysis reveals elements of selectivity in quorum sensing systems. <i>ELife</i> , 2021, 10, .	2.8	9
4	The <i>Pseudomonas aeruginosa</i> whole genome sequence: A 20th anniversary celebration. <i>Advances in Microbial Physiology</i> , 2021, 79, 25-88.	1.0	7
5	The Chemistry and Biology of Bactobolin: A 10-Year Collaboration with Natural Product Chemist Extraordinaire Jon Clardy. <i>Journal of Natural Products</i> , 2020, 83, 738-743.	1.5	14
6	A Glycosylated Cationic Block Poly(β -peptide) Reverses Intrinsic Antibiotic Resistance in All ESKAPE Gram-Negative Bacteria. <i>Angewandte Chemie</i> , 2020, 132, 6886-6893.	1.6	11
7	Designer broad-spectrum polyimidazolium antibiotics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31376-31385.	3.3	31
8	Dynamics of cheater invasion in a cooperating population of <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2019, 9, 10190.	1.6	7
9	Virulence Factor Identification in the Banana Pathogen <i>Dickeya zeae</i> MS2. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	15
10	Interspecies Chemical Signaling in a Methane-Oxidizing Bacterial Community. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	10
11	Social cheating in a <i>Pseudomonas aeruginosa</i> quorum-sensing variant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7021-7026.	3.3	104
12	Quorum Sensing Signal Selectivity and the Potential for Interspecies Cross Talk. <i>MBio</i> , 2019, 10, .	1.8	77
13	Evolution of the <i>Pseudomonas aeruginosa</i> quorum-sensing hierarchy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7027-7032.	3.3	197
14	Modulation of <i>Pseudomonas aeruginosa</i> Quorum Sensing by Glutathione. <i>Journal of Bacteriology</i> , 2019, 201, .	1.0	12
15	A <i>rhl</i> 5' UTR-Derived sRNA Regulates RhlR-Dependent Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , 2019, 10, .	1.8	40
16	Tundrenone: An Atypical Secondary Metabolite from Bacteria with Highly Restricted Primary Metabolism. <i>Journal of the American Chemical Society</i> , 2018, 140, 2002-2006.	6.6	23
17	A plant-responsive bacterial-signaling system senses an ethanolamine derivative. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9785-9790.	3.3	33
18	The <i>Pseudomonas aeruginosa</i> Orphan Quorum Sensing Signal Receptor QscR Regulates Global Quorum Sensing Gene Expression by Activating a Single Linked Operon. <i>MBio</i> , 2018, 9, .	1.8	53

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19	Hydrogel Effects Rapid Biofilm Debridement with ex situ Contact-Kill to Eliminate Multidrug Resistant Bacteria in vivo. ACS Applied Materials & Interfaces, 2018, 10, 20356-20367.	4.0	51
20	An aryl-homoserine lactone quorum-sensing signal produced by a dimorphic prosthecate bacterium. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7587-7592.	3.3	35
21	<i>luxR</i> Homolog-Linked Biosynthetic Gene Clusters in <i>Proteobacteria</i> . MSystems, 2018, 3, .	1.7	25
22	“Hot Stuff”: The Many Uses of a Radiolabel Assay in Detecting Acyl-Homoserine Lactone Quorum-Sensing Signals. Methods in Molecular Biology, 2018, 1673, 35-47.	0.4	8
23	Quorum Sensing in a Methane-Oxidizing Bacterium. Journal of Bacteriology, 2017, 199, .	1.0	29
24	Positive Autoregulation of an Acyl-Homoserine Lactone Quorum-Sensing Circuit Synchronizes the Population Response. MBio, 2017, 8, .	1.8	23
25	Gene Duplication in <i>Pseudomonas aeruginosa</i> Improves Growth on Adenosine. Journal of Bacteriology, 2017, 199, .	1.0	15
26	Molecular basis for the substrate specificity of quorum signal synthases. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9092-9097.	3.3	58
27	Progress in and promise of bacterial quorum sensing research. Nature, 2017, 551, 313-320.	13.7	880
28	Quorum sensing control of Type VI secretion factors restricts the proliferation of quorum-sensing mutants. ELife, 2016, 5, .	2.8	75
29	Quorum Sensing Influences <i>Burkholderia thailandensis</i> Biofilm Development and Matrix Production. Journal of Bacteriology, 2016, 198, 2643-2650.	1.0	39
30	LasR Variant Cystic Fibrosis Isolates Reveal an Adaptable Quorum-Sensing Hierarchy in <i>Pseudomonas aeruginosa</i> . MBio, 2016, 7, .	1.8	219
31	A <i>LuxR</i> Homolog in a Cottonwood Tree Endophyte That Activates Gene Expression in Response to a Plant Signal or Specific Peptides. MBio, 2016, 7, .	1.8	23
32	A <i>Burkholderia thailandensis</i> Acyl-Homoserine Lactone-Independent Orphan <i>LuxR</i> Homolog That Activates Production of the Cytotoxin Malleilactone. Journal of Bacteriology, 2015, 197, 3456-3462.	1.0	34
33	Quorum sensing and policing of <i>Pseudomonas aeruginosa</i> social cheaters. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2187-2191.	3.3	209
34	Bactobolin A Binds to a Site on the 70S Ribosome Distinct from Previously Seen Antibiotics. Journal of Molecular Biology, 2015, 427, 753-755.	2.0	48
35	BadR and BadM Proteins Transcriptionally Regulate Two Operons Needed for Anaerobic Benzoate Degradation by <i>Rhodospseudomonas palustris</i> . Applied and Environmental Microbiology, 2015, 81, 4253-4262.	1.4	34
36	Sociality in <i>Escherichia coli</i> : Enterochelin Is a Private Good at Low Cell Density and Can Be Shared at High Cell Density. Journal of Bacteriology, 2015, 197, 2122-2128.	1.0	61

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37	Evolution of Acyl-Substrate Recognition by a Family of Acyl-Homoserine Lactone Synthases. PLoS ONE, 2014, 9, e112464.	1.1	25
38	An evolving perspective on the Pseudomonas aeruginosa orphan quorum sensing regulator QscR. Frontiers in Cellular and Infection Microbiology, 2014, 4, 152.	1.8	44
39	Rapid Evolution of Culture-Impaired Bacteria during Adaptation to Biofilm Growth. Cell Reports, 2014, 6, 293-300.	2.9	57
40	Woody Hastings: 65 years of fun:. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14964-14965.	3.3	2
41	Cross-Species Comparison of the Burkholderia pseudomallei, Burkholderia thailandensis, and Burkholderia mallei Quorum-Sensing Regulons. Journal of Bacteriology, 2014, 196, 3862-3871.	1.0	47
42	Global Analysis of the Burkholderia thailandensis Quorum Sensing-Controlled Regulon. Journal of Bacteriology, 2014, 196, 1412-1424.	1.0	79
43	Plan B for quorum sensing. Nature Chemical Biology, 2013, 9, 292-293.	3.9	28
44	Acyl-Homoserine Lactone Quorum Sensing: From Evolution to Application. Annual Review of Microbiology, 2013, 67, 43-63.	2.9	504
45	A high-throughput screen for quorum-sensing inhibitors that target acyl-homoserine lactone synthases. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13815-13820.	3.3	77
46	LuxR- and LuxI-Type Quorum-Sensing Circuits Are Prevalent in Members of the Populus deltoides Microbiome. Applied and Environmental Microbiology, 2013, 79, 5745-5752.	1.4	66
47	Virulence of Burkholderia mallei Quorum-Sensing Mutants. Infection and Immunity, 2013, 81, 1471-1478.	1.0	24
48	The Single-Nucleotide Resolution Transcriptome of Pseudomonas aeruginosa Grown in Body Temperature. PLoS Pathogens, 2012, 8, e1002945.	2.1	240
49	Bactobolin Resistance Is Conferred by Mutations in the L2 Ribosomal Protein. MBio, 2012, 3, .	1.8	44
50	Antisense RNA that affects <i>Rhodopseudomonas palustris</i> quorum-sensing signal receptor expression. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12141-12146.	3.3	19
51	Anaerobic <i>p</i> -Coumarate Degradation by <i>Rhodopseudomonas palustris</i> and Identification of CouR, a MarR Repressor Protein That Binds <i>p</i> -Coumaroyl Coenzyme A. Journal of Bacteriology, 2012, 194, 1960-1967.	1.0	56
52	Bacterial quorum sensing, cooperativity, and anticipation of stationary-phase stress. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19775-19780.	3.3	109
53	AHL Signals Induce Rubrifacine Production in a <i>brul</i> Mutant of <i>Brenneria rubrifaciens</i> . Phytopathology, 2012, 102, 195-203.	1.1	1
54	Acyl-homoserine lactone-dependent eavesdropping promotes competition in a laboratory co-culture model. ISME Journal, 2012, 6, 2219-2228.	4.4	83

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55	Strain-dependent diversity in the <i>Pseudomonas aeruginosa</i> quorum-sensing regulon. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2823-31.	3.3	104
56	Bacterial Quorum Sensing and Metabolic Incentives to Cooperate. Science, 2012, 338, 264-266.	6.0	304
57	Territoriality in <i>Proteus</i> : Advertisement and Aggression. Chemical Reviews, 2011, 111, 188-194.	23.0	40
58	Sources of Diversity in Bactobolin Biosynthesis by <i>Burkholderia thailandensis</i> E264. Organic Letters, 2011, 13, 3048-3051.	2.4	42
59	Activity of the <i>Rhodopseudomonas palustris</i> p-Coumaroyl-Homoserine Lactone-Responsive Transcription Factor RpaR. Journal of Bacteriology, 2011, 193, 2598-2607.	1.0	45
60	Acyl-Homoserine Lactone Binding to and Stability of the Orphan <i>Pseudomonas aeruginosa</i> Quorum-Sensing Signal Receptor QscR. Journal of Bacteriology, 2011, 193, 421-428.	1.0	54
61	Isovaleryl-homoserine lactone, an unusual branched-chain quorum-sensing signal from the soybean symbiont <i>Bradyrhizobium japonicum</i> . Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16765-16770.	3.3	104
62	Identity Gene Expression in <i>Proteus mirabilis</i> . Journal of Bacteriology, 2011, 193, 3286-3292.	1.0	25
63	Reversible Signal Binding by the <i>Pseudomonas aeruginosa</i> Quorum-Sensing Signal Receptor LasR. MBio, 2011, 2, e00011-11.	1.8	31
64	Crystal structure of QscR, a <i>Pseudomonas aeruginosa</i> quorum sensing signal receptor. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15763-15768.	3.3	108
65	Aryl-homoserine lactone quorum sensing in stem-nodulating photosynthetic bradyrhizobia. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7183-7188.	3.3	111
66	Increase in Rhamnolipid Synthesis under Iron-Limiting Conditions Influences Surface Motility and Biofilm Formation in <i>Pseudomonas aeruginosa</i> . Journal of Bacteriology, 2010, 192, 2973-2980.	1.0	140
67	LuxR homolog-independent gene regulation by acyl-homoserine lactones in <i>Pseudomonas aeruginosa</i> . Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10673-10678.	3.3	56
68	Quorum-Sensing-Regulated Bactobolin Production by <i>Burkholderia thailandensis</i> E264. Organic Letters, 2010, 12, 716-719.	2.4	114
69	Mutational Analysis of <i>Burkholderia thailandensis</i> Quorum Sensing and Self-Aggregation. Journal of Bacteriology, 2009, 191, 5901-5909.	1.0	88
70	Role of Flagella in Virulence of the Coral Pathogen <i>Vibrio coralliilyticus</i> . Applied and Environmental Microbiology, 2009, 75, 5704-5707.	1.4	51
71	Quorum-Sensing Control of Antibiotic Synthesis in <i>Burkholderia thailandensis</i> . Journal of Bacteriology, 2009, 191, 3909-3918.	1.0	129
72	Global position analysis of the <i>Pseudomonas aeruginosa</i> quorum-sensing transcription factor LasR. Molecular Microbiology, 2009, 73, 1072-1085.	1.2	207

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73	Contribution of the RsaL global regulator to <i>Pseudomonas aeruginosa</i> virulence and biofilm formation. <i>FEMS Microbiology Letters</i> , 2009, 301, 210-217.	0.7	69
74	Microwave Synthesis and Evaluation of Phenacylhomoserine Lactones as Anticancer Compounds that Minimally Activate Quorum Sensing Pathways in <i>Pseudomonas aeruginosa</i> . <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1569-1575.	2.9	31
75	Synthetic ligands that activate and inhibit a quorum-sensing regulator in <i>Pseudomonas aeruginosa</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3072-3075.	1.0	67
76	Genetic Determinants of Self Identity and Social Recognition in Bacteria. <i>Science</i> , 2008, 321, 256-259.	6.0	199
77	Influence of Quorum Sensing and Iron on Twitching Motility and Biofilm Formation in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2008, 190, 662-671.	1.0	173
78	Ironing Out the Biofilm Problem: The Role of Iron in Biofilm Formation. <i>Springer Series on Biofilms</i> , 2008, , 141-156.	0.0	2
79	<i>Vibrio parahaemolyticus</i> ScrC Modulates Cyclic Dimeric GMP Regulation of Gene Expression Relevant to Growth on Surfaces. <i>Journal of Bacteriology</i> , 2008, 190, 851-860.	1.0	115
80	The <i>Burkholderia mallei</i> BmaR3-BmaI3 Quorum-Sensing System Produces and Responds to N ³ -Hydroxy-Octanoyl Homoserine Lactone. <i>Journal of Bacteriology</i> , 2008, 190, 5137-5141.	1.0	38
81	A Mutational Analysis Defines <i>Vibrio fischeri</i> LuxR Binding Sites. <i>Journal of Bacteriology</i> , 2008, 190, 4392-4397.	1.0	62
82	The potential of desferrioxamine-gallium as an anti- <i>Pseudomonas</i> therapeutic agent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16761-16766.	3.3	238
83	Generation of Virulence Factor Variants in <i>Staphylococcus aureus</i> Biofilms. <i>Journal of Bacteriology</i> , 2007, 189, 7961-7967.	1.0	70
84	Linear osmoregulated periplasmic glucans are encoded by the <i>opgGH</i> locus of <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 3255-3263.	0.7	50
85	Octanoyl-Homoserine Lactone Is the Cognate Signal for <i>Burkholderia mallei</i> BmaR1-BmaI1 Quorum Sensing. <i>Journal of Bacteriology</i> , 2007, 189, 5034-5040.	1.0	49
86	Transcriptome Analysis of the <i>Vibrio fischeri</i> LuxR-LuxI Regulon. <i>Journal of Bacteriology</i> , 2007, 189, 8387-8391.	1.0	80
87	RsaL provides quorum sensing homeostasis and functions as a global regulator of gene expression in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2007, 66, 1557-1565.	1.2	130
88	Early activation of quorum sensing in <i>Pseudomonas aeruginosa</i> reveals the architecture of a complex regulon. <i>BMC Genomics</i> , 2007, 8, 287.	1.2	142
89	Novel <i>Pseudomonas aeruginosa</i> Quorum-Sensing Inhibitors Identified in an Ultra-High-Throughput Screen. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 3674-3679.	1.4	265
90	Chelator-Induced Dispersal and Killing of <i>Pseudomonas aeruginosa</i> Cells in a Biofilm. <i>Applied and Environmental Microbiology</i> , 2006, 72, 2064-2069.	1.4	414

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91	A network of networks: Quorum-sensing gene regulation in <i>Pseudomonas aeruginosa</i> . <i>International Journal of Medical Microbiology</i> , 2006, 296, 73-81.	1.5	563
92	Activity of purified QscR, a <i>Pseudomonas aeruginosa</i> orphan quorum-sensing transcription factor. <i>Molecular Microbiology</i> , 2006, 59, 602-609.	1.2	210
93	Hfq-dependent alterations of the transcriptome profile and effects on quorum sensing in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2006, 59, 1542-1558.	1.2	165
94	The superficial life of microbes. <i>Nature</i> , 2006, 441, 300-302.	13.7	507
95	Enhancement of Antimicrobial Activity against <i>Pseudomonas aeruginosa</i> by Coadministration of G10KHc and Tobramycin. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 3833-3838.	1.4	68
96	A structurally unrelated mimic of a <i>Pseudomonas aeruginosa</i> acyl-homoserine lactone quorum-sensing signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16948-16952.	3.3	125
97	A Distinct QscR Regulon in the <i>Pseudomonas aeruginosa</i> Quorum-Sensing Circuit. <i>Journal of Bacteriology</i> , 2006, 188, 3365-3370.	1.0	195
98	The two-component response regulator PprB modulates quorum-sensing signal production and global gene expression in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2005, 56, 1287-1301.	1.2	55
99	Human and murine paraoxonase 1 are host modulators of <i>Pseudomonas aeruginosa</i> quorum-sensing. <i>FEMS Microbiology Letters</i> , 2005, 253, 29-37.	0.7	196
100	Delays in <i>Pseudomonas aeruginosa</i> quorum-controlled gene expression are conditional. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9008-9013.	3.3	28
101	From The Cover: Iron and <i>Pseudomonas aeruginosa</i> biofilm formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11076-11081.	3.3	714
102	<i>Pseudomonas aeruginosa</i> Biofilms Exposed to Imipenem Exhibit Changes in Global Gene Expression and β -Lactamase and Alginate Production. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 1175-1187.	1.4	302
103	Quorum Sensing in <i>Staphylococcus aureus</i> Biofilms. <i>Journal of Bacteriology</i> , 2004, 186, 1838-1850.	1.0	554
104	The Genetic Basis for the Commitment to Chronic versus Acute Infection in <i>Pseudomonas aeruginosa</i> . <i>Molecular Cell</i> , 2004, 16, 497-498.	4.5	38
105	The <i>Vibrio fischeri</i> quorum-sensing systems <i>ain</i> and <i>lux</i> sequentially induce luminescence gene expression and are important for persistence in the squid host. <i>Molecular Microbiology</i> , 2003, 50, 319-331.	1.2	182
106	Bacterial communication: Tiny teamwork. <i>Nature</i> , 2003, 424, 134-134.	13.7	84
107	Bacterial communication and group behavior. <i>Journal of Clinical Investigation</i> , 2003, 112, 1288-1290.	3.9	86
108	Bacterial communication and group behavior. <i>Journal of Clinical Investigation</i> , 2003, 112, 1288-1290.	3.9	50

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109	<i>Pseudomonas aeruginosa</i> quorum sensing: A target for antipa thogenic drug discovery. <i>Pharmacochimistry Library</i> , 2002, , 207-212.	0.1	1
110	A component of innate immunity prevents bacterial biofilm development. <i>Nature</i> , 2002, 417, 552-555.	13.7	923
111	Listening in on bacteria: acyl-homoserine lactone signalling. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 685-695.	16.1	964
112	Regulation of Gene Expression by Cell-to-Cell Communication: Acyl-Homoserine Lactone Quorum Sensing. <i>Annual Review of Genetics</i> , 2001, 35, 439-468.	3.2	1,251
113	Pump up the versatility. <i>Nature</i> , 2000, 406, 947-948.	13.7	58
114	Activity of Abundant Antimicrobials of the Human Airway. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 872-879.	1.4	211
115	[3] Quorum sensing signals in development of <i>Pseudomonas aeruginosa</i> biofilms. <i>Methods in Enzymology</i> , 1999, 310, 43-55.	0.4	101
116	Self perception in bacteria: quorum sensing with acylated homoserine lactones. <i>Current Opinion in Microbiology</i> , 1998, 1, 183-189.	2.3	281
117	CENSUS AND CONSENSUS IN BACTERIAL ECOSYSTEMS: The LuxR-LuxI Family of Quorum-Sensing Transcriptional Regulators. <i>Annual Review of Microbiology</i> , 1996, 50, 727-751.	2.9	1,095
118	Primary radiation therapy in the treatment of squamous cell carcinoma of the soft palate. <i>Cancer</i> , 1989, 63, 2442-2445.	2.0	24
119	The intracellular polyglucose storage granules of <i>Spirochaeta aurantia</i> . <i>Archives of Microbiology</i> , 1988, 150, 289-295.	1.0	6
120	The basis of silver staining of bacterial lipopolysaccharides in polyacrylamide gels. <i>Current Microbiology</i> , 1986, 13, 29-31.	1.0	18
121	Rifampin as a selective agent for the enumeration and isolation of spirochetes from salt marsh habitats. <i>Current Microbiology</i> , 1981, 5, 303-306.	1.0	18
122	Quorum Sensing in <i>Burkholderia</i> . , 0, , 40-57.		3