

# Miguel Camara

## List of Publications by Year in descending order

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124  
papers

14,269  
citations

25034

57  
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20358

116  
g-index

135  
all docs

135  
docs citations

135  
times ranked

10513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quorum sensing and Chromobacterium violaceum: exploitation of violacein production and inhibition for the detection of N-acylhomoserine lactones. Microbiology (United Kingdom), 1997, 143, 3703-3711.	1.8	1,543
2	Quorum sensing and environmental adaptation in Pseudomonas aeruginosa: a tale of regulatory networks and multifunctional signal molecules. Current Opinion in Microbiology, 2009, 12, 182-191.	5.1	693
3	Look who's talking: communication and quorum sensing in the bacterial world. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 1119-1134.	4.0	657
4	N-Acylhomoserine Lactones Undergo Lactonolysis in a pH-, Temperature-, and Acyl Chain Length-Dependent Manner during Growth of Yersinia pseudotuberculosis and Pseudomonas aeruginosa. Infection and Immunity, 2002, 70, 5635-5646.	2.2	560
5	The Pseudomonas aeruginosa quinolone signal molecule overcomes the cell density-dependency of the quorum sensing hierarchy, regulates rhl-dependent genes at the onset of stationary phase and can be produced in the absence of LasR. Molecular Microbiology, 2003, 50, 29-43.	2.5	529
6	Cell-cell signaling in Xanthomonas campestris involves an HD-GYP domain protein that functions in cyclic di-GMP turnover. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6712-6717.	7.1	499
7	Quinolones: from antibiotics to autoinducers. FEMS Microbiology Reviews, 2011, 35, 247-274.	8.6	477
8	The Pseudomonas aeruginosa 4-Quinolone Signal Molecules HHQ and PQS Play Multifunctional Roles in Quorum Sensing and Iron Entrapment. Chemistry and Biology, 2007, 14, 87-96.	6.0	445
9	Quorum Quenching by an N-Acyl-Homoserine Lactone Acylase from Pseudomonas aeruginosa PAO1. Infection and Immunity, 2006, 74, 1673-1682.	2.2	297
10	The galactophilic lectin, LecA, contributes to biofilm development in Pseudomonas aeruginosa. Environmental Microbiology, 2006, 8, 1095-1104.	3.8	282
11	Positive Control of Swarming, Rhamnolipid Synthesis, and Lipase Production by the Posttranscriptional RsmA/RsmZ System in Pseudomonas aeruginosa PAO1. Journal of Bacteriology, 2004, 186, 2936-2945.	2.2	275
12	Cell-to-Cell Communication Across the Prokaryote-Eukaryote Boundary. Science, 2002, 298, 1207-1207.	12.6	274
13	4-Quinolone signalling in Pseudomonas aeruginosa: Old molecules, new perspectives. International Journal of Medical Microbiology, 2006, 296, 83-91.	3.6	269
14	N-Acylhomoserine lactone quorum-sensing molecules are modified and degraded by Rhodococcus erythropolis W2 by both amidolytic and novel oxidoreductase activities. Microbiology (United Kingdom), 2004, 144, 1011-1017.	10.1	211
15	Advancing the Quorum in Pseudomonas aeruginosa : MvaT and the Regulation of N -Acylhomoserine Lactone Production and Virulence Gene Expression. Journal of Bacteriology, 2002, 184, 2576-2586.	2.2	234
16	The Pseudomonas aeruginosa Lectins PA-IL and PA-IIL Are Controlled by Quorum Sensing and by RpoS. Journal of Bacteriology, 2000, 182, 6401-6411.	2.2	230
17	Quorum sensing and the population-dependent control of virulence. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 667-680.	4.0	211
18	Inhibition and Dispersion of Pseudomonas aeruginosa Biofilms by Glycopeptide Dendrimers Targeting the Fucose-Specific Lectin LecB. Chemistry and Biology, 2008, 15, 1249-1257.	6.0	211

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19	The MexGHI-OpmD multidrug efflux pump controls growth, antibiotic susceptibility and virulence in <i>Pseudomonas aeruginosa</i> via 4-quinolone-dependent cell-to-cell communication. <i>Microbiology (United Kingdom)</i> , 2005, 151, 1113-1125.	1.8	204
20	Characterization of N-acylhomoserine lactone-degrading bacteria associated with the <i>Zingiber officinale</i> (ginger) rhizosphere: Co-existence of quorum quenching and quorum sensing in <i>Acinetobacter</i> and <i>Burkholderia</i> . <i>BMC Microbiology</i> , 2011, 11, 51.	3.3	189
21	Structural Basis for Native Agonist and Synthetic Inhibitor Recognition by the <i>Pseudomonas aeruginosa</i> Quorum Sensing Regulator PqsR (MvfR). <i>PLoS Pathogens</i> , 2013, 9, e1003508.	4.7	185
22	Controlling infection by tuning in and turning down the volume of bacterial small-talk. <i>Lancet Infectious Diseases</i> , The, 2002, 2, 667-676.	9.1	173
23	Functional Genetic Analysis Reveals a 2-Alkyl-4-Quinolone Signaling System in the Human Pathogen <i>Burkholderia pseudomallei</i> and Related Bacteria. <i>Chemistry and Biology</i> , 2006, 13, 701-710.	6.0	169
24	Simultaneous quantitative profiling of N-acyl-L-homoserine lactone and 2-alkyl-4(1H)-quinolone families of quorum-sensing signaling molecules using LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 839-850.	3.7	168
25	Disruption of quorum sensing in seawater abolishes attraction of zoospores of the green alga <i>Ulva</i> to bacterial biofilms. <i>Environmental Microbiology</i> , 2005, 7, 229-240.	3.8	157
26	The DSF Family of Quorum Sensing Signals: Diversity, Biosynthesis, and Turnover. <i>Trends in Microbiology</i> , 2017, 25, 293-303.	7.7	155
27	A Glycopeptide Dendrimer Inhibitor of the Galactose-specific Lectin LecA and of <i>Pseudomonas aeruginosa</i> Biofilms. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10631-10635.	13.8	149
28	Characterisation of the <i>yenI/yenR</i> locus from <i>Yersinia enterocolitica</i> mediating the synthesis of two N-acylhomoserine lactone signal molecules. <i>Molecular Microbiology</i> , 1995, 17, 345-356.	2.5	148
29	Clinical utilization of genomics data produced by the international <i>Pseudomonas aeruginosa</i> consortium. <i>Frontiers in Microbiology</i> , 2015, 6, 1036.	3.5	144
30	N-Acylhomoserine Lactones Antagonize Virulence Gene Expression and Quorum Sensing in <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2006, 74, 910-919.	2.2	141
31	Direct detection of N-acylhomoserine lactones in cystic fibrosis sputum. <i>FEMS Microbiology Letters</i> , 2002, 207, 1-7.	1.8	140
32	Unravelling the Genome-Wide Contributions of Specific 2-Alkyl-4-Quinolones and PqsE to Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2016, 12, e1006029.	4.7	140
33	Biofilm Formation in <i>Pseudomonas aeruginosa</i> : Fimbrial cup Gene Clusters Are Controlled by the Transcriptional Regulator MvaT. <i>Journal of Bacteriology</i> , 2004, 186, 2880-2890.	2.2	139
34	Quorum quenching activity in <i>Anabaena</i> sp. PCC 7120: identification of AiiC, a novel AHL-acylase. <i>FEMS Microbiology Letters</i> , 2008, 280, 73-80.	1.8	139
35	Quorum Sensing in <i>Yersinia enterocolitica</i> Controls Swimming and Swarming Motility. <i>Journal of Bacteriology</i> , 2006, 188, 1451-1461.	2.2	133
36	Plant-Influenced Gene Expression in the Rice Endophyte <i>Burkholderia kururiensis</i> M130. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 10-21.	2.6	130

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37	Transcriptomic analysis reveals a global alkyl-quinolone-independent regulatory role for PqsE in facilitating the environmental adaptation of <i>Pseudomonas aeruginosa</i> to plant and animal hosts. <i>Environmental Microbiology</i> , 2010, 12, 1659-1673.	3.8	122
38	Garlic as an inhibitor of <i>Pseudomonas aeruginosa</i> quorum sensing in cystic fibrosis—a pilot randomized controlled trial. <i>Pediatric Pulmonology</i> , 2010, 45, 356-362.	2.0	116
39	Comprehensive profiling of N-acylhomoserine lactones produced by <i>Yersinia pseudotuberculosis</i> using liquid chromatography coupled to hybrid quadrupole-linear ion trap mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 497-511.	3.7	111
40	Biosensor-based assays for PQS, HHQ and related 2-alkyl-4-quinolone quorum sensing signal molecules. <i>Nature Protocols</i> , 2007, 2, 1254-1262.	12.0	110
41	<i>Pseudomonas aeruginosa</i> Quorum Sensing Systems as Drug Discovery Targets: Current Position and Future Perspectives. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10385-10402.	6.4	104
42	Dioxygenase-Mediated Quenching of Quinolone-Dependent Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>Chemistry and Biology</i> , 2009, 16, 1259-1267.	6.0	103
43	Acylhomoserine lactone production and degradation by the fish pathogen <i>Tenacibaculum maritimum</i> , a member of the <i>Cytophaga-Flavobacterium-Bacteroides</i> (CFB) group. <i>FEMS Microbiology Letters</i> , 2010, 304, 131-139.	1.8	101
44	Novel approaches to the treatment of <i>Pseudomonas aeruginosa</i> infections in cystic fibrosis. <i>European Respiratory Journal</i> , 2012, 40, 1014-1023.	6.7	100
45	Turnover of quorum sensing signal molecules modulates cross-kingdom signalling. <i>Environmental Microbiology</i> , 2009, 11, 1792-1802.	3.8	95
46	<i>Pseudomonas aeruginosa</i> quorum sensing molecules correlate with clinical status in cystic fibrosis. <i>European Respiratory Journal</i> , 2015, 46, 1046-1054.	6.7	95
47	A dual biosensor for 2-alkyl-4-quinolone quorum-sensing signal molecules. <i>Environmental Microbiology</i> , 2007, 9, 2683-2693.	3.8	93
48	Bursting the bubble on bacterial biofilms: a flow cell methodology. <i>Biofouling</i> , 2012, 28, 835-842.	2.2	92
49	Structural Rearrangement in an RsmA/CsrA Ortholog of <i>Pseudomonas aeruginosa</i> Creates a Dimeric RNA-Binding Protein, RsmN. <i>Structure</i> , 2013, 21, 1659-1671.	3.3	88
50	Functional Analysis of the Post-transcriptional Regulator RsmA Reveals a Novel RNA-binding Site. <i>Journal of Molecular Biology</i> , 2006, 355, 1026-1036.	4.2	87
51	Economic significance of biofilms: a multidisciplinary and cross-sectoral challenge. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, .	6.4	86
52	Phenotypic and Genome-Wide Analysis of an Antibiotic-Resistant Small Colony Variant (SCV) of <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2011, 6, e29276.	2.5	81
53	Quorum sensing. <i>Current Biology</i> , 2007, 17, R907-R910.	3.9	80
54	Differential Regulation of the Phenazine Biosynthetic Operons by Quorum Sensing in <i>Pseudomonas aeruginosa</i> PAO1-N. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 252.	3.9	79

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55	The <i>Gac/Rsm</i> and cyclic-di-GMP signalling networks coordinately regulate iron uptake in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2014, 16, 676-688.	3.8	76
56	In vitro biosynthesis of the <i>Pseudomonas aeruginosa</i> quorum-sensing signal molecule N-butanoyl-L-homoserine lactone. <i>Molecular Microbiology</i> , 2002, 28, 193-203.	2.5	73
57	N-acyl homoserine lactones are degraded via an amidolytic activity in <i>Comamonas</i> sp. strain D1. <i>Archives of Microbiology</i> , 2007, 187, 249-256.	2.2	61
58	Characterisation of two quorum sensing systems in the endophytic <i>Serratia plymuthica</i> strain G3: differential control of motility and biofilm formation according to life-style. <i>BMC Microbiology</i> , 2011, 11, 26.	3.3	58
59	Genome-wide mapping of the RNA targets of the <i>Pseudomonas aeruginosa</i> riboregulatory protein RsmN. <i>Nucleic Acids Research</i> , 2018, 46, 6823-6840.	14.5	58
60	Integrated whole-genome screening for <i>Pseudomonas aeruginosa</i> virulence genes using multiple disease models reveals that pathogenicity is host specific. <i>Environmental Microbiology</i> , 2015, 17, 4379-4393.	3.8	56
61	A distinctive dual-channel quorum-sensing system operates in <i>Vibrio anguillarum</i> . <i>Molecular Microbiology</i> , 2004, 52, 1677-1689.	2.5	54
62	Functional interplay between the <i>Yersinia pseudotuberculosis</i> YpsRI and YtbRI quorum sensing systems modulates swimming motility by controlling expression of <i>flhDC</i> and <i>fliA</i> . <i>Molecular Microbiology</i> , 2008, 69, 137-151.	2.5	53
63	Role of the Multidrug Resistance Efflux Pump MexCD-OprJ in the <i>Pseudomonas aeruginosa</i> Quorum Sensing Response. <i>Frontiers in Microbiology</i> , 2018, 9, 2752.	3.5	53
64	Quorum sensing in <i>Vibrio cholerae</i> . <i>Nature Genetics</i> , 2002, 32, 217-218.	21.4	52
65	Quorum sensing and the lifestyle of <i>Yersinia</i> . <i>Current Issues in Molecular Biology</i> , 2006, 8, 1-10.	2.4	49
66	Inhibition of <i>Pseudomonas aeruginosa</i> biofilms with a glycopeptide dendrimer containing D-amino acids. <i>MedChemComm</i> , 2011, 2, 418.	3.4	48
67	Biofilm Development on <i>Caenorhabditis elegans</i> by <i>Yersinia</i> Is Facilitated by Quorum Sensing-Dependent Repression of Type III Secretion. <i>PLoS Pathogens</i> , 2011, 7, e1001250.	4.7	47
68	In Silico and in Vitro-Guided Identification of Inhibitors of Alkylquinolone-Dependent Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>Molecules</i> , 2018, 23, 257.	3.8	47
69	A Novel Virulence Strategy for <i>Pseudomonas aeruginosa</i> Mediated by an Autotransporter with Arginine-Specific Aminopeptidase Activity. <i>PLoS Pathogens</i> , 2012, 8, e1002854.	4.7	45
70	The <i>Pseudomonas aeruginosa</i> quinolone quorum sensing signal alters the multicellular behaviour of <i>Pseudomonas putida</i> KT2440. <i>Research in Microbiology</i> , 2011, 162, 773-781.	2.1	37
71	Diagnostic and prognostic significance of systemic alkyl quinolones for <i>P. aeruginosa</i> in cystic fibrosis: A longitudinal study. <i>Journal of Cystic Fibrosis</i> , 2017, 16, 230-238.	0.7	36
72	Challenges and solutions in polymer drug delivery for bacterial biofilm treatment: A tissue-by-tissue account. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113973.	13.7	36

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73	Interference with the germination and growth of <i>U</i> zoospores by quorum-sensing molecules from <i>U</i> -associated epiphytic bacteria. <i>Environmental Microbiology</i> , 2014, 16, 445-453.	3.8	35
74	Negative Regulation of Violacein Biosynthesis in <i>Chromobacterium violaceum</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 349.	3.5	35
75	Regulon Studies and <i>In Planta</i> Role of the Brl/R Quorum-Sensing System in the Plant-Beneficial <i>Burkholderia</i> Cluster. <i>Applied and Environmental Microbiology</i> , 2013, 79, 4421-4432.	3.1	32
76	Novel quinazolinone inhibitors of the <i>Pseudomonas aeruginosa</i> quorum sensing transcriptional regulator PqsR. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112778.	5.5	32
77	Development of a bioluminescent ATP assay to quantify mammalian and bacterial cell number from a mixed population. <i>Biomaterials</i> , 2003, 24, 27-34.	11.4	31
78	Cystic Fibrosis Isolates of <i>Pseudomonas aeruginosa</i> Retain Iron-Regulated Antimicrobial Activity against <i>Staphylococcus aureus</i> through the Action of Multiple Alkylquinolones. <i>Frontiers in Microbiology</i> , 2016, 7, 1171.	3.5	29
79	Hit Identification of New Potent PqsR Antagonists as Inhibitors of Quorum Sensing in Planktonic and Biofilm Grown <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Chemistry</i> , 2020, 8, 204.	3.6	29
80	The <i>Pseudomonas aeruginosa</i> global regulator MvaT specifically binds to the <i>ptxS</i> upstream region and enhances <i>ptxS</i> expression. <i>Microbiology (United Kingdom)</i> , 2004, 150, 3797-3806.	1.8	27
81	The impaired quorum sensing response of <i>Pseudomonas aeruginosa</i> MexAB-OprM efflux pump overexpressing mutants is not due to non-physiological efflux of 3-oxo-C12-HSL. <i>Environmental Microbiology</i> , 2020, 22, 5167-5188.	3.8	24
82	Diverse profiles of <i>N</i> -acyl-homoserine lactone molecules found in cnidarians. <i>FEMS Microbiology Ecology</i> , 2014, 87, 315-329.	2.7	23
83	Synthesis and cell-free cloning of DNA libraries using programmable microfluidics. <i>Nucleic Acids Research</i> , 2016, 44, e35-e35.	14.5	23
84	The <i>Pseudomonas putida</i> CsrA/RsmA homologues negatively affect c-di-GMP pools and biofilm formation through the GGDEF/EAL response regulator CfcR. <i>Environmental Microbiology</i> , 2017, 19, 3551-3566.	3.8	22
85	Design and Evaluation of New Quinazolin-4(3 <i>H</i> )-one Derived PqsR Antagonists as Quorum Sensing Quenchers in <i>Pseudomonas aeruginosa</i> . <i>ACS Infectious Diseases</i> , 2021, 7, 2666-2685.	3.8	22
86	The PA4204 gene encodes a periplasmic gluconolactonase (PpgL) which is important for fitness of <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 2979-2990.	1.8	21
87	RpoS differentially affects the general stress response and biofilm formation in the endophytic <i>Serratia plymuthica</i> G3. <i>Research in Microbiology</i> , 2016, 167, 168-177.	2.1	21
88	Fatty acid-mediated signalling between two <i>Pseudomonas</i> species. <i>Environmental Microbiology Reports</i> , 2012, 4, 417-423.	2.4	20
89	Biotic inactivation of the <i>Pseudomonas aeruginosa</i> quinolone signal molecule. <i>Environmental Microbiology</i> , 2015, 17, 4352-4365.	3.8	20
90	Genome-Wide Evaluation of the Interplay between <i>Caenorhabditis elegans</i> and <i>Yersinia pseudotuberculosis</i> during <i>In Vivo</i> Biofilm Formation. <i>Infection and Immunity</i> , 2015, 83, 17-27.	2.2	19

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91	2â€Tridecanone impacts surfaceâ€associated bacterial behaviours and hinders plantâ€bacteria interactions. <i>Environmental Microbiology</i> , 2018, 20, 2049-2065.	3.8	18
92	Quorum Sensing in <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i> and <i>Erwinia toletana</i> : Role in Virulence and Interspecies Interactions in the Olive Knot. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	16
93	Carbohydrates from <i>Pseudomonas aeruginosa</i> biofilms interact with immune C-type lectins and interfere with their receptor function. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 87.	6.4	16
94	PpoR, an orphan LuxRâ€family protein of <i>Pseudomonas putida</i> KT2440, modulates competitive fitness and surface motility independently of <i>N</i> -acylhomoserine lactones. <i>Environmental Microbiology Reports</i> , 2011, 3, 79-85.	2.4	15
95	LC-MS/MS Quantitative Analysis of Quorum Sensing Signal Molecules. <i>Methods in Molecular Biology</i> , 2014, 1149, 255-270.	0.9	15
96	Detection of 2-Alkyl-4-Quinolones Using Biosensors. <i>Methods in Molecular Biology</i> , 2011, 692, 21-30.	0.9	14
97	Immune dysfunction in patients with obstructive jaundice before and after endoscopic retrograde cholangiopancreatography. <i>Clinical Science</i> , 2016, 130, 1535-1544.	4.3	14
98	Model-Based Drug Development in Pulmonary Delivery: Pharmacokinetic Analysis of Novel Drug Candidates for Treatment of <i>Pseudomonas aeruginosa</i> Lung Infection. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 630-640.	3.3	14
99	Granulocyte-Macrophage Colony Stimulatory Factor Enhances the Pro-Inflammatory Response of Interferon-Î³-Treated Macrophages to <i>Pseudomonas aeruginosa</i> Infection. <i>PLoS ONE</i> , 2015, 10, e0117447.	2.5	14
100	The acylase PvdQ has a conserved function among fluorescent <i>Pseudomonas</i> spp.. <i>Environmental Microbiology Reports</i> , 2010, 2, 433-439.	2.4	13
101	Contribution of the Alkylquinolone Quorum-Sensing System to the Interaction of <i>Pseudomonas aeruginosa</i> With Bronchial Epithelial Cells. <i>Frontiers in Microbiology</i> , 2018, 9, 3018.	3.5	12
102	Mushroomâ€shaped structures formed in <i>Acinetobacter baumannii</i> biofilms grown in a roller bioreactor are associated with quorum sensingâ€dependent Csuâ€pilus assembly. <i>Environmental Microbiology</i> , 2022, 24, 4329-4339.	3.8	12
103	Functional identification of the prnABCD operon and its regulation in <i>Serratia plymuthica</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3711-3721.	3.6	11
104	<i>Symbiopectobacterium purcellii</i> , gen. nov., sp. nov., isolated from the leafhopper <i>Empoasca decipiens</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	11
105	Modulation of T Regulatory and Dendritic Cell Phenotypes Following Ingestion of <i>Bifidobacterium longum</i> , AHCCâ® and Azithromycin in Healthy Individuals. <i>Nutrients</i> , 2019, 11, 2470.	4.1	10
106	Gamma Interferon and Interleukin-17A Differentially Influence the Response of Human Macrophages and Neutrophils to <i>Pseudomonas aeruginosa</i> Infection. <i>Infection and Immunity</i> , 2019, 87, .	2.2	10
107	Cross-kingdom signalling regulates spore germination in the moss <i>Physcomitrella patens</i> . <i>Scientific Reports</i> , 2020, 10, 2614.	3.3	10
108	Regulation of GacA in <i>Pseudomonas chlororaphis</i> Strains Shows a Niche Specificity. <i>PLoS ONE</i> , 2015, 10, e0137553.	2.5	9

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109	Porphyromonas pasteri and Prevotella nanceiensis in the sputum microbiota are associated with increased decline in lung function in individuals with cystic fibrosis. Journal of Medical Microbiology, 2022, 71, .	1.8	9
110	AhaP, A Quorum Quenching Acylase from Psychrobacter sp. M9-54-1 That Attenuates Pseudomonas aeruginosa and Vibrio coralliilyticus Virulence. Marine Drugs, 2021, 19, 16.	4.6	8
111	Genome-Wide Analysis of Targets for Post-Transcriptional Regulation by Rsm Proteins in Pseudomonas putida. Frontiers in Molecular Biosciences, 2021, 8, 624061.	3.5	8
112	Disruption of the Pseudomonas aeruginosa Tat system perturbs PQS-dependent quorum sensing and biofilm maturation through lack of the Rieske cytochrome bc1 sub-unit. PLoS Pathogens, 2021, 17, e1009425.	4.7	8
113	NirA Is an Alternative Nitrite Reductase from Pseudomonas aeruginosa with Potential as an Antivirulence Target. MBio, 2021, 12, .	4.1	7
114	Tobramycin-loaded complexes to prevent and disrupt Pseudomonas aeruginosa biofilms. Drug Delivery and Translational Research, 2022, 12, 1788-1810.	5.8	7
115	Detection of 2-Alkyl-4-Quinolones Using Biosensors. Methods in Molecular Biology, 2018, 1673, 25-34.	0.9	6
116	Model-Informed Drug Discovery and Development in Pulmonary Delivery: Biopharmaceutical Pharmacometric Modeling for Formulation Evaluation of Pulmonary Suspensions. ACS Omega, 2020, 5, 25733-25746.	3.5	6
117	Novel detection of specific bacterial quorum sensing molecules in saliva: Potential non-invasive biomarkers for pulmonary Pseudomonas aeruginosa in cystic fibrosis. Journal of Cystic Fibrosis, 2022, 21, 626-629.	0.7	6
118	Clinical significance of Pseudomonas aeruginosa 2-alkyl-4-quinolone quorum-sensing signal molecules for long-term outcomes in adults with cystic fibrosis. Journal of Medical Microbiology, 2019, 68, 1823-1828.	1.8	6
119	Biosensors for Qualitative and Semiquantitative Analysis of Quorum Sensing Signal Molecules. Methods in Molecular Biology, 2014, 1149, 245-254.	0.9	5
120	2-Alkyl-4-quinolone quorum sensing molecules are biomarkers for culture-independent Pseudomonas aeruginosa burden in adults with cystic fibrosis. Journal of Medical Microbiology, 2021, 70, .	1.8	5
121	Combining Inducible Lectin Expression and Magnetic Glyconanoparticles for the Selective Isolation of Bacteria from Mixed Populations. ACS Applied Materials & Interfaces, 2021, 13, 19230-19243.	8.0	4
122	2-Alkyl-4(1H)-Quinolone Signalling in Pseudomonas aeruginosa. , 2010, , 29-57.		2
123	Weight gain during acute treatment of an initial pulmonary exacerbation is associated with a longer interval to the next exacerbation in adults with cystic fibrosis. ERJ Open Research, 2017, 3, 00057-2017.	2.6	1
124	Professor Dieter Haas (1945â€“2017). FEMS Microbiology Reviews, 2017, 41, 597-598.	8.6	1