Eric DÃ©ziel

List of Publications by Year
in descending order

149	12,932	22153	25787
papers	citations	59 h-index	108 g-index

173	173	173	10628
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<scp>Pseudomonas aeruginosa</scp> isolates defective in function of the <scp>LasR</scp> quorum sensing regulator are frequent in diverse environmental niches. Environmental Microbiology, 2022, 24, 1062-1075.	3.8	24
2	Surface Motility Favors Codependent Interaction between Pseudomonas aeruginosa and Burkholderia cenocepacia. MSphere, 2022, 7, .	2.9	5
3	Microbial biosurfactant research: time to improve the rigour in the reporting of synthesis, functional characterization and process development. Microbial Biotechnology, 2021, 14, 147-170.	4.2	61
4	Total synthesis, isolation, surfactant properties, and biological evaluation of ananatosides and related macrodilactone-containing rhamnolipids. Chemical Science, 2021, 12, 7533-7546.	7.4	12
5	Molecular Modifications of the Pseudomonas Quinolone Signal in the Intermicrobial Competition with Aspergillus. Journal of Fungi (Basel, Switzerland), 2021, 7, 343.	3.5	5
6	Characterization of the biocontrol activity of three bacterial isolates against the phytopathogen Erwinia amylovora. MicrobiologyOpen, 2021, 10, e1202.	3.0	14
7	Faucet aerator design influences aerosol size distribution and microbial contamination level. Science of the Total Environment, 2021, 775, 145690.	8.0	5
8	A High-Throughput Short Sequence Typing Scheme for Serratia marcescens Pure Culture and Environmental DNA. Applied and Environmental Microbiology, 2021, 87, e0139921.	3.1	8
9	Total synthesis of the proposed structures of gladiosides I and II. Carbohydrate Research, 2021, 507, 108373.	2.3	1
10	Presence of the Hmq System and Production of 4-Hydroxy-3-Methyl-2-Alkylquinolines Are Heterogeneously Distributed between Burkholderia cepacia Complex Species and More Prevalent among Environmental than Clinical Isolates. Microbiology Spectrum, 2021, 9, e0012721.	3.0	2
11	Bacterial rhamnolipids and their 3-hydroxyalkanoate precursors activate Arabidopsis innate immunity through two independent mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	25
12	An Organ System-Based Synopsis ofPseudomonas aeruginosaVirulence. Virulence, 2021, 12, 1469-1507.	4.4	35
13	Use of Alternative Gelling Agents Reveals the Role of Rhamnolipids in Pseudomonas aeruginosa Surface Motility. Biomolecules, 2021, 11, 1468.	4.0	5
14	Altered Pseudomonas Strategies to Inhibit Surface Aspergillus Colonies. Frontiers in Cellular and Infection Microbiology, 2021, 11, 734296.	3.9	7
15	Total Synthesis of a Chimeric Glycolipid Bearing the Partially Acetylated Backbone of Sponge-Derived Agminoside E. Journal of Organic Chemistry, 2021, 86, 15357-15375.	3.2	1
16	Editorial: Biosurfactants: New Insights in Their Biosynthesis, Production and Applications. Frontiers in Bioengineering and Biotechnology, 2021, 9, 769899.	4.1	5
17	Burkholderia thailandensis Methylated Hydroxyalkylquinolines: Biosynthesis and Antimicrobial Activity in Cocultures. Applied and Environmental Microbiology, 2020, 86, .	3.1	12
18	Quorum Sensing Controls Both Rhamnolipid and Polyhydroxyalkanoate Production in Burkholderia thailandensis Through ScmR Regulation. Frontiers in Bioengineering and Biotechnology, 2020, 8, 1033.	4.1	16

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19	Secondary metabolites from the Burkholderia pseudomallei complex: structure, ecology, and evolution. Journal of Industrial Microbiology and Biotechnology, 2020, 47, 877-887.	3.0	18
20	Live imaging and quantitative analysis of Aspergillus fumigatus growth and morphology during inter-microbial interaction with Pseudomonas aeruginosa. Virulence, 2020, 11, 1329-1336.	4.4	6
21	Aspergillus Is Inhibited by Pseudomonas aeruginosa Volatiles. Journal of Fungi (Basel, Switzerland), 2020, 6, 118.	3.5	15
22	Development of a novel biological control agent targeting the phytopathogen Erwinia amylovora. Heliyon, 2020, 6, e05222.	3.2	23
23	PqsE Is Essential for RhlR-Dependent Quorum Sensing Regulation in Pseudomonas aeruginosa. MSystems, 2020, 5, .	3.8	35
24	Gamma irradiation triggers a global stress response in Escherichia coli O157:H7 including base and nucleotides excision repair pathways. Microbial Pathogenesis, 2020, 149, 104342.	2.9	8
25	Cationic Ru^{II} Cyclopentadienyl Complexes with Antifungal Activity against Several Candida Species. ChemBioChem, 2020, 21, 3112-3119.	2.6	14
26	Synthesis and Antimicrobial Activity of Burkholderia-Related 4-Hydroxy-3-methyl-2-alkenylquinolines (HMAQs) and Their N-Oxide Counterparts. Journal of Natural Products, 2020, 83, 2145-2154.	3.0	14
27	Changes in polyhydroxyalkanoate granule accumulation make optical density measurement an unreliable method for estimating bacterial growth inBurkholderia thailandensis. Canadian Journal of Microbiology, 2020, 66, 256-262.	1.7	9
28	Swarming motility growth favours the emergence of a subpopulation of <scp>Pseudomonas aeruginosa</scp> quorumâ€sensing mutants. Environmental Microbiology, 2020, 22, 2892-2906.	3.8	12
29	ScmR, a Global Regulator of Gene Expression, Quorum Sensing, pH Homeostasis, and Virulence in Burkholderia thailandensis. Journal of Bacteriology, 2020, 202, .	2.2	18
30	Novel intermicrobial molecular interaction: Pseudomonas aeruginosa Quinolone Signal (PQS) modulates Aspergillus fumigatus response to iron. Microbiology (United Kingdom), 2020, 166, 44-55.	1.8	33
31	Development of a New High-Throughput Multilocus Sequence Typing Method to Monitor Causative Agents of Nosocomial Infections. Infection Control and Hospital Epidemiology, 2020, 41, s187-s187.	1.8	0
32	Intermicrobial interaction: Aspergillus fumigatus siderophores protect against competition by Pseudomonas aeruginosa. PLoS ONE, 2019, 14, e0216085.	2.5	53
33	Semiâ€rational evolution of the 3â€(3â€hydroxyalkanoyloxy)alkanoate (<scp>HAA</scp>) synthase RhlA to improve rhamnolipid production in Pseudomonas aeruginosa and Burkholderia glumae. FEBS Journal, 2019, 286, 4036-4059.	4.7	15
34	Proanthocyanidin Interferes with Intrinsic Antibiotic Resistance Mechanisms of Gramâ€Negative Bacteria. Advanced Science, 2019, 6, 1802333.	11.2	45
35	Extracellular DNA release, quorum sensing, and PrrF1/F2 small RNAs are key players in Pseudomonas aeruginosa tobramycin-enhanced biofilm formation. Npj Biofilms and Microbiomes, 2019, 5, 15.	6.4	61
36	Social cheating in a Pseudomonas aeruginosa quorum-sensing variant. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7021-7026.	7.1	104

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37	Aspergillus-Pseudomonas interaction, relevant to competition in airways. Medical Mycology, 2019, 57, S228-S232.	0.7	35
38	The Pseudomonas aeruginosa Population among Cystic Fibrosis Patients in Quebec, Canada: a Disease Hot Spot without Known Epidemic Isolates. Journal of Clinical Microbiology, 2019, 57, .	3.9	2
39	Novel â€˜Bacteriosprayâ€™ Method Facilitates the Functional Screening of Metagenomic Libraries for Antimicrobial Activity. Methods and Protocols, 2019, 2, 4.	2.0	3
40	Potential of the Burkholderia cepacia Complex to Produce 4-Hydroxy-3-Methyl-2-Alkyquinolines. Frontiers in Cellular and Infection Microbiology, 2019, 9, 33.	3.9	23
41	The symbiotic complex of Dendroctonus simplex: implications in the beetle attack and its life cycle. Bulletin of Entomological Research, 2019, 109, 723-732.	1.0	3
42	Bacillus and Paenibacillus secreted polyketides and peptides involved in controlling human and plant pathogens. Applied Microbiology and Biotechnology, 2019, 103, 1189-1215.	3.6	80
43	Structural determination of ananatoside A: An unprecedented 15-membered macrodilactone-containing glycolipid from Pantoea ananatis. Carbohydrate Research, 2019, 471, 13-18.	2.3	11
44	Phenylacetyl Coenzyme A, Not Phenylacetic Acid, Attenuates CepIR-Regulated Virulence in Burkholderia cenocepacia. Applied and Environmental Microbiology, 2019, 85, .	3.1	7
45	Two rsaM Homologues Encode Central Regulatory Elements Modulating Quorum Sensing in Burkholderia thailandensis. Journal of Bacteriology, 2018, 200, .	2.2	10
46	Studies of Pseudomonas aeruginosa Mutants Indicate Pyoverdine as the Central Factor in Inhibition of Aspergillus fumigatus Biofilm. Journal of Bacteriology, 2018, 200, .	2.2	99
47	Antibacterial properties of the pituitary adenylate cyclase-activating polypeptide: A new human antimicrobial peptide. PLoS ONE, 2018, 13, e0207366.	2.5	7
48	Exposure to Freezeâ€“Thaw Conditions Increases Virulence of Pseudomonas aeruginosa to Drosophila melanogaster. Environmental Science & Technology, 2018, 52, 14180-14186.	10.0	6
49	The absence of SigX results in impaired carbon metabolism and membrane fluidity in Pseudomonas aeruginosa. Scientific Reports, 2018, 8, 17212.	3.3	24
50	Effect of Î²-lactam antibiotic resistance gene expression on the radio-resistance profile of E. coli O157:H7. Heliyon, 2018, 4, e00999.	3.2	6
51	Culture Medium Optimization for Production of Rhamnolipids by Burkholderia glumae. Colloids and Interfaces, 2018, 2, 49.	2.1	8
52	Impact of stagnation and sampling volume on water microbial quality monitoring in large buildings. PLoS ONE, 2018, 13, e0199429.	2.5	55
53	A multi-host approach to identify a transposon mutant of Pseudomonas aeruginosa LESB58 lacking full virulence. BMC Research Notes, 2018, 11, 198.	1.4	0
54	Liquid Chromatography/Mass Spectrometry (LC/MS) for the Detection and Quantification of N-Acyl-L-Homoserine Lactones (AHLs) and 4-Hydroxy-2-Alkylquinolines (HAQs). Methods in Molecular Biology, 2018, 1673, 49-59.	0.9	20

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55	Polypharmacology Approaches against the Pseudomonas aeruginosa MvfR Regulon and Their Application in Blocking Virulence and Antibiotic Tolerance. ACS Chemical Biology, 2017, 12, 1435-1443.	3.4	36
56	Studies of Pseudomonas aeruginosa Mutants Indicate Pyoverdine as the Central Factor in Inhibition of Aspergillus fumigatus Biofilm. Open Forum Infectious Diseases, 2017, 4, S116-S116.	0.9	3
57	The Complex Quorum Sensing Circuitry of Burkholderia thailandensis Is Both Hierarchically and Homeostatically Organized. MBio, 2017, 8, .	4.1	21
58	Genomic characterization of environmental Pseudomonas aeruginosa isolated from dental unit waterlines revealed the insertion sequence ISPa11 as a chaotropic element. FEMS Microbiology Ecology, 2017, 93, .	2.7	21
59	Hospital Drains as Reservoirs of Pseudomonas aeruginosa: Multiple-Locus Variable-Number of Tandem Repeats Analysis Genotypes Recovered from Faucets, Sink Surfaces and Patients. Pathogens, 2017, 6, 36.	2.8	45
60	Interplay between 4-Hydroxy-3-Methyl-2-Alkylquinoline and N-Acyl-Homoserine Lactone Signaling in a Burkholderia cepacia Complex Clinical Strain. Frontiers in Microbiology, 2017, 8, 1021.	3.5	24
61	Peptide modification results in the formation of a dimer with a 60-fold enhanced antimicrobial activity. PLoS ONE, 2017, 12, e0173783.	2.5	23
62	Adaptive Significance of Quorum Sensing-Dependent Regulation of Rhamnolipids by Integration of Growth Rate in Burkholderia glumae: A Trade-Off between Survival and Efficiency. Frontiers in Microbiology, 2016, 7, 1215.	3.5	19
63	A Novel Glycolipid Biosurfactant Confers Grazing Resistance upon Pantoea ananatis BRT175 against the Social Amoeba Dictyostelium discoideum. MSphere, 2016, 1, .	2.9	21
64	Pseudomonas aeruginosa in premise plumbing of large buildings. MicrobiologyOpen, 2016, 5, 937-956.	3.0	120
65	LasR Variant Cystic Fibrosis Isolates Reveal an Adaptable Quorum-Sensing Hierarchy in Pseudomonas aeruginosa. MBio, 2016, 7, .	4.1	219
66	Cranberry-derived proanthocyanidins impair virulence and inhibit quorum sensing of Pseudomonas aeruginosa. Scientific Reports, 2016, 6, 30169.	3.3	89
67	Broth versus Surface-Grown Cells: Differential Regulation of RsmY/Z Small RNAs in Pseudomonas aeruginosa by the Gac/HptB System. Frontiers in Microbiology, 2016, 7, 2168.	3.5	21
68	Post-Outbreak Investigation of Pseudomonas aeruginosa Faucet Contamination by Quantitative Polymerase Chain Reaction and Environmental Factors Affecting Positivity. Infection Control and Hospital Epidemiology, 2015, 36, 1337-1343.	1.8	36
69	Preparation, Imaging, and Quantification of Bacterial Surface Motility Assays. Journal of Visualized Experiments, 2015, , .	0.3	44
70	Surveying the endomicrobiome and ectomicrobiome of bark beetles: The case of Dendroctonus simplex. Scientific Reports, 2015, 5, 17190.	3.3	51
71	Clinical utilization of genomics data produced by the international Pseudomonas aeruginosa consortium. Frontiers in Microbiology, 2015, 6, 1036.	3.5	144
72	Development of four-stage moving bed biofilm reactor train with a pre-denitrification configuration for the removal of thiocyanate and cyanate. Bioresource Technology, 2015, 181, 254-262.	9.6	22

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73	Temperature diagnostic to identify high risk areas and optimize Legionella pneumophila surveillance in hot water distribution systems. Water Research, 2015, 71, 244-256.	11.3	77
74	Bactericidal Effect of Tomatidine-Tobramycin Combination against Methicillin-Resistant Staphylococcus aureus and Pseudomonas aeruginosa Is Enhanced by Interspecific Small-Molecule Interactions. Antimicrobial Agents and Chemotherapy, 2015, 59, 7458-7464.	3.2	22
75	Complex autoregulation of the post-transcriptional regulator RsmA in Pseudomonas aeruginosa. Microbiology (United Kingdom), 2015, 161, 1889-1896.	1.8	7
76	Quorum Sensing Controls Swarming Motility of Burkholderia glumae through Regulation of Rhamnolipids. PLoS ONE, 2015, 10, e0128509.	2.5	59
77	Liquid Chromatography/Mass Spectrometry for the Identification and Quantification of Rhamnolipids. Methods in Molecular Biology, 2014, 1149, 359-373.	0.9	16
78	Effect of Î³-irradiation on gene expression of heat shock proteins in the foodborne pathogenEscherichia coliO157:H7. International Journal of Radiation Biology, 2014, 90, 268-273.	1.8	4
79	<scp>C</scp>yclicâ€diâ€<scp>GMP</scp> levels affect <scp>P</scp>seudomonas aeruginosa fitness in the presence of imipenem. Environmental Microbiology, 2014, 16, 1321-1333.	3.8	21
80	Recovery ofPseudomonas aeruginosaculturability following copper- and chlorine-induced stress. FEMS Microbiology Letters, 2014, 356, 226-234.	1.8	45
81	The involvement of rhamnolipids in microbial cell adhesion and biofilm development - an approach for control?. Letters in Applied Microbiology, 2014, 58, 447-453.	2.2	101
82	A Stereospecific Pathway Diverts Î²-Oxidation Intermediates to the Biosynthesis of Rhamnolipid Biosurfactants. Chemistry and Biology, 2014, 21, 156-164.	6.0	87
83	Interspecific Small Molecule Interactions between Clinical Isolates of Pseudomonas aeruginosa and Staphylococcus aureus from Adult Cystic Fibrosis Patients. PLoS ONE, 2014, 9, e86705.	2.5	76
84	Cyclic-di-GMP levels affect Pseudomonas aeruginosa fitness in the presence of imipenem. Environmental Microbiology, 2014, 16, 1321-33.	3.8	4
85	High absorption of endocrine disruptors by Hytrel: towards the development of a twoâ€phase partitioning bioreactor. Journal of Chemical Technology and Biotechnology, 2013, 88, 119-125.	3.2	6
86	Comparative Analysis of Rhamnolipids from Novel Environmental Isolates of Pseudomonas aeruginosa. Journal of Surfactants and Detergents, 2013, 16, 673-682.	2.1	25
87	Convergent Evolution of Hyperswarming Leads to Impaired Biofilm Formation in Pathogenic Bacteria. Cell Reports, 2013, 4, 697-708.	6.4	134
88	A chiral high-performance liquid chromatographyâ€“tandem mass spectrometry method for the stereospecific analysis of enoyl-coenzyme A hydratases/isomerases. Journal of Chromatography A, 2013, 1306, 37-43.	3.7	20
89	The End of an Old Hypothesis: The Pseudomonas Signaling Molecules 4-Hydroxy-2-Alkylquinolines Derive from Fatty Acids, Not 3-Ketofatty Acids. Chemistry and Biology, 2013, 20, 1481-1491.	6.0	122
90	Staphylococcus aureus Small-Colony Variants Are Independently Associated With Worse Lung Disease in Children With Cystic Fibrosis. Clinical Infectious Diseases, 2013, 57, 384-391.	5.8	153

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91	Vfm a new quorum sensing system controls the virulence of <scp>D</scp>ickeya dadantii. Environmental Microbiology, 2013, 15, 865-880.	3.8	95
92	Biodegradation of Endocrine Disruptors in Solid-Liquid Two-Phase Partitioning Systems by Enrichment Cultures. Applied and Environmental Microbiology, 2013, 79, 4701-4711.	3.1	29
93	Identification of quorum sensingâ€controlled genes in <scp>B</scp>urkholderia ambifaria. MicrobiologyOpen, 2013, 2, 226-242.	3.0	39
94	Systematic Mutational Analysis of the Putative Hydrolase PqsE: Toward a Deeper Molecular Understanding of Virulence Acquisition in Pseudomonas aeruginosa. PLoS ONE, 2013, 8, e73727.	2.5	13
95	The Extra-Cytoplasmic Function Sigma Factor SigX Modulates Biofilm and Virulence-Related Properties in Pseudomonas aeruginosa. PLoS ONE, 2013, 8, e80407.	2.5	60
96	The complex symbiotic relationships of bark beetles with microorganisms: a potential practical approach for biological control in forestry. Pest Management Science, 2012, 68, 963-975.	3.4	70
97	Rhamnolipids: Detection, Analysis, Biosynthesis, Genetic Regulation, and Bioengineering of Production. Microbiology Monographs, 2011, , 13-55.	0.6	72
98	A Quorum Sensing Regulated Small Volatile Molecule Reduces Acute Virulence and Promotes Chronic Infection Phenotypes. PLoS Pathogens, 2011, 7, e1002192.	4.7	100
99	MexEF-OprN Efflux Pump Exports the Pseudomonas Quinolone Signal (PQS) Precursor HHQ (4-hydroxy-2-heptylquinoline). PLoS ONE, 2011, 6, e24310.	2.5	118
100	The various lifestyles of the Burkholderia cepacia complex species: a tribute to adaptation. Environmental Microbiology, 2011, 13, 1-12.	3.8	151
101	Characterization of rhamnolipid production by Burkholderia glumae. Letters in Applied Microbiology, 2011, 53, 620-627.	2.2	82
102	Full Virulence of Pseudomonas aeruginosa Requires OprF. Infection and Immunity, 2011, 79, 1176-1186.	2.2	162
103	Liquid Chromatography/Mass Spectrometry for the Detection and Quantification of N-Acyl-l-Homoserine Lactones and 4-Hydroxy-2-Alkylquinolines. Methods in Molecular Biology, 2011, 692, 61-69.	0.9	15
104	Rhamnolipids: diversity of structures, microbial origins and roles. Applied Microbiology and Biotechnology, 2010, 86, 1323-1336.	3.6	731
105	Gene expression in Pseudomonas aeruginosa swarming motility. BMC Genomics, 2010, 11, 587.	2.8	102
106	Staphylococcus aureus sigma B-dependent emergence of small-colony variants and biofilm production following exposure to Pseudomonas aeruginosa 4-hydroxy-2-heptylquinoline-N- oxide. BMC Microbiology, 2010, 10, 33.	3.3	128
107	Structure, properties and applications of rhamnolipids produced by Pseudomonas aeruginosa L2-1 from cassava wastewater. Process Biochemistry, 2010, 45, 1511-1516.	3.7	129
108	Phase variation has a role in Burkholderia ambifaria niche adaptation. ISME Journal, 2010, 4, 49-60.	9.8	35

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109	Drosophila melanogaster as a Model Host for the Burkholderia cepacia Complex. PLoS ONE, 2010, 5, e11467.	2.5	32
110	Increase in Rhamnolipid Synthesis under Iron-Limiting Conditions Influences Surface Motility and Biofilm Formation in Pseudomonas aeruginosa. Journal of Bacteriology, 2010, 192, 2973-2980.	2.2	140
111	Identification and Characterization of a Novel CprA Reductive Dehalogenase Specific to Highly Chlorinated Phenols from Desulfitobacterium hafniense Strain PCP-1. Applied and Environmental Microbiology, 2010, 76, 7536-7540.	3.1	45
112	Homeostatic Interplay between Bacterial Cell-Cell Signaling and Iron in Virulence. PLoS Pathogens, 2010, 6, e1000810.	4.7	76
113	Revisiting the quorum-sensing hierarchy in Pseudomonas aeruginosa: the transcriptional regulator RhlR regulates LasR-specific factors. Microbiology (United Kingdom), 2009, 155, 712-723.	1.8	252
114	Burkholderia thailandensis harbors two identical rhl gene clusters responsible for the biosynthesis of rhamnolipids. BMC Microbiology, 2009, 9, 263.	3.3	166
115	Cassava wastewater as a substrate for the simultaneous production of rhamnolipids and polyhydroxyalkanoates by Pseudomonas aeruginosa. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 1063-1072.	3.0	72
116	Bacterial Diversity of a Consortium Degrading High-Molecular-Weight Polycyclic Aromatic Hydrocarbons in a Two-Liquid Phase Biosystem. Microbial Ecology, 2009, 57, 455-468.	2.8	71
117	Swarming motility: a multicellular behaviour conferring antimicrobial resistance. Environmental Microbiology, 2009, 11, 126-136.	3.8	186
118	Improving the reproducibility of Pseudomonas aeruginosa swarming motility assays. Journal of Basic Microbiology, 2008, 48, 509-515.	3.3	103
119	The Fruit Fly as a Meeting Place for Microbes. Cell Host and Microbe, 2008, 4, 505-507.	11.0	5
120	Burkholderia pseudomallei,B. thailandensis, andB. ambifariaProduce 4-Hydroxy-2-Alkylquinoline Analogues with a Methyl Group at the 3 Position That Is Required for Quorum-Sensing Regulation. Journal of Bacteriology, 2008, 190, 5339-5352.	2.2	128
121	Inhibitors of Pathogen Intercellular Signals as Selective Anti-Infective Compounds. PLoS Pathogens, 2007, 3, e126.	4.7	184
122	PqsA is required for the biosynthesis of 2,4-dihydroxyquinoline (DHQ), a newly identified metabolite produced by Pseudomonas aeruginosa and Burkholderia thailandensis. Biological Chemistry, 2007, 388, 839-845.	2.5	29
123	Selfâ€produced extracellular stimuli modulate the Pseudomonas aeruginosa swarming motility behaviour. Environmental Microbiology, 2007, 9, 2622-2630.	3.8	170
124	Growth phenotypes of Pseudomonas aeruginosa lasR mutants adapted to the airways of cystic fibrosis patients. Molecular Microbiology, 2007, 64, 512-533.	2.5	325
125	Burkholderia diversity and versatility: an inventory of the extracellular products. Journal of Microbiology and Biotechnology, 2007, 17, 1407-29.	2.1	75
126	Genomic analysis reveals that Pseudomonas aeruginosa virulence is combinatorial. Genome Biology, 2006, 7, R90.	9.6	479

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127	Selection for Staphylococcus aureus small-colony variants due to growth in the presence of Pseudomonas aeruginosa. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19890-19895.	7.1	385
128	MvfR, a key Pseudomonas aeruginosa pathogenicity LTTR-class regulatory protein, has dual ligands. Molecular Microbiology, 2006, 62, 1689-1699.	2.5	273
129	Monorhamnolipids and 3-(3-hydroxyalkanoyloxy)alkanoic acids (HAAs) production using Escherichia coli as a heterologous host. Applied Microbiology and Biotechnology, 2006, 73, 187-194.	3.6	100
130	Production of rhamnolipids by Pseudomonas aeruginosa. Applied Microbiology and Biotechnology, 2005, 68, 718-725.	3.6	380
131	Phase variation and antigenic variation. , 2005, , 277-322.		7
132	Conserved virulence factors of Pseudomonas aeruginosa are required for killing Bacillus subtilis. Journal of Microbiology, 2005, 43, 443-50.	2.8	29
133	The broad host range pathogen Pseudomonas aeruginosa strain PA14 carries two pathogenicity islands harboring plant and animal virulence genes. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2530-2535.	7.1	364
134	Analysis of Pseudomonas aeruginosa 4-hydroxy-2-alkylquinolines (HAQs) reveals a role for 4-hydroxy-2-heptylquinoline in cell-to-cell communication. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1339-1344.	7.1	561
135	The contribution of MvfR to Pseudomonas aeruginosa pathogenesis and quorum sensing circuitry regulation: multiple quorum sensing-regulated genes are modulated without affecting lasRI, rhlRI or the production of N-acyl- l-homoserine lactones. Molecular Microbiology, 2004, 55, 998-1014.	2.5	396
136	Electrospray/mass spectrometric identification and analysis of 4-hydroxy-2-alkylquinolines (HAQs) produced by Pseudomonas aeruginosa. Journal of the American Society for Mass Spectrometry, 2004, 15, 862-869.	2.8	232
137	Pseudomonas aeruginosa-Plant Root Interactions. Pathogenicity, Biofilm Formation, and Root Exudation. Plant Physiology, 2004, 134, 320-331.	4.8	327
138	Initial characterization of new bacteria degrading high-molecular weight polycyclic aromatic hydrocarbons isolated from a 2-year enrichment in a two-liquid-phase culture system. Journal of Applied Microbiology, 2003, 94, 301-311.	3.1	59
139	A stable isotope dilution assay for the quantification of the Pseudomonas quinolone signal in Pseudomonas aeruginosa cultures. Biochimica Et Biophysica Acta - General Subjects, 2003, 1622, 36-41.	2.4	129
140	rhlA is required for the production of a novel biosurfactant promoting swarming motility in Pseudomonas aeruginosa: 3-(3-hydroxyalkanoyloxy)alkanoic acids (HAAs), the precursors of rhamnolipids. Microbiology (United Kingdom), 2003, 149, 2005-2013.	1.8	421
141	Liquid chromatographic/mass spectrometric detection of the 3-(3-hydroxyalkanoyloxy) alkanoic acid precursors of rhamnolipids inPseudomonas aeruginosacultures. Journal of Mass Spectrometry, 2002, 37, 41-46.	1.6	43
142	Initiation of Biofilm Formation by Pseudomonas aeruginosa 57RP Correlates with Emergence of Hyperpiliated and Highly Adherent Phenotypic Variants Deficient in Swimming, Swarming, and Twitching Motilities. Journal of Bacteriology, 2001, 183, 1195-1204.	2.2	415
143	Optimization of high-molecular-weight polycyclic aromatic hydrocarbons' degradation in a two-liquid-phase bioreactor. Journal of Applied Microbiology, 2000, 88, 655-662.	3.1	99
144	Two-Liquid-Phase Slurry Bioreactors To Enhance the Degradation of High-Molecular-Weight Polycyclic Aromatic Hydrocarbons in Soil. Biotechnology Progress, 2000, 16, 966-972.	2.6	62

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145	Mass spectrometry monitoring of rhamnolipids from a growing culture of Pseudomonas aeruginosa strain 57RP. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2000, 1485, 145-152.	2.4	164
146	Two-liquid-phase bioreactors for enhanced degradation of hydrophobic/toxic compounds. Biodegradation, 1999, 10, 219-233.	3.0	148
147	Liquid chromatography/mass spectrometry analysis of mixtures of rhamnolipids produced by Pseudomonas aeruginosa strain 57RP grown on mannitol or naphthalene. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 1999, 1440, 244-252.	2.4	236
148	Comparative study of five polycyclic aromatic hydrocarbon degrading bacterial strains isolated from contaminated soils. Canadian Journal of Microbiology, 1997, 43, 368-377.	1.7	79
149	Biosurfactant production by a soil pseudomonas strain growing on polycyclic aromatic hydrocarbons. Applied and Environmental Microbiology, 1996, 62, 1908-1912.	3.1	269