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List of Publications by Year
in descending order

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230 papers	25,882 citations	4955 84 h-index	7736 150 g-index
334 all docs	334 docs citations	334 times ranked	21806 citing authors

#	Article	IF	Citations
1	The structural role of bacterial eDNA in the formation of biofilm streamers. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113723119.	3.3	30
2	Identification of Key Factors for Anoxic Survival of B. cenocepacia H111. International Journal of Molecular Sciences, 2022, 23, 4560.	1.8	1
3	The role of peptidoglycan hydrolases in the formation and toxicity ofPseudomonas aeruginosamembrane vesicles. MicroLife, 2022, 3, .	1.0	4
4	Role of extracellular matrix components in the formation of biofilms and their contribution to the biocontrol activity of Pseudomonas chlororaphisâ€‰<scp>PCL1606</scp>. Environmental Microbiology, 2021, 23, 2086-2101.	1.8	9
5	Roadmap on emerging concepts in the physical biology of bacterial biofilms: from surface sensing to community formation. Physical Biology, 2021, 18, 051501.	0.8	46
6	Detection of cytosine methylation in Burkholderia cenocepacia by single-molecule real-time sequencing and whole-genome bisulfite sequencing. Microbiology (United Kingdom), 2021, 167, .	0.7	4
7	NirA Is an Alternative Nitrite Reductase from Pseudomonas aeruginosa with Potential as an Antivirulence Target. MBio, 2021, 12, .	1.8	7
8	Understanding plantâ€“microorganism interactions to envision a future of sustainable agriculture. Environmental Microbiology, 2021, 23, 1809-1811.	1.8	2
9	Investigation of Burkholderia cepacia Complex Methylomes via Single-Molecule, Real-Time Sequencing and Mutant Analysis. Journal of Bacteriology, 2021, 203, e0068320.	1.0	4
10	Differential Expression of Paraburkholderia phymatum Type VI Secretion Systems (T6SS) Suggests a Role of T6SS-b in Early Symbiotic Interaction. Frontiers in Plant Science, 2021, 12, 699590.	1.7	10
11	Metabolomics and Dual RNA-Sequencing on Root Nodules Revealed New Cellular Functions Controlled by Paraburkholderia phymatum NifA. Metabolites, 2021, 11, 455.	1.3	3
12	Bacterial surface properties influence the activity of the TAT-RasGAP317-326 antimicrobial peptide. IScience, 2021, 24, 102923.	1.9	5
13	Identification of genes required for gold and silver tolerance in Burkholderia cenocepacia â€‰ H111 by transposon sequencing. Environmental Microbiology, 2021, , .	1.8	2
14	Mitigation of Pseudomonas syringae virulence by signal inactivation. Science Advances, 2021, 7, eabg2293.	4.7	8
15	Leaf nodule endosymbiotic Burkholderia confer targeted allelopathy to their Psychotria hosts. Scientific Reports, 2021, 11, 22465.	1.6	4
16	Biological role of EPS from Pseudomonas syringae pv. syringae UMAF0158 extracellular matrix, focusing on a Psl-like polysaccharide. Npj Biofilms and Microbiomes, 2020, 6, 37.	2.9	27
17	A microfluidic platform for in situ investigation of biofilm formation and its treatment under controlled conditions. Journal of Nanobiotechnology, 2020, 18, 166.	4.2	24
18	Deciphering the Enigmatic Function of Pseudomonas Metallothioneins. Frontiers in Microbiology, 2020, 11, 1709.	1.5	14

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19	The Exopolysaccharide Cepacian Plays a Role in the Establishment of the Paraburkholderia phymatum â€“ Phaseolus vulgaris Symbiosis. Frontiers in Microbiology, 2020, 11, 1600.	1.5	13
20	Identification of Genes Required for Resistance to Peptidomimetic Antibiotics by Transposon Sequencing. Frontiers in Microbiology, 2020, 11, 1681.	1.5	8
21	Paraburkholderia phymatum STM815 Ïƒ54 Controls Utilization of Dicarboxylates, Motility, and T6SS-b Expression. Nitrogen, 2020, 1, 81-98.	0.6	3
22	Mapping of the Denitrification Pathway in Burkholderia thailandensis by Genome-Wide Mutant Profiling. Journal of Bacteriology, 2020, 202, .	1.0	10
23	The effect of flow on swimming bacteria controls the initial colonization of curved surfaces. Nature Communications, 2020, 11, 2851.	5.8	66
24	Copper resistance genes of <scp>Burkholderia cenocepacia</scp> H111 identified by transposon sequencing. Environmental Microbiology Reports, 2020, 12, 241-249.	1.0	12
25	Biosynthesis and Structureâ€“Activity Relationship Investigations of the Diazeniumdiolate Antifungal Agent Fragin. ChemBioChem, 2020, 21, 1587-1592.	1.3	14
26	Functions of MVs in Inter-Bacterial Communication. , 2020, , 101-117.		4
27	DNA Methylation Epigenetically Regulates Gene Expression in Burkholderia cenocepacia and Controls Biofilm Formation, Cell Aggregation, and Motility. MSphere, 2020, 5, .	1.3	13
28	Burkholderia cenocepacia utilizes a type VI secretion system for bacterial competition. MicrobiologyOpen, 2019, 8, e774.	1.2	36
29	An Integrated Systems Approach Unveils New Aspects of Microoxia-Mediated Regulation in Bradyrhizobium diazoefficiens. Frontiers in Microbiology, 2019, 10, 924.	1.5	31
30	The Compound 2-Hexyl, 5-Propyl Resorcinol Has a Key Role in Biofilm Formation by the Biocontrol Rhizobacterium Pseudomonas chlororaphis PCL1606. Frontiers in Microbiology, 2019, 10, 396.	1.5	35
31	Bacterial Adhesion on Soft Materials: Passive Physicochemical Interactions or Active Bacterial Mechanosensing?. Advanced Healthcare Materials, 2019, 8, e1801323.	3.9	45
32	Genetic architecture constrains exploitation of siderophore cooperation in the bacteriumBurkholderia cenocepacia. Evolution Letters, 2019, 3, 610-622.	1.6	17
33	Chimeric peptidomimetic antibiotics against Gram-negative bacteria. Nature, 2019, 576, 452-458.	13.7	231
34	Types and origins of bacterial membrane vesicles. Nature Reviews Microbiology, 2019, 17, 13-24.	13.6	706
35	Antibiotics Stimulate Formation of Vesicles in Staphylococcus aureus in both Phage-Dependent and -Independent Fashions and via Different Routes. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	86
36	Synthesis and Biological Evaluation of the Novel Growth Inhibitor Streptol Glucoside, Isolated from an Obligate Plant Symbiont. Chemistry - A European Journal, 2019, 25, 1722-1726.	1.7	13

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37	Biosynthesis of fragin is controlled by a novel quorum sensing signal. Nature Communications, 2018, 9, 1297.	5.8	91
38	Leaf nodule symbiosis: function and transmission of obligate bacterial endophytes. Current Opinion in Plant Biology, 2018, 44, 23-31.	3.5	46
39	Heterologous Expression, Biosynthetic Studies, and Ecological Function of the Selective Gqâ€Signaling Inhibitor FR900359. Angewandte Chemie - International Edition, 2018, 57, 836-840.	7.2	57
40	Heterologe Expression, Biosynthese und Ã¶kologische Funktion des selektiven Gqâ€Signaltransduktionsinhibitors FR900359. Angewandte Chemie, 2018, 130, 844-849.	1.6	5
41	Identification of AHL- and BDSF-Controlled Proteins in Burkholderia cenocepacia by Proteomics. Methods in Molecular Biology, 2018, 1673, 193-202.	0.4	2
42	Thanatin targets the intermembrane protein complex required for lipopolysaccharide transport in Escherichia coli. Science Advances, 2018, 4, eaau2634.	4.7	109
43	The afc antifungal activity cluster, which is under tight regulatory control of ShvR, is essential for transition from intracellular persistence of Burkholderia cenocepacia to acute pro-inflammatory infection. PLoS Pathogens, 2018, 14, e1007473.	2.1	13
44	Involvement of Burkholderiaceae and sulfurous volatiles in disease-suppressive soils. ISME Journal, 2018, 12, 2307-2321.	4.4	131
45	Key Players and Individualists of Cyclic-di-GMP Signaling in Burkholderia cenocepacia. Frontiers in Microbiology, 2018, 9, 3286.	1.5	21
46	Membrane vesicle-mediated bacterial communication. ISME Journal, 2017, 11, 1504-1509.	4.4	131
47	Use of Synthetic Hybrid Strains To Determine the Role of Replicon 3 in Virulence of the Burkholderia cepacia Complex. Applied and Environmental Microbiology, 2017, 83, .	1.4	9
48	Regulation of BurkholderiaÂcenocepacia biofilm formation by RpoN and the câ€diâ€<scp>GMP</scp> effector BerB. MicrobiologyOpen, 2017, 6, e00480.	1.2	26
49	Draft genome and description of Orrella dioscoreae gen. nov. sp. nov., a new species of Alcaligenaceae isolated from leaf acumens of Dioscorea sansibarensis. Systematic and Applied Microbiology, 2017, 40, 11-21.	1.2	42
50	Draft Genome Sequence of Cronobacter sakazakii GP1999, Sequence Type 145, an Epiphytic Isolate Obtained from the Tomatoâ€™s Rhizoplane/Rhizosphere Continuum. Genome Announcements, 2017, 5, .	0.8	9
51	The Essential Genome of Burkholderia cenocepacia H111. Journal of Bacteriology, 2017, 199, .	1.0	24
52	Prophage-triggered membrane vesicle formation through peptidoglycan damage in Bacillus subtilis. Nature Communications, 2017, 8, 481.	5.8	224
53	Functional Silverâ€Siliconeâ€Nanofilamentâ€Composite Material for Water Disinfection. Small, 2017, 13, 1601072.	5.2	13
54	Competition Experiments for Legume Infection Identify Burkholderia phymatum as a Highly Competitive Î²-Rhizobium. Frontiers in Microbiology, 2017, 8, 1527.	1.5	48

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55	Mutations in Two Paraburkholderia phymatum Type VI Secretion Systems Cause Reduced Fitness in Interbacterial Competition. Frontiers in Microbiology, 2017, 8, 2473.	1.5	27
56	NtrC-dependent control of exopolysaccharide synthesis and motility in Burkholderia cenocepacia H111. PLoS ONE, 2017, 12, e0180362.	1.1	20
57	High intracellular c-di-GMP levels antagonize quorum sensing and virulence gene expression in Burkholderia cenocepacia H111. Microbiology (United Kingdom), 2017, 163, 754-764.	0.7	34
58	Members of the genus Burkholderia: good and bad guys. F1000Research, 2016, 5, 1007.	0.8	280
59	The genome analysis of <scp>C</scp>andidatusâ€...<scp>B</scp>urkholderia crenata reveals that secondary metabolism may be a key function of the <scp>A</scp>rdisia crenata leaf nodule symbiosis. Environmental Microbiology, 2016, 18, 2507-2522.	1.8	64
60	The DSF type quorum sensing signalling system RpfF/R regulates diverse phenotypes in the opportunistic pathogen Cronobacter. Scientific Reports, 2016, 6, 18753.	1.6	47
61	Evidence for the widespread production of DSF family signal molecules by members of the genus Burkholderia by the aid of novel biosensors. Environmental Microbiology Reports, 2016, 8, 38-44.	1.0	17
62	The role of siderophores in metal homeostasis of members of the genus Burkholderia. Environmental Microbiology Reports, 2016, 8, 103-109.	1.0	17
63	Explosive cell lysis as a mechanism for the biogenesis of bacterial membrane vesicles and biofilms. Nature Communications, 2016, 7, 11220.	5.8	487
64	Molecular mechanisms underlying the close association between soil Burkholderia and fungi. ISME Journal, 2016, 10, 253-264.	4.4	118
65	A Peptidomimetic Antibiotic Targets Outer Membrane Proteins and Disrupts Selectively the Outer Membrane in Escherichia coli. Journal of Biological Chemistry, 2016, 291, 1921-1932.	1.6	97
66	Evidence of horizontal gene transfer between obligate leaf nodule symbionts. ISME Journal, 2016, 10, 2092-2105.	4.4	63
67	Isolation and Total Synthesis of Kirkamide, an Aminocyclitol from an Obligate Leaf Nodule Symbiont. Angewandte Chemie - International Edition, 2015, 54, 7968-7970.	7.2	44
68	Isolation and Total Synthesis of Kirkamide, an Aminocyclitol from an Obligate Leaf Nodule Symbiont. Angewandte Chemie, 2015, 127, 8079-8081.	1.6	10
69	Microbial Biofilms and Quorum Sensing. , 2015, , 45-52.		4
70	Quorum sensing triggers the stochastic escape of individual cells from Pseudomonas putida biofilms. Nature Communications, 2015, 6, 5945.	5.8	842
71	Integrated wholeâ€genome screening for <scp>P</scp>seudomonas aeruginosa virulence genes using multiple disease models reveals that pathogenicity is host specific. Environmental Microbiology, 2015, 17, 4379-4393.	1.8	56
72	Multicellularity in Bacteria: From Division of Labor to Biofilm Formation. Advances in Marine Genomics, 2015, , 79-95.	1.2	20

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73	Ïƒ ⁵⁴ -Dependent Response to Nitrogen Limitation and Virulence in Burkholderia cenocepacia Strain H111. Applied and Environmental Microbiology, 2015, 81, 4077-4089.	1.4	44
74	Oxalotrophy, a widespread trait of plant-associated Burkholderia species, is involved in successful root colonization of lupin and maize by Burkholderia phytofirmans. Frontiers in Microbiology, 2014, 4, 421.	1.5	65
75	Genome Sequence of Burkholderia cenocepacia H111, a Cystic Fibrosis Airway Isolate. Genome Announcements, 2014, 2, .	0.8	39
76	The interâ€kingdom volatile signal indole promotes root development by interfering with auxin signalling. Plant Journal, 2014, 80, 758-771.	2.8	162
77	Genusâ€wide acid tolerance accounts for the biogeographical distribution of soil Burkholderia populations. Environmental Microbiology, 2014, 16, 1503-1512.	1.8	105
78	A novel siderophoreâ€independent strategy of iron uptake in the genus <scp>B</scp>urkholderia. Molecular Microbiology, 2014, 91, 805-820.	1.2	46
79	The Third Replicon of Members of the Burkholderia cepacia Complex, Plasmid pC3, Plays a Role in Stress Tolerance. Applied and Environmental Microbiology, 2014, 80, 1340-1348.	1.4	33
80	Regulation of biofilm formation in <scp>P</scp>seudomonas and <scp>B</scp>urkholderia species. Environmental Microbiology, 2014, 16, 1961-1981.	1.8	257
81	The IclR-Family Regulator BapR Controls Biofilm Formation in B. cenocepacia H111. PLoS ONE, 2014, 9, e92920.	1.1	10
82	Proteomics Analysis of Psychotria Leaf Nodule Symbiosis: Improved Genome Annotation and Metabolic Predictions. Molecular Plant-Microbe Interactions, 2013, 26, 1325-1333.	1.4	27
83	Production of Bioactive Volatiles by Different Burkholderia ambifaria Strains. Journal of Chemical Ecology, 2013, 39, 892-906.	0.9	227
84	Intraclonal diversity of the Pseudomonas aeruginosa cystic fibrosis airway isolates TBCF10839 and TBCF121838: distinct signatures of transcriptome, proteome, metabolome, adherence and pathogenicity despite an almost identical genome sequence. Environmental Microbiology, 2013, 15, 191-210.	1.8	66
85	Bioinspired, releasable quorum sensing modulators. Chemical Communications, 2013, 49, 155-157.	2.2	22
86	Fluorescent Labeling Agents for Quorumâ€Sensing Receptors (FLAQS) in Live Cells. Chemistry - A European Journal, 2013, 19, 9766-9770.	1.7	6
87	Two quorum sensing systems control biofilm formation and virulence in members of theBurkholderia cepaciacomplex. Virulence, 2013, 4, 400-409.	1.8	65
88	Role of Burkholderia cenocepacia afcE and afcF genes in determining lipid-metabolism-associated phenotypes. Microbiology (United Kingdom), 2013, 159, 603-614.	0.7	15
89	Identification and characterization of Ï•H111-1. Bacteriophage, 2013, 3, e26649.	1.9	5
90	The unexpected discovery of a novel low-oxygen-activated locus for the anoxic persistence of Burkholderia cenocepacia. ISME Journal, 2013, 7, 1568-1581.	4.4	79

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91	Identification of Burkholderia cenocepacia Strain H111 Virulence Factors Using Nonmammalian Infection Hosts. Infection and Immunity, 2013, 81, 143-153.	1.0	40
92	Bioinspired Surfaces Against Bacterial Infections. Chimia, 2013, 67, 275-278.	0.3	7
93	Response of Burkholderia cenocepacia H111 to Micro-Oxia. PLoS ONE, 2013, 8, e72939.	1.1	46
94	Paraoxonase 2 Acts as a Quorum Sensingâ€“Quenching Factor in Human Keratinocytes. Journal of Investigative Dermatology, 2012, 132, 2296-2299.	0.3	15
95	Who is who in litter decomposition? Metaproteomics reveals major microbial players and their biogeochemical functions. ISME Journal, 2012, 6, 1749-1762.	4.4	537
96	Cis-2-dodecenoic acid receptor RpfR links quorum-sensing signal perception with regulation of virulence through cyclic dimeric guanosine monophosphate turnover. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15479-15484.	3.3	145
97	The AHL- and BDSF-Dependent Quorum Sensing Systems Control Specific and Overlapping Sets of Genes in Burkholderia cenocepacia H111. PLoS ONE, 2012, 7, e49966.	1.1	70
98	The genetic basis of cadmium resistance of <scp>B</scp>urkholderia cenocepacia. Environmental Microbiology Reports, 2012, 4, 562-568.	1.0	17
99	Ajoene, a Sulfur-Rich Molecule from Garlic, Inhibits Genes Controlled by Quorum Sensing. Antimicrobial Agents and Chemotherapy, 2012, 56, 2314-2325.	1.4	383
100	Identification of Proteins Associated with the Pseudomonas aeruginosa Biofilm Extracellular Matrix. Journal of Proteome Research, 2012, 11, 4906-4915.	1.8	198
101	Essential genes as antimicrobial targets and cornerstones of synthetic biology. Trends in Biotechnology, 2012, 30, 601-607.	4.9	92
102	Dynamics of AHL mediated quorum sensing under flow and non-flow conditions. Physical Biology, 2012, 9, 026007.	0.8	36
103	High Confidence Prediction of Essential Genes in Burkholderia Cenocepacia. PLoS ONE, 2012, 7, e40064.	1.1	60
104	Different protein expression profiles in cheese and clinical isolates of Enterococcus faecalis revealed by proteomic analysis. Proteomics, 2012, 12, 431-447.	1.3	27
105	Identification of functions linking quorum sensing with biofilm formation in Burkholderia cenocepacia H111. MicrobiologyOpen, 2012, 1, 225-242.	1.2	53
106	Inhibition of Lipopolysaccharide Transport to the Outer Membrane in Pseudomonas aeruginosa by Peptidomimetic Antibiotics. ChemBioChem, 2012, 13, 1767-1775.	1.3	92
107	Exposing the third chromosome of Burkholderia cepacia complex strains as a virulence plasmid. Molecular Microbiology, 2012, 83, 362-378.	1.2	90
108	Soil metaproteomics â€“ Comparative evaluation of protein extraction protocols. Soil Biology and Biochemistry, 2012, 54, 14-24.	4.2	178

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109	The eroded genome of a Psychotria leaf symbiont: hypotheses about lifestyle and interactions with its plant host. Environmental Microbiology, 2012, 14, 2757-2769.	1.8	60
110	Cystic Fibrosis-Niche Adaptation of Pseudomonas aeruginosa Reduces Virulence in Multiple Infection Hosts. PLoS ONE, 2012, 7, e35648.	1.1	103
111	Production of plant growth modulating volatiles is widespread among rhizosphere bacteria and strongly depends on culture conditions. Environmental Microbiology, 2011, 13, 3047-3058.	1.8	343
112	Essence of life: essential genes of minimal genomes. Trends in Cell Biology, 2011, 21, 562-568.	3.6	167
113	Analysis of the endophytic lifestyle and plant growth promotion of Burkholderia terricola ZR2-12. Plant and Soil, 2011, 347, 125-136.	1.8	32
114	Structure and function of the symbiosis partners of the lung lichen (Lobaria pulmonariaL.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.3	165
115	Mining quorum sensing regulated proteins â€“ Role of bacterial cellâ€toâ€cell communication in global gene regulation as assessed by proteomics. Proteomics, 2011, 11, 3070-3085.	1.3	21
116	Volatile-Mediated Killing of Arabidopsis thaliana by Bacteria Is Mainly Due to Hydrogen Cyanide. Applied and Environmental Microbiology, 2011, 77, 1000-1008.	1.4	148
117	Burkholderia Species Are Major Inhabitants of White Lupin Cluster Roots. Applied and Environmental Microbiology, 2011, 77, 7715-7720.	1.4	66
118	The Burkholderia cenocepacia LysR-Type Transcriptional Regulator ShvR Influences Expression of Quorum-Sensing, Protease, Type II Secretion, and afc Genes. Journal of Bacteriology, 2011, 193, 163-176.	1.0	43
119	A gelâ€free quantitative proteomics approach to investigate temperature adaptation of the foodâ€borne pathogen Cronobacter turicensis 3032. Proteomics, 2010, 10, 3248-3261.	1.3	24
120	Proteome analysis of fungal and bacterial involvement in leaf litter decomposition. Proteomics, 2010, 10, 1819-1830.	1.3	83
121	A proteomics approach to study synergistic and antagonistic interactions of the fungalâ€“bacterial consortiumFusarium oxysporumwildâ€type MSA 35. Proteomics, 2010, 10, 3292-3320.	1.3	17
122	Structural and Functional Characterization of Diffusible Signal Factor Family Quorum-Sensing Signals Produced by Members of the Burkholderia cepacia Complex. Applied and Environmental Microbiology, 2010, 76, 4675-4683.	1.4	110
123	Construction of Self-Transmissible Green Fluorescent Protein-Based Biosensor Plasmids and Their Use for Identification ofN-Acyl Homoserine-Producing Bacteria in Lake Sediments. Applied and Environmental Microbiology, 2010, 76, 6119-6127.	1.4	16
124	The Burkholderia cenocepacia K56-2 pleiotropic regulator Pbr, is required for stress resistance and virulence. Microbial Pathogenesis, 2010, 48, 168-177.	1.3	12
125	Peptidomimetic Antibiotics Target Outer-Membrane Biogenesis in Pseudomonas aeruginosa. Science, 2010, 327, 1010-1013.	6.0	495
126	Genes Involved in Cronobacter sakazakii Biofilm Formation. Applied and Environmental Microbiology, 2010, 76, 2251-2261.	1.4	96

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127	Differential Modulation ofBurkholderia cenocepaciaVirulence and Energy Metabolism by the Quorum-Sensing Signal BDSF and Its Synthase. Journal of Bacteriology, 2009, 191, 7270-7278.	1.0	53
128	LasI/R and RhlI/R Quorum Sensing in a Strain ofPseudomonas aeruginosaBeneficial to Plants. Applied and Environmental Microbiology, 2009, 75, 5131-5140.	1.4	77
129	A Burkholderia cenocepacia Orphan LuxR Homolog Is Involved in Quorum-Sensing Regulation. Journal of Bacteriology, 2009, 191, 2447-2460.	1.0	58
130	Identification of Specific and Universal Virulence Factors in Burkholderia cenocepacia Strains by Using Multiple Infection Hosts. Infection and Immunity, 2009, 77, 4102-4110.	1.0	102
131	First evidence of a membraneâ€bound, tyramine and Î²â€phenylethylamine producing, tyrosine decarboxylase in Enterococcus faecalis: A twoâ€dimensional electrophoresis proteomic study. Proteomics, 2009, 9, 2695-2710.	1.3	57
132	Quantitative detection of changes in the leafâ€mesophyll tonoplast proteome in dependency of a cadmium exposure of barley (Hordeum vulgare L.) plants. Proteomics, 2009, 9, 2668-2677.	1.3	73
133	Proteomic profiling of Cronobacter turicensis 3032, a foodâ€borne opportunistic pathogen. Proteomics, 2009, 9, 3564-3579.	1.3	15
134	Multiple roles of Pseudomonas aeruginosa TBCF10839 PilY1 in motility, transport and infection. Molecular Microbiology, 2009, 71, 730-747.	1.2	50
135	Quorum-sensing effects in the antagonistic rhizosphere bacterium Serratia plymuthica HRO-C48. FEMS Microbiology Ecology, 2009, 67, 468-478.	1.3	126
136	16S rRNA geneâ€based phylogenetic microarray for simultaneous identification of members of the genus Burkholderia. Environmental Microbiology, 2009, 11, 779-800.	1.8	22
137	Production of the antifungal compound pyrrolnitrin is quorum sensingâ€regulated in members of the Burkholderia cepacia complex. Environmental Microbiology, 2009, 11, 1422-1437.	1.8	106
138	Evidence for a plant-associated natural habitat for Cronobacter spp.. Research in Microbiology, 2009, 160, 608-614.	1.0	115
139	Effects of bacterial N-acyl homoserine lactones on human Jurkat T lymphocytes-OdDHL induces apoptosis via the mitochondrial pathway. International Journal of Medical Microbiology, 2009, 299, 509-519.	1.5	43
140	Detection of quorum-sensing-related molecules in Vibrio scophthalmi. BMC Microbiology, 2008, 8, 138.	1.3	21
141	Burkholderia cenocepacia J2315 acyl carrier protein: A potential target for antimicrobials' development?. Microbial Pathogenesis, 2008, 45, 331-336.	1.3	25
142	PhyloDetect: a likelihood-based strategy for detecting microorganisms with diagnostic microarrays. Bioinformatics, 2008, 24, i83-i89.	1.8	16
143	Synergistic Contribution of theLegionella pneumophila lqsGenes to Pathogen-Host Interactions. Journal of Bacteriology, 2008, 190, 7532-7547.	1.0	66
144	A Marine Mesorhizobium sp. Produces Structurally Novel Long-Chain N -Acyl- l -Homoserine Lactones. Applied and Environmental Microbiology, 2007, 73, 3587-3594.	1.4	42

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145	Burkholderia bryophila sp. nov. and Burkholderia megapolitana sp. nov., moss-associated species with antifungal and plant-growth-promoting properties. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2228-2235.	0.8	87
146	The Burkholderia cepacia bceA gene encodes a protein with phosphomannose isomerase and GDP-d-mannose pyrophosphorylase activities. Biochemical and Biophysical Research Communications, 2007, 353, 200-206.	1.0	27
147	Communication systems in the genus Burkholderia: global regulators and targets for novel antipathogenic drugs. Future Microbiology, 2007, 2, 555-563.	1.0	52
148	Microbial landscapes: new paths to biofilm research. Nature Reviews Microbiology, 2007, 5, 76-81.	13.6	288
149	High specificity but contrasting biodiversity of Sphagnum-associated bacterial and plant communities in bog ecosystems independent of the geographical region. ISME Journal, 2007, 1, 502-516.	4.4	92
150	Investigations of the structure and function of bacterial communities associated with Sphagnum mosses. Environmental Microbiology, 2007, 9, 2795-2809.	1.8	116
151	Virulence of Burkholderia cepacia complex strains in gp91phoxâ^'/â^' mice. Cellular Microbiology, 2007, 9, 2817-2825.	1.1	65
152	Quorum-sensing signaling is required for production of the antibiotic pyrrolnitrin in a rhizospheric biocontrol strain ofSerratia plymuthica. FEMS Microbiology Letters, 2007, 270, 299-305.	0.7	102
153	Identification of bacterial N-acylhomoserine lactones (AHLs) with a combination of ultra-performance liquid chromatography (UPLC), ultra-high-resolution mass spectrometry, and in-situ biosensors. Analytical and Bioanalytical Chemistry, 2007, 387, 455-467.	1.9	83
154	Identification of Burkholderia pseudomallei Genes Required for the Intracellular Life Cycle and In Vivo Virulence. Infection and Immunity, 2006, 74, 3576-3586.	1.0	185
155	A Quorum-Quenching Approach To Investigate the Conservation of Quorum-Sensing-Regulated Functions within the Burkholderia cepacia Complex. Applied and Environmental Microbiology, 2006, 72, 1579-1587.	1.4	68
156	Quorum sensing in the genus Burkholderia. International Journal of Medical Microbiology, 2006, 296, 103-110.	1.5	100
157	Towards the proteome ofBurkholderia cenocepaciaâ€...H111: Setting up a 2-DE reference map. Proteomics, 2006, 6, 207-216.	1.3	95
158	Control of exoenzyme production, motility and cell differentiation in Serratia liquefaciens. FEMS Microbiology Letters, 2006, 148, 115-122.	0.7	68
159	Use of green fluorescent protein as a marker for ecological studies of activated sludge communities. FEMS Microbiology Letters, 2006, 149, 77-83.	0.7	89
160	In situ quantitation of the spatial scale of calling distances and population density-independent N-acylhomoserine lactone-mediated communication by rhizobacteria colonized on plant roots. FEMS Microbiology Ecology, 2006, 56, 188-194.	1.3	168
161	Induction of systemic resistance in tomato by N-acyl-L-homoserine lactone-producing rhizosphere bacteria. Plant, Cell and Environment, 2006, 29, 909-918.	2.8	420
162	From a Local Dialect to a Common Language. Chemistry and Biology, 2006, 13, 803-804.	6.2	2

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