

# Leo Eberl

## List of Publications by Year in descending order

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228  
papers

25,882  
citations

5782

84  
h-index

8878

150  
g-index

334  
all docs

334  
docs citations

334  
times ranked

24148  
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 <i>B. cenocepacia</i> H111. International Journal of Molecular Sciences, 2022, 23, 4560.	1.8	1
3	The role of peptidoglycan hydrolases in the formation and toxicity of <i>Pseudomonas aeruginosa</i> membrane 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 <i>Pseudomonas chlororaphis</i> PCL1606. 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 <i>Burkholderia cenocepacia</i> 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 <i>Pseudomonas aeruginosa</i> with Potential as an Antivirulence Target. MBio, 2021, 12, .	1.8	7
8	Understanding plant-microorganism interactions to envision a future of sustainable agriculture. Environmental Microbiology, 2021, 23, 1809-1811.	1.8	2
9	Investigation of <i>Burkholderia cepacia</i> Complex Methylomes via Single-Molecule, Real-Time Sequencing and Mutant Analysis. Journal of Bacteriology, 2021, 203, e0068320.	1.0	4
10	Differential Expression of <i>Paraburkholderia phyatum</i> 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 <i>Paraburkholderia phyatum</i> 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 <i>Burkholderia cenocepacia</i> H111 by transposon sequencing. Environmental Microbiology, 2021, , .	1.8	2
14	Mitigation of <i>Pseudomonas syringae</i> virulence by signal inactivation. Science Advances, 2021, 7, eabg2293.	4.7	8
15	Leaf nodule endosymbiotic <i>Burkholderia</i> confer targeted allelopathy to their <i>Psychotria</i> hosts. Scientific Reports, 2021, 11, 22465.	1.6	4
16	Biological role of EPS from <i>Pseudomonas syringae</i> pv. <i>syringae</i> 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 <i>Pseudomonas</i> 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 "Phaseolus vulgaris Symbiosis. <i>Frontiers in Microbiology</i> , 2020, 11, 1600.	1.5	13
20	Identification of Genes Required for Resistance to Peptidomimetic Antibiotics by Transposon Sequencing. <i>Frontiers in Microbiology</i> , 2020, 11, 1681.	1.5	8
21	Paraburkholderia phymatum STM815 f54 Controls Utilization of Dicarboxylates, Motility, and T6SS-b Expression. <i>Nitrogen</i> , 2020, 1, 81-98.	0.6	3
22	Mapping of the Denitrification Pathway in Burkholderia thailandensis by Genome-Wide Mutant Profiling. <i>Journal of Bacteriology</i> , 2020, 202, .	1.0	10
23	The effect of flow on swimming bacteria controls the initial colonization of curved surfaces. <i>Nature Communications</i> , 2020, 11, 2851.	5.8	66
24	Copper resistance genes of <i>Burkholderia cenocepacia</i> H111 identified by transposon sequencing. <i>Environmental Microbiology Reports</i> , 2020, 12, 241-249.	1.0	12
25	Biosynthesis and Structure-Activity Relationship Investigations of the Diazoniumdiolate Antifungal Agent Fragin. <i>ChemBioChem</i> , 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. <i>MSphere</i> , 2020, 5, .	1.3	13
28	Burkholderia cenocepacia utilizes a type VI secretion system for bacterial competition. <i>MicrobiologyOpen</i> , 2019, 8, e774.	1.2	36
29	An Integrated Systems Approach Unveils New Aspects of Microoxia-Mediated Regulation in Bradyrhizobium diazoefficiens. <i>Frontiers in Microbiology</i> , 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. <i>Frontiers in Microbiology</i> , 2019, 10, 396.	1.5	35
31	Bacterial Adhesion on Soft Materials: Passive Physicochemical Interactions or Active Bacterial Mechanosensing?. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801323.	3.9	45
32	Genetic architecture constrains exploitation of siderophore cooperation in the bacterium <i>Burkholderia cenocepacia</i> . <i>Evolution Letters</i> , 2019, 3, 610-622.	1.6	17
33	Chimeric peptidomimetic antibiotics against Gram-negative bacteria. <i>Nature</i> , 2019, 576, 452-458.	13.7	231
34	Types and origins of bacterial membrane vesicles. <i>Nature Reviews Microbiology</i> , 2019, 17, 13-24.	13.6	706
35	Antibiotics Stimulate Formation of Vesicles in <i>Staphylococcus aureus</i> in both Phage-Dependent and -Independent Fashions and via Different Routes. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	86
36	Synthesis and Biological Evaluation of the Novel Growth Inhibitor Streptol Glucoside, Isolated from an Obligate Plant Symbiont. <i>Chemistry - A European Journal</i> , 2019, 25, 1722-1726.	1.7	13

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37	Biosynthesis of fragin is controlled by a novel quorum sensing signal. <i>Nature Communications</i> , 2018, 9, 1297.	5.8	91
38	Leaf nodule symbiosis: function and transmission of obligate bacterial endophytes. <i>Current Opinion in Plant Biology</i> , 2018, 44, 23-31.	3.5	46
39	Heterologous Expression, Biosynthetic Studies, and Ecological Function of the Selective Gqâ€œSignaling Inhibitor FR900359. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 836-840.	7.2	57
40	Heterologe Expression, Biosynthese und Ækologische Funktion des selektiven Gqâ€œSignaltransduktionsinhibitors FR900359. <i>Angewandte Chemie</i> , 2018, 130, 844-849.	1.6	5
41	Identification of AHL- and BDSF-Controlled Proteins in <i>Burkholderia cenocepacia</i> by Proteomics. <i>Methods in Molecular Biology</i> , 2018, 1673, 193-202.	0.4	2
42	Thanatin targets the intermembrane protein complex required for lipopolysaccharide transport in <i>Escherichia coli</i> . <i>Science Advances</i> , 2018, 4, eaau2634.	4.7	109
43	The <i>afc</i> antifungal activity cluster, which is under tight regulatory control of ShvR, is essential for transition from intracellular persistence of <i>Burkholderia cenocepacia</i> to acute pro-inflammatory infection. <i>PLoS Pathogens</i> , 2018, 14, e1007473.	2.1	13
44	Involvement of Burkholderiaceae and sulfurous volatiles in disease-suppressive soils. <i>ISME Journal</i> , 2018, 12, 2307-2321.	4.4	131
45	Key Players and Individualists of Cyclic-di-GMP Signaling in <i>Burkholderia cenocepacia</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 3286.	1.5	21
46	Membrane vesicle-mediated bacterial communication. <i>ISME Journal</i> , 2017, 11, 1504-1509.	4.4	131
47	Use of Synthetic Hybrid Strains To Determine the Role of Replicon 3 in Virulence of the <i>Burkholderia cenocepacia</i> Complex. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	9
48	Regulation of <i>Burkholderia cenocepacia</i> biofilm formation by RpoN and the c-di-GMP effector BerB. <i>MicrobiologyOpen</i> , 2017, 6, e00480.	1.2	26
49	Draft genome and description of <i>Orrella dioscoreae</i> gen. nov. sp. nov., a new species of <i>Alcaligenaceae</i> isolated from leaf acumens of <i>Dioscorea sansibarensis</i> . <i>Systematic and Applied Microbiology</i> , 2017, 40, 11-21.	1.2	42
50	Draft Genome Sequence of <i>Cronobacter sakazakii</i> GP1999, Sequence Type 145, an Epiphytic Isolate Obtained from the Tomato's Rhizoplane/Rhizosphere Continuum. <i>Genome Announcements</i> , 2017, 5, .	0.8	9
51	The Essential Genome of <i>Burkholderia cenocepacia</i> H111. <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	24
52	Prophage-triggered membrane vesicle formation through peptidoglycan damage in <i>Bacillus subtilis</i> . <i>Nature Communications</i> , 2017, 8, 481.	5.8	224
53	Functional Silver-Silicone-Nanofilament-Composite Material for Water Disinfection. <i>Small</i> , 2017, 13, 1601072.	5.2	13
54	Competition Experiments for Legume Infection Identify <i>Burkholderia phymatum</i> as a Highly Competitive $\beta$ -Rhizobium. <i>Frontiers in Microbiology</i> , 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. <i>Frontiers in Microbiology</i> , 2017, 8, 2473.	1.5	27
56	NtrC-dependent control of exopolysaccharide synthesis and motility in Burkholderia cenocepacia H111. <i>PLoS ONE</i> , 2017, 12, e0180362.	1.1	20
57	High intracellular c-di-GMP levels antagonize quorum sensing and virulence gene expression in Burkholderia cenocepacia H111. <i>Microbiology (United Kingdom)</i> , 2017, 163, 754-764.	0.7	34
58	Members of the genus Burkholderia: good and bad guys. <i>F1000Research</i> , 2016, 5, 1007.	0.8	280
59	The genome analysis of <i>Burkholderia andii</i> reveals that secondary metabolism may be a key function of the <i>Burkholderia crenata</i> leaf nodule symbiosis. <i>Environmental Microbiology</i> , 2016, 18, 2507-2522.	1.8	64
60	The DSF type quorum sensing signalling system RpfF/R regulates diverse phenotypes in the opportunistic pathogen <i>Cronobacter</i> . <i>Scientific Reports</i> , 2016, 6, 18753.	1.6	47
61	Evidence for the widespread production of DSF family signal molecules by members of the genus <i>Burkholderia</i> by the aid of novel biosensors. <i>Environmental Microbiology Reports</i> , 2016, 8, 38-44.	1.0	17
62	The role of siderophores in metal homeostasis of members of the genus <i>Burkholderia</i> . <i>Environmental Microbiology Reports</i> , 2016, 8, 103-109.	1.0	17
63	Explosive cell lysis as a mechanism for the biogenesis of bacterial membrane vesicles and biofilms. <i>Nature Communications</i> , 2016, 7, 11220.	5.8	487
64	Molecular mechanisms underlying the close association between soil <i>Burkholderia</i> and fungi. <i>ISME Journal</i> , 2016, 10, 253-264.	4.4	118
65	A Peptidomimetic Antibiotic Targets Outer Membrane Proteins and Disrupts Selectively the Outer Membrane in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 1921-1932.	1.6	97
66	Evidence of horizontal gene transfer between obligate leaf nodule symbionts. <i>ISME Journal</i> , 2016, 10, 2092-2105.	4.4	63
67	Isolation and Total Synthesis of Kirkamide, an Aminocyclitol from an Obligate Leaf Nodule Symbiont. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7968-7970.	7.2	44
68	Isolation and Total Synthesis of Kirkamide, an Aminocyclitol from an Obligate Leaf Nodule Symbiont. <i>Angewandte Chemie</i> , 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 <i>Pseudomonas putida</i> biofilms. <i>Nature Communications</i> , 2015, 6, 5945.	5.8	842
71	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.	1.8	56
72	Multicellularity in Bacteria: From Division of Labor to Biofilm Formation. <i>Advances in Marine Genomics</i> , 2015, , 79-95.	1.2	20

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73	Īf <sup>54</sup> -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 interkingdom volatile signal indole promotes root development by interfering with auxin signalling. Plant Journal, 2014, 80, 758-771.	2.8	162
77	Genus-wide acid tolerance accounts for the biogeographical distribution of soil Burkholderia populations. Environmental Microbiology, 2014, 16, 1503-1512.	1.8	105
78	A novel siderophore-independent strategy of iron uptake in the genus Burkholderia. 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 Pseudomonas and Burkholderia 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 Quorum 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 the Burkholderia cepacia complex. 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 ĪH111-1. 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 <i>Burkholderia cenocepacia</i> Strain H111 Virulence Factors Using Nonmammalian Infection Hosts. <i>Infection and Immunity</i> , 2013, 81, 143-153.	1.0	40
92	Bioinspired Surfaces Against Bacterial Infections. <i>Chimia</i> , 2013, 67, 275-278.	0.3	7
93	Response of <i>Burkholderia cenocepacia</i> H111 to Micro-Oxia. <i>PLoS ONE</i> , 2013, 8, e72939.	1.1	46
94	Paraoxonase 2 Acts as a Quorum Sensing Quenching Factor in Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2012, 132, 2296-2299.	0.3	15
95	Who is who in litter decomposition? Metaproteomics reveals major microbial players and their biogeochemical functions. <i>ISME Journal</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15479-15484.	3.3	145
97	The AHL- and BDSF-Dependent Quorum Sensing Systems Control Specific and Overlapping Sets of Genes in <i>Burkholderia cenocepacia</i> H111. <i>PLoS ONE</i> , 2012, 7, e49966.	1.1	70
98	The genetic basis of cadmium resistance of <i>Burkholderia cenocepacia</i> . <i>Environmental Microbiology Reports</i> , 2012, 4, 562-568.	1.0	17
99	Ajoene, a Sulfur-Rich Molecule from Garlic, Inhibits Genes Controlled by Quorum Sensing. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2314-2325.	1.4	383
100	Identification of Proteins Associated with the <i>Pseudomonas aeruginosa</i> Biofilm Extracellular Matrix. <i>Journal of Proteome Research</i> , 2012, 11, 4906-4915.	1.8	198
101	Essential genes as antimicrobial targets and cornerstones of synthetic biology. <i>Trends in Biotechnology</i> , 2012, 30, 601-607.	4.9	92
102	Dynamics of AHL mediated quorum sensing under flow and non-flow conditions. <i>Physical Biology</i> , 2012, 9, 026007.	0.8	36
103	High Confidence Prediction of Essential Genes in <i>Burkholderia Cenocepacia</i> . <i>PLoS ONE</i> , 2012, 7, e40064.	1.1	60
104	Different protein expression profiles in cheese and clinical isolates of <i>Enterococcus faecalis</i> revealed by proteomic analysis. <i>Proteomics</i> , 2012, 12, 431-447.	1.3	27
105	Identification of functions linking quorum sensing with biofilm formation in <i>Burkholderia cenocepacia</i> H111. <i>MicrobiologyOpen</i> , 2012, 1, 225-242.	1.2	53
106	Inhibition of Lipopolysaccharide Transport to the Outer Membrane in <i>Pseudomonas aeruginosa</i> by Peptidomimetic Antibiotics. <i>ChemBioChem</i> , 2012, 13, 1767-1775.	1.3	92
107	Exposing the third chromosome of <i>Burkholderia cepacia</i> complex strains as a virulence plasmid. <i>Molecular Microbiology</i> , 2012, 83, 362-378.	1.2	90
108	Soil metaproteomics Comparative evaluation of protein extraction protocols. <i>Soil Biology and Biochemistry</i> , 2012, 54, 14-24.	4.2	178

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



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127	Differential Modulation of <i>Burkholderia cenocepacia</i> Virulence and Energy Metabolism by the Quorum-Sensing Signal BDSF and Its Synthase. <i>Journal of Bacteriology</i> , 2009, 191, 7270-7278.	1.0	53
128	LasI/R and RhlI/R Quorum Sensing in a Strain of <i>Pseudomonas aeruginosa</i> Beneficial to Plants. <i>Applied and Environmental Microbiology</i> , 2009, 75, 5131-5140.	1.4	77
129	A <i>Burkholderia cenocepacia</i> Orphan LuxR Homolog Is Involved in Quorum-Sensing Regulation. <i>Journal of Bacteriology</i> , 2009, 191, 2447-2460.	1.0	58
130	Identification of Specific and Universal Virulence Factors in <i>Burkholderia cenocepacia</i> Strains by Using Multiple Infection Hosts. <i>Infection and Immunity</i> , 2009, 77, 4102-4110.	1.0	102
131	First evidence of a membrane-bound, tyramine and $\beta$ -phenylethylamine producing, tyrosine decarboxylase in <i>Enterococcus faecalis</i> : A two-dimensional electrophoresis proteomic study. <i>Proteomics</i> , 2009, 9, 2695-2710.	1.3	57
132	Quantitative detection of changes in the leaf mesophyll tonoplast proteome in dependency of a cadmium exposure of barley ( <i>Hordeum vulgare</i> L.) plants. <i>Proteomics</i> , 2009, 9, 2668-2677.	1.3	73
133	Proteomic profiling of <i>Cronobacter turicensis</i> 3032, a food-borne opportunistic pathogen. <i>Proteomics</i> , 2009, 9, 3564-3579.	1.3	15
134	Multiple roles of <i>Pseudomonas aeruginosa</i> TBCF10839 PilY1 in motility, transport and infection. <i>Molecular Microbiology</i> , 2009, 71, 730-747.	1.2	50
135	Quorum-sensing effects in the antagonistic rhizosphere bacterium <i>Serratia plymuthica</i> HRO-C48. <i>FEMS Microbiology Ecology</i> , 2009, 67, 468-478.	1.3	126
136	16S rRNA gene-based phylogenetic microarray for simultaneous identification of members of the genus <i>Burkholderia</i> . <i>Environmental Microbiology</i> , 2009, 11, 779-800.	1.8	22
137	Production of the antifungal compound pyrrolnitrin is quorum sensing-regulated in members of the <i>Burkholderia cepacia</i> complex. <i>Environmental Microbiology</i> , 2009, 11, 1422-1437.	1.8	106
138	Evidence for a plant-associated natural habitat for <i>Cronobacter</i> spp.. <i>Research in Microbiology</i> , 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. <i>International Journal of Medical Microbiology</i> , 2009, 299, 509-519.	1.5	43
140	Detection of quorum-sensing-related molecules in <i>Vibrio scopthalmi</i> . <i>BMC Microbiology</i> , 2008, 8, 138.	1.3	21
141	<i>Burkholderia cenocepacia</i> J2315 acyl carrier protein: A potential target for antimicrobials' development?. <i>Microbial Pathogenesis</i> , 2008, 45, 331-336.	1.3	25
142	PhyloDetect: a likelihood-based strategy for detecting microorganisms with diagnostic microarrays. <i>Bioinformatics</i> , 2008, 24, i83-i89.	1.8	16
143	Synergistic Contribution of the <i>Legionella pneumophila</i> lqs Genes to Pathogen-Host Interactions. <i>Journal of Bacteriology</i> , 2008, 190, 7532-7547.	1.0	66
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