

Bonnie L Bassler

List of Publications by Year in descending order

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222
papers

42,310
citations

3933

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docs citations

273
times ranked

22074
citing authors

#	ARTICLE	IF	CITATIONS
1	The PqsE-RhIR Interaction Regulates RhIR DNA Binding to Control Virulence Factor Production in <i>Pseudomonas aeruginosa</i> . <i>Microbiology Spectrum</i> , 2022, 10, e0210821.	3.0	36
2	LuxT Is a Global Regulator of Low-Cell-Density Behaviors, Including Type III Secretion, Siderophore Production, and Aerolysin Production, in <i>Vibrio harveyi</i> . <i>MBio</i> , 2022, 13, e0362121.	4.1	5
3	Quantitative input-output dynamics of a c-di-GMP signal transduction cascade in <i>Vibrio cholerae</i> . <i>PLoS Biology</i> , 2022, 20, e3001585.	5.6	9
4	Phage Infection Restores PQS Signaling and Enhances Growth of a <i>Pseudomonas aeruginosa</i> Quorum-Sensing Mutant. <i>Journal of Bacteriology</i> , 2022, 204, e0055721.	2.2	5
5	Signal Transduction Network Principles Underlying Bacterial Collective Behaviors. <i>Annual Review of Microbiology</i> , 2022, 76, 235-257.	7.3	15
6	Quorum sensing across bacterial and viral domains. <i>PLoS Pathogens</i> , 2021, 17, e1009074.	4.7	34
7	Roadmap on emerging concepts in the physical biology of bacterial biofilms: from surface sensing to community formation. <i>Physical Biology</i> , 2021, 18, 051501.	1.8	46
8	LuxT controls specific quorum-sensing-regulated behaviors in <i>Vibrionaceae</i> spp. via repression of <i>qrr1</i> , encoding a small regulatory RNA. <i>PLoS Genetics</i> , 2021, 17, e1009336.	3.5	13
9	<i>Saccharomyces cerevisiae</i> Requires <i>CFF1</i> To Produce 4-Hydroxy-5-Methylfuran-3(2H)-One, a Mimic of the Bacterial Quorum-Sensing Autoinducer AI-2. <i>MBio</i> , 2021, 12, .	4.1	8
10	Inverse regulation of <i>Vibrio cholerae</i> biofilm dispersal by polyamine signals. <i>ELife</i> , 2021, 10, .	6.0	21
11	Inhibitor Mimetic Mutations in the <i>Pseudomonas aeruginosa</i> PqsE Enzyme Reveal a Protein-Protein Interaction with the Quorum-Sensing Receptor RhIR That Is Vital for Virulence Factor Production. <i>ACS Chemical Biology</i> , 2021, 16, 740-752.	3.4	27
12	Hierarchical transitions and fractal wrinkling drive bacterial pellicle morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	16
13	Mechanism underlying the DNA-binding preferences of the <i>Vibrio cholerae</i> and vibriophage VP882 VqmA quorum-sensing receptors. <i>PLoS Genetics</i> , 2021, 17, e1009550.	3.5	6
14	Evidence for biosurfactant-induced flow in corners and bacterial spreading in unsaturated porous media. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2111060118.	7.1	10
15	Secreted Proteases Control the Timing of Aggregative Community Formation in <i>Vibrio cholerae</i> . <i>MBio</i> , 2021, 12, e0151821.	4.1	4
16	Discovery of PqsE Thioesterase Inhibitors for <i>Pseudomonas aeruginosa</i> Using DNA-Encoded Small Molecule Library Screening. <i>ACS Chemical Biology</i> , 2020, 15, 446-456.	3.4	22
17	Identification of signaling pathways, matrix-digestion enzymes, and motility components controlling <i>Vibrio cholerae</i> biofilm dispersal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32639-32647.	7.1	26
18	The <i>Vibrio cholerae</i> Quorum-Sensing Protein VqmA Integrates Cell Density, Environmental, and Host-Derived Cues into the Control of Virulence. <i>MBio</i> , 2020, 11, .	4.1	21

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19	Cell position fates and collective fountain flow in bacterial biofilms revealed by light-sheet microscopy. <i>Science</i> , 2020, 369, 71-77.	12.6	106
20	From Biochemistry to Genetics in a Flash of Light. <i>Genetics</i> , 2020, 215, 287-289.	2.9	0
21	Nonuniform growth and surface friction determine bacterial biofilm morphology on soft substrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7622-7632.	7.1	82
22	Separating Functions of the Phage-Encoded Quorum-Sensing-Activated Antirepressor Qtip. <i>Cell Host and Microbe</i> , 2020, 27, 629-641.e4.	11.0	31
23	Mechanism underlying autoinducer recognition in the <i>Vibrio cholerae</i> DPO-VqmA quorum-sensing pathway. <i>Journal of Biological Chemistry</i> , 2020, 295, 2916-2931.	3.4	29
24	<i>Vibrio fischeri</i> siderophore production drives competitive exclusion during dual-species growth. <i>Molecular Microbiology</i> , 2020, 114, 244-261.	2.5	21
25	Surviving as a Community: Antibiotic Tolerance and Persistence in Bacterial Biofilms. <i>Cell Host and Microbe</i> , 2019, 26, 15-21.	11.0	380
26	The intragenus and interspecies quorum-sensing autoinducers exert distinct control over <i>Vibrio cholerae</i> biofilm formation and dispersal. <i>PLoS Biology</i> , 2019, 17, e3000429.	5.6	64
27	Mechanical instability and interfacial energy drive biofilm morphogenesis. <i>ELife</i> , 2019, 8, .	6.0	67
28	An autoinducer-independent RhIR quorum-sensing receptor enables analysis of RhIR regulation. <i>PLoS Pathogens</i> , 2019, 15, e1007820.	4.7	30
29	Phage-Encoded LuxR-Type Receptors Responsive to Host-Produced Bacterial Quorum-Sensing Autoinducers. <i>MBio</i> , 2019, 10, .	4.1	46
30	Bacterial quorum sensing in complex and dynamically changing environments. <i>Nature Reviews Microbiology</i> , 2019, 17, 371-382.	28.6	683
31	Identification of a Molecular Latch that Regulates Staphylococcal Virulence. <i>Cell Chemical Biology</i> , 2019, 26, 548-558.e4.	5.2	18
32	An Autoinducer Analogue Reveals an Alternative Mode of Ligand Binding for the LasR Quorum-Sensing Receptor. <i>ACS Chemical Biology</i> , 2019, 14, 378-389.	3.4	30
33	Photosensing and quorum sensing are integrated to control <i>Pseudomonas aeruginosa</i> collective behaviors. <i>PLoS Biology</i> , 2019, 17, e3000579.	5.6	43
34	Structural determinants driving homoserine lactone ligand selection in the <i>Pseudomonas aeruginosa</i> LasR quorum-sensing receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 245-254.	7.1	68
35	A Host-Produced Quorum-Sensing Autoinducer Controls a Phage Lysis-Lysogeny Decision. <i>Cell</i> , 2019, 176, 268-280.e13.	28.9	248
36	Title is missing!. , 2019, 17, e3000579.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2019, 17, e3000579.		0
38	Title is missing!. , 2019, 17, e3000579.		0
39	Title is missing!. , 2019, 17, e3000579.		0
40	Title is missing!. , 2019, 17, e3000579.		0
41	Title is missing!. , 2019, 17, e3000579.		0
42	Title is missing!. , 2019, 17, e3000429.		0
43	Title is missing!. , 2019, 17, e3000429.		0
44	Title is missing!. , 2019, 17, e3000429.		0
45	Title is missing!. , 2019, 17, e3000429.		0
46	Title is missing!. , 2019, 17, e3000429.		0
47	Title is missing!. , 2019, 17, e3000429.		0
48	SnapShot: Bacterial Quorum Sensing. Cell, 2018, 174, 1328-1328.e1.	28.9	94
49	Temperature, by Controlling Growth Rate, Regulates CRISPR-Cas Activity in <i>Pseudomonas aeruginosa</i> . MBio, 2018, 9, .	4.1	52
50	Bacterial Biofilm Material Properties Enable Removal and Transfer by Capillary Peeling. Advanced Materials, 2018, 30, e1804153.	21.0	62
51	The PqsE and RhIR proteins are an autoinducer synthase–receptor pair that control virulence and biofilm development in <i>Pseudomonas aeruginosa</i> . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9411-E9418.	7.1	101
52	Verticalization of bacterial biofilms. Nature Physics, 2018, 14, 954-960.	16.7	92
53	Quorum sensing controls <i>Vibrio cholerae</i> multicellular aggregate formation. ELife, 2018, 7, .	6.0	51
54	Flavonoids Suppress <i>Pseudomonas aeruginosa</i> Virulence through Allosteric Inhibition of Quorum-sensing Receptors. Journal of Biological Chemistry, 2017, 292, 4064-4076.	3.4	199

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55	Surface-attached molecules control <i>Staphylococcus aureus</i> quorum sensing and biofilm development. <i>Nature Microbiology</i> , 2017, 2, 17080.	13.3	95
56	Environmental fluctuation governs selection for plasticity in biofilm production. <i>ISME Journal</i> , 2017, 11, 1569-1577.	9.8	45
57	A <i>Vibrio cholerae</i> autoinducer-receptor pair that controls biofilm formation. <i>Nature Chemical Biology</i> , 2017, 13, 551-557.	8.0	179
58	Not just Salk. <i>Science</i> , 2017, 357, 1105-1106.	12.6	4
59	Extracellular-matrix-mediated osmotic pressure drives <i>Vibrio cholerae</i> biofilm expansion and cheater exclusion. <i>Nature Communications</i> , 2017, 8, 327.	12.8	119
60	Quorum sensing controls the <i>Pseudomonas aeruginosa</i> CRISPR-Cas adaptive immune system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 131-135.	7.1	227
61	The RhlR quorum-sensing receptor controls <i>Pseudomonas aeruginosa</i> pathogenesis and biofilm development independently of its canonical homoserine lactone autoinducer. <i>PLoS Pathogens</i> , 2017, 13, e1006504.	4.7	146
62	Asymmetric regulation of quorum-sensing receptors drives autoinducer-specific gene expression programs in <i>Vibrio cholerae</i> . <i>PLoS Genetics</i> , 2017, 13, e1006826.	3.5	41
63	Flow environment and matrix structure interact to determine spatial competition in <i>Pseudomonas aeruginosa</i> biofilms. <i>ELife</i> , 2017, 6, .	6.0	65
64	Quorum sensing signal-response systems in Gram-negative bacteria. <i>Nature Reviews Microbiology</i> , 2016, 14, 576-588.	28.6	1,586
65	<i>Vibrio cholerae</i> biofilm growth program and architecture revealed by single-cell live imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5337-43.	7.1	159
66	Local and global consequences of flow on bacterial quorum sensing. <i>Nature Microbiology</i> , 2016, 1, 15005.	13.3	137
67	A Host-Produced Autoinducer-2 Mimic Activates Bacterial Quorum Sensing. <i>Cell Host and Microbe</i> , 2016, 19, 470-480.	11.0	134
68	Architectural transitions in <i>Vibrio cholerae</i> biofilms at single-cell resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2066-72.	7.1	178
69	Time-resolved proteomic analysis of quorum sensing in <i>Vibrio harveyi</i> . <i>Chemical Science</i> , 2016, 7, 1797-1806.	7.4	31
70	Social Evolution Selects for Redundancy in Bacterial Quorum Sensing. <i>PLoS Biology</i> , 2016, 14, e1002386.	5.6	67
71	Structure, Regulation, and Inhibition of the Quorum-Sensing Signal Integrator LuxO. <i>PLoS Biology</i> , 2016, 14, e1002464.	5.6	32
72	The Mechanical World of Bacteria. <i>Cell</i> , 2015, 161, 988-997.	28.9	422

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73	Extracellular matrix structure governs invasion resistance in bacterial biofilms. <i>ISME Journal</i> , 2015, 9, 1700-1709.	9.8	172
74	Modulating <i>Vibrio cholerae</i> Quorum-Sensing-Controlled Communication Using Autoinducer-Loaded Nanoparticles. <i>Nano Letters</i> , 2015, 15, 2235-2241.	9.1	47
75	Development of Potent Inhibitors of Pyocyanin Production in <i>Pseudomonas aeruginosa</i> . <i>Journal of Medicinal Chemistry</i> , 2015, 58, 1298-1306.	6.4	50
76	Differential RNA-seq of <i>Vibrio cholerae</i> identifies the VqmR small RNA as a regulator of biofilm formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E766-75.	7.1	191
77	A Qrr Noncoding RNA Deploys Four Different Regulatory Mechanisms to Optimize Quorum-Sensing Dynamics. <i>Cell</i> , 2015, 160, 228-240.	28.9	137
78	Comprehensive analysis reveals how single nucleotides contribute to noncoding RNA function in bacterial quorum sensing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6038-47.	7.1	25
79	Determinants governing ligand specificity of the <i>Vibrio harveyi</i> LuxN quorum-sensing receptor. <i>Molecular Microbiology</i> , 2015, 95, 127-142.	2.5	33
80	Quorum Sensing Regulates the Osmotic Stress Response in <i>Vibrio harveyi</i> . <i>Journal of Bacteriology</i> , 2015, 197, 73-80.	2.2	44
81	Adhesion as a weapon in microbial competition. <i>ISME Journal</i> , 2015, 9, 139-149.	9.8	156
82	CqsA CqsS quorum-sensing signal-receptor specificity in <i>Photobacterium angustum</i> . <i>Molecular Microbiology</i> , 2014, 91, 821-833.	2.5	12
83	<i>Caenorhabditis elegans</i> Recognizes a Bacterial Quorum-sensing Signal Molecule through the AWCON Neuron. <i>Journal of Biological Chemistry</i> , 2014, 289, 26566-26573.	3.4	28
84	Filaments in curved streamlines: rapid formation of <i>Staphylococcus aureus</i> biofilm streamers. <i>New Journal of Physics</i> , 2014, 16, 065024.	2.9	50
85	Working together at the interface of physics and biology. <i>Physical Biology</i> , 2014, 11, 053010.	1.8	2
86	Solutions to the Public Goods Dilemma in Bacterial Biofilms. <i>Current Biology</i> , 2014, 24, 50-55.	3.9	307
87	Highly potent, chemically stable quorum sensing agonists for <i>Vibrio Cholerae</i> . <i>Chemical Science</i> , 2014, 5, 151-155.	7.4	19
88	Quorum regulatory small RNAs repress type VI secretion in <i>Vibrio cholerae</i> . <i>Molecular Microbiology</i> , 2014, 92, 921-930.	2.5	84
89	Rapid Formation and Flow Around <i>Staphylococcus Aureus</i> Biofilm Streamers. <i>Biophysical Journal</i> , 2014, 106, 422a.	0.5	4
90	A quorum-sensing inhibitor blocks <i>Pseudomonas aeruginosa</i> virulence and biofilm formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17981-17986.	7.1	628

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91	Bacterial regulatory mechanisms: the gene and beyond. <i>Current Opinion in Microbiology</i> , 2013, 16, 109-111.	5.1	7
92	Quorum Sensing. , 2013, , 495-509.		18
93	Analysis of Activator and Repressor Functions Reveals the Requirements for Transcriptional Control by LuxR, the Master Regulator of Quorum Sensing in <i>Vibrio harveyi</i> . <i>MBio</i> , 2013, 4, .	4.1	81
94	Functional determinants of the quorum-sensing non-coding RNAs and their roles in target regulation. <i>EMBO Journal</i> , 2013, 32, 2158-2171.	7.8	64
95	Cutting through the complexity of cell collectives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122770.	2.6	111
96	Biofilm streamers cause catastrophic disruption of flow with consequences for environmental and medical systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4345-4350.	7.1	283
97	Individual and Combined Roles of the Master Regulators AphA and LuxR in Control of the <i>Vibrio harveyi</i> Quorum-Sensing Regulon. <i>Journal of Bacteriology</i> , 2013, 195, 436-443.	2.2	117
98	Broad Spectrum Pro-Quorum-Sensing Molecules as Inhibitors of Virulence in <i>Vibrios</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002767.	4.7	76
99	Role of the CAI-1 Fatty Acid Tail in the <i>Vibrio cholerae</i> Quorum Sensing Response. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9669-9681.	6.4	19
100	Bacterial Quorum Sensing: Its Role in Virulence and Possibilities for Its Control. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a012427-a012427.	6.2	1,460
101	Microbes as Menaces, Mates & Marvels. <i>Daedalus</i> , 2012, 141, 67-76.	1.8	8
102	Quorum-sensing non-coding small RNAs use unique pairing regions to differentially control mRNA targets. <i>Molecular Microbiology</i> , 2012, 83, 599-611.	2.5	105
103	Ligand and antagonist driven regulation of the <i>Vibrio cholerae</i> quorum-sensing receptor CqsS. <i>Molecular Microbiology</i> , 2012, 83, 1095-1108.	2.5	43
104	Microbiology and the Bioeconomy Blueprint. <i>Microbe Magazine</i> , 2012, 7, 156-157.	0.4	2
105	Mechanism of <i>Vibrio cholerae</i> Autoinducer-1 Biosynthesis. <i>ACS Chemical Biology</i> , 2011, 6, 356-365.	3.4	103
106	Protein-Level Fluctuation Correlation at the Microcolony Level and Its Application to the <i>Vibrio harveyi</i> Quorum-Sensing Circuit. <i>Biophysical Journal</i> , 2011, 100, 3045-3053.	0.5	8
107	A Strategy for Antagonizing Quorum Sensing. <i>Molecular Cell</i> , 2011, 42, 199-209.	9.7	246
108	Letters to the Editor. <i>Journal of Microbiology and Biology Education</i> , 2011, 12, 1-1.	1.0	5

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109	Active regulation of receptor ratios controls integration of quorum-sensing signals in <i>Vibrio harveyi</i> . <i>Molecular Systems Biology</i> , 2011, 7, 491.	7.2	68
110	Signal production and detection specificity in <i>Vibrio</i> CqsA/CqsS quorum-sensing systems. <i>Molecular Microbiology</i> , 2011, 79, 1407-1417.	2.5	128
111	Small molecule probes of the receptor binding site in the <i>Vibrio cholerae</i> CAI-1 quorum sensing circuit. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6906-6918.	3.0	23
112	AphA and LuxR/HapR reciprocally control quorum sensing in vibrios. <i>Genes and Development</i> , 2011, 25, 397-408.	5.9	266
113	Quorum Sensing in <i>Chromobacterium violaceum</i> : DNA Recognition and Gene Regulation by the CviR Receptor. <i>Journal of Bacteriology</i> , 2011, 193, 3871-3878.	2.2	138
114	A fitness trade-off between local competition and dispersal in <i>Vibrio cholerae</i> biofilms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14181-14185.	7.1	183
115	Probing bacterial transmembrane histidine kinase receptor-ligand interactions with natural and synthetic molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5575-5580.	7.1	56
116	Small Cells—Big Future. <i>Molecular Biology of the Cell</i> , 2010, 21, 3786-3787.	2.1	7
117	Control of the Type 3 Secretion System in <i>Vibrio harveyi</i> by Quorum Sensing through Repression of ExsA. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4996-5004.	3.1	50
118	Measurement of the Copy Number of the Master Quorum-Sensing Regulator of a Bacterial Cell. <i>Biophysical Journal</i> , 2010, 98, 2024-2031.	0.5	57
119	Negative Feedback Loops Involving Small Regulatory RNAs Precisely Control the <i>Vibrio harveyi</i> Quorum-Sensing Response. <i>Molecular Cell</i> , 2010, 37, 567-579.	9.7	123
120	Quantifying the Integration of Quorum-Sensing Signals with Single-Cell Resolution. <i>PLoS Biology</i> , 2009, 7, e1000068.	5.6	145
121	Distinct Sensory Pathways in <i>Vibrio cholerae</i> El Tor and Classical Biotypes Modulate Cyclic Dimeric GMP Levels To Control Biofilm Formation. <i>Journal of Bacteriology</i> , 2009, 191, 169-177.	2.2	98
122	Societal interactions in ovarian cancer metastasis: a quorum-sensing hypothesis. <i>Clinical and Experimental Metastasis</i> , 2009, 26, 67-76.	3.3	48
123	Gene dosage compensation calibrates four regulatory RNAs to control <i>Vibrio cholerae</i> quorum sensing. <i>EMBO Journal</i> , 2009, 28, 429-439.	7.8	100
124	The <i>Vibrio cholerae</i> quorum-sensing autoinducer CAI-1: analysis of the biosynthetic enzyme CqsA. <i>Nature Chemical Biology</i> , 2009, 5, 891-895.	8.0	98
125	A Quorum-Sensing Antagonist Targets Both Membrane-Bound and Cytoplasmic Receptors and Controls Bacterial Pathogenicity. <i>Molecular Cell</i> , 2009, 35, 143-153.	9.7	186
126	Information processing and signal integration in bacterial quorum sensing. <i>Molecular Systems Biology</i> , 2009, 5, 325.	7.2	165

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127	Bacterial Quorum-Sensing Network Architectures. <i>Annual Review of Genetics</i> , 2009, 43, 197-222.	7.6	1,426
128	Observing bacteria through the lens of social evolution. <i>Journal of Biology</i> , 2008, 7, 27.	2.7	37
129	The LuxS-dependent autoinducer AI-2 controls the expression of an ABC transporter that functions in AI-2 uptake in <i>Salmonella typhimurium</i> . <i>Molecular Microbiology</i> , 2008, 42, 777-793.	2.5	319
130	The <i>Vibrio harveyi</i> master quorum-sensing regulator, LuxR, a TetR-type protein is both an activator and a repressor: DNA recognition and binding specificity at target promoters. <i>Molecular Microbiology</i> , 2008, 70, 76-88.	2.5	131
131	A small RNA-mediated negative feedback loop controls quorum-sensing dynamics in <i>Vibrio harveyi</i> . <i>Molecular Microbiology</i> , 2008, 70, 896-907.	2.5	68
132	Deducing Receptor Signaling Parameters from In Vivo Analysis: LuxN/AI-1 Quorum Sensing in <i>Vibrio harveyi</i> . <i>Cell</i> , 2008, 134, 461-473.	28.9	101
133	Quorum Sensing Controls Biofilm Formation in <i>Vibrio cholerae</i> through Modulation of Cyclic Di-GMP Levels and Repression of <i>vpsT</i> . <i>Journal of Bacteriology</i> , 2008, 190, 2527-2536.	2.2	378
134	A negative feedback loop involving small RNAs accelerates <i>Vibrio cholerae</i> 's transition out of quorum-sensing mode. <i>Genes and Development</i> , 2008, 22, 226-238.	5.9	110
135	Quorum Sensing Influences <i>Vibrio harveyi</i> Growth Rates in a Manner Not Fully Accounted For by the Marker Effect of Bioluminescence. <i>PLoS ONE</i> , 2008, 3, e1671.	2.5	31
136	Multiple small RNAs act additively to integrate sensory information and control quorum sensing in <i>Vibrio harveyi</i> . <i>Genes and Development</i> , 2007, 21, 221-233.	5.9	248
137	Regulatory small RNAs circumvent the conventional quorum sensing pathway in pandemic <i>Vibrio cholerae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11145-11149.	7.1	180
138	Phosphorylation and Processing of the Quorum-Sensing Molecule Autoinducer-2 in Enteric Bacteria. <i>ACS Chemical Biology</i> , 2007, 2, 128-136.	3.4	153
139	The Quorum-Sensing Molecule Autoinducer 2 Regulates Motility and Flagellar Morphogenesis in <i>Helicobacter pylori</i> . <i>Journal of Bacteriology</i> , 2007, 189, 6109-6117.	2.2	84
140	The major <i>Vibrio cholerae</i> autoinducer and its role in virulence factor production. <i>Nature</i> , 2007, 450, 883-886.	27.8	399
141	The small nucleoid protein Fis is involved in <i>Vibrio cholerae</i> quorum sensing. <i>Molecular Microbiology</i> , 2007, 63, 859-71.	2.5	78
142	Playing the game with nature. <i>BioTechniques</i> , 2007, 42, 123.	1.8	0
143	Bacterial Small-Molecule Signaling Pathways. <i>Science</i> , 2006, 311, 1113-1116.	12.6	868
144	Bacterially Speaking. <i>Cell</i> , 2006, 125, 237-246.	28.9	963

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145	Ligand-Induced Asymmetry in Histidine Sensor Kinase Complex Regulates Quorum Sensing. <i>Cell</i> , 2006, 126, 1095-1108.	28.9	258
146	Autoinducer 2: a concentration-dependent signal for mutualistic bacterial biofilm growth. <i>Molecular Microbiology</i> , 2006, 60, 1446-1456.	2.5	327
147	Quorum Sensing. , 2006, , 336-353.		3
148	AI-1 Influences the Kinase Activity but Not the Phosphatase Activity of LuxN of <i>Vibrio harveyi</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 24398-24404.	3.4	51
149	The <i>Vibrio harveyi</i> quorum-sensing system uses shared regulatory components to discriminate between multiple autoinducers. <i>Genes and Development</i> , 2006, 20, 2754-2767.	5.9	204
150	CsrA and three redundant small RNAs regulate quorum sensing in <i>Vibrio cholerae</i> . <i>Molecular Microbiology</i> , 2005, 58, 1186-1202.	2.5	304
151	Interference with AI-2-mediated bacterial cell-cell communication. <i>Nature</i> , 2005, 437, 750-753.	27.8	268
152	An Expedient Synthesis of DPD and Boron Binding Studies. <i>Organic Letters</i> , 2005, 7, 569-572.	4.6	121
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