

Ute Rmling

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

141
papers

10,670
citations

51
h-index

102
g-index

155
ext. papers

12,148
ext. citations

5.4
avg, IF

6.5
L-index

#	Paper	IF	Citations
141	Comparative Genomics of Cyclic di-GMP Metabolism and Chemosensory Pathways in Shewanella algae Strains: Novel Bacterial Sensory Domains and Functional Insights into Lifestyle Regulation.. <i>MSystems</i> , 2022 , e0151821	7.6	0
140	A mass spectrometry-based non-radioactive differential radial capillary action of ligand assay (DRaCALA) to assess ligand binding to proteins.. <i>Journal of Mass Spectrometry</i> , 2022 , 57, e4822	2.2	0
139	Deciphering Molecular Mechanism Underlying Self-Flocculation of <i>Zymomonas mobilis</i> for Robust Production.. <i>Applied and Environmental Microbiology</i> , 2022 , e0239821	4.8	
138	Patatin-like phospholipase CapV in <i>Escherichia coli</i> - morphological and physiological effects of one amino acid substitution.. <i>Npj Biofilms and Microbiomes</i> , 2022 , 8, 39	8.2	0
137	Yin and Yang of Biofilm Formation and Cyclic di-GMP Signaling of the Gastrointestinal Pathogen <i>Salmonella enterica</i> Serovar Typhimurium. <i>Journal of Innate Immunity</i> , 2021 , 1-18	6.9	2
136	Regulation of colony morphology and biofilm formation in <i>Shewanella</i> algae. <i>Microbial Biotechnology</i> , 2021 , 14, 1183-1200	6.3	2
135	Horizontal Transmission of Stress Resistance Genes Shape the Ecology of Beta- and Gamma-Proteobacteria. <i>Frontiers in Microbiology</i> , 2021 , 12, 696522	5.7	4
134	A recently isolated human commensal <i>Escherichia coli</i> ST10 clone member mediates enhanced thermotolerance and tetrathionate respiration on a P1 phage-derived IncY plasmid. <i>Molecular Microbiology</i> , 2021 , 115, 255-271	4.1	7
133	Basic mechanism of the autonomous ClpG disaggregase. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100460	4.9	1
132	Reduction of alternative electron acceptors drives biofilm formation in <i>Shewanella</i> algae. <i>Npj Biofilms and Microbiomes</i> , 2021 , 7, 9	8.2	5
131	Complete Genome Sequence and Methylome of the Type Strain of <i>Shewanella</i> algae. <i>Microbiology Resource Announcements</i> , 2021 , 10, e0055921	1.3	2
130	Draft Genome Sequence of the Urinary Catheter Isolate CEB04 with High Biofilm Forming Capacity. <i>Microorganisms</i> , 2020 , 8,	4.9	2
129	Cyclic di-GMP Signaling in <i>Salmonella enterica</i> serovar Typhimurium 2020 , 395-425		2
128	2-Methylcitrate cycle: a well-regulated controller of <i>Bacillus</i> sporulation. <i>Environmental Microbiology</i> , 2020 , 22, 1125-1140	5.2	6
127	Why? - Successful <i>Pseudomonas aeruginosa</i> clones with a focus on clone C. <i>FEMS Microbiology Reviews</i> , 2020 , 44, 740-762	15.1	8
126	A Cyclic di-GMP Network Is Present in Gram-Positive and Gram-Negative Species. <i>ACS Infectious Diseases</i> , 2020 , 6, 2672-2687	5.5	4
125	DncV Synthesizes Cyclic GMP-AMP and Regulates Biofilm Formation and Motility in ECOR31. <i>MBio</i> , 2019 , 10,	7.8	9

124	A unique methylation pattern by a type I HsdM methyltransferase prepares for DpnI rare cutting sites in the <i>Pseudomonas aeruginosa</i> PAO1 genome. <i>FEMS Microbiology Letters</i> , 2019 , 366,	2.9	2
123	Impact of manganese on biofilm formation and cell morphology of <i>Candida parapsilosis</i> clinical isolates with different biofilm forming abilities. <i>FEMS Yeast Research</i> , 2019 , 19,	3.1	4
122	Two FtsH Proteases Contribute to Fitness and Adaptation of Clone C Strains. <i>Frontiers in Microbiology</i> , 2019 , 10, 1372	5.7	12
121	High frequency of double crossover recombination facilitates genome engineering in <i>Pseudomonas aeruginosa</i> PA14 and clone C strains. <i>Microbiology (United Kingdom)</i> , 2019 , 165, 757-760	2.9	1
120	ClpG Provides Increased Heat Resistance by Acting as Superior Disaggregase. <i>Biomolecules</i> , 2019 , 9,	5.9	10
119	Multilocus sequence typing of <i>Shewanella</i> algae isolates identifies disease-causing <i>Shewanella chilikensis</i> strain 614. <i>FEMS Microbiology Ecology</i> , 2019 , 95,	4.3	11
118	Stand-alone ClpG disaggregase confers superior heat tolerance to bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E273-E282	11.5	25
117	"It's a gut feeling" - <i>Escherichia coli</i> biofilm formation in the gastrointestinal tract environment. <i>Critical Reviews in Microbiology</i> , 2018 , 44, 1-30	7.8	51
116	Structural and Functional Characterization of the BcsG Subunit of the Cellulose Synthase in <i>Salmonella typhimurium</i> . <i>Journal of Molecular Biology</i> , 2018 , 430, 3170-3189	6.5	19
115	JAGN1 is required for fungal killing in neutrophil extracellular traps: Implications for severe congenital neutropenia. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 1199-1213	6.5	13
114	Analysis of Cyclic di-GMP Cyclase and Phosphodiesterase Activity in Using a Vc2 Riboswitch-based Assay. <i>Bio-protocol</i> , 2018 , 8, e2753	0.9	1
113	The cellulose synthase BcsA plays a role in interactions of <i>Salmonella typhimurium</i> with <i>Acanthamoeba castellanii</i> genotype T4. <i>Parasitology Research</i> , 2018 , 117, 2283-2289	2.4	4
112	Detailed analysis of c-di-GMP mediated regulation of <i>csgD</i> expression in <i>Salmonella typhimurium</i> . <i>BMC Microbiology</i> , 2017 , 17, 27	4.5	21
111	Draft Genome Sequences of Semiconstitutive Red, Dry, and Rough Biofilm-Forming Commensal and Uropathogenic <i>Escherichia coli</i> Isolates. <i>Genome Announcements</i> , 2017 , 5,		4
110	Progress in Understanding the Molecular Basis Underlying Functional Diversification of Cyclic Dinucleotide Turnover Proteins. <i>Journal of Bacteriology</i> , 2017 , 199,	3.5	33
109	Gre factors-mediated control of <i>hilD</i> transcription is essential for the invasion of epithelial cells by <i>Salmonella enterica</i> serovar Typhimurium. <i>PLoS Pathogens</i> , 2017 , 13, e1006312	7.6	16
108	Discovery of the Second Messenger Cyclic di-GMP. <i>Methods in Molecular Biology</i> , 2017 , 1657, 1-8	1.4	22
107	Alterations of c-di-GMP turnover proteins modulate semi-constitutive <i>rdar</i> biofilm formation in commensal and uropathogenic <i>Escherichia coli</i> . <i>MicrobiologyOpen</i> , 2017 , 6, e00508	3.4	16

106	Ancient permafrost staphylococci carry antibiotic resistance genes. <i>Microbial Ecology in Health and Disease</i> , 2017 , 28, 1345574		11
105	Stand-Alone EAL Domain Proteins Form a Distinct Subclass of EAL Proteins Involved in Regulation of Cell Motility and Biofilm Formation in Enterobacteria. <i>Journal of Bacteriology</i> , 2017 , 199,	3.5	19
104	Nucleotide Second Messenger Signaling as a Target for the Control of Bacterial Biofilm Formation. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 1928-1944	3	13
103	spp. infections in Gran Canaria, Spain: retrospective analysis of 31 cases and a literature review. <i>JMM Case Reports</i> , 2017 , 4, e005131	0.5	20
102	Nucleotide Second Messenger Signaling as a Target for the Control of Bacterial Biofilm Formation. <i>Current Topics in Medicinal Chemistry</i> , 2017 ,	3	5
101	BcsZ inhibits biofilm phenotypes and promotes virulence by blocking cellulose production in <i>Salmonella enterica</i> serovar Typhimurium. <i>Microbial Cell Factories</i> , 2016 , 15, 177	6.4	33
100	Protein homeostasis-more than resisting a hot bath. <i>Current Opinion in Microbiology</i> , 2016 , 30, 147-154	7.9	22
99	Bacterial cellulose biosynthesis: diversity of operons, subunits, products, and functions. <i>Trends in Microbiology</i> , 2015 , 23, 545-57	12.4	275
98	A novel protein quality control mechanism contributes to heat shock resistance of worldwide-distributed <i>Pseudomonas aeruginosa</i> clone C strains. <i>Environmental Microbiology</i> , 2015 , 17, 4511-26	5.2	27
97	Small molecules with big effects: Cyclic di-GMP-mediated stimulation of cellulose production by the amino acid L-arginine. <i>Science Signaling</i> , 2015 , 8, fs12	8.8	7
96	Dissecting the cyclic di-guanylate monophosphate signalling network regulating motility in <i>Salmonella enterica</i> serovar Typhimurium. <i>Environmental Microbiology</i> , 2015 , 17, 1310-20	5.2	19
95	Biofilm formation by enteric pathogens and its role in plant colonization and persistence. <i>Microbial Biotechnology</i> , 2014 , 7, 496-516	6.3	143
94	GIL, a new c-di-GMP-binding protein domain involved in regulation of cellulose synthesis in enterobacteria. <i>Molecular Microbiology</i> , 2014 , 93, 439-52	4.1	90
93	Draft Genome Sequence of <i>Pseudomonas aeruginosa</i> SG17M, an Environmental Isolate Belonging to Clone C, Prevalent in Patients and Aquatic Habitats. <i>Genome Announcements</i> , 2014 , 2,		5
92	Hierarchical Control of rdar Morphotype Development of <i>Salmonella enterica</i> by Cyclic Di-GMP 2014 , 137-155		
91	Modulation of biofilm-formation in <i>Salmonella enterica</i> serovar Typhimurium by the periplasmic DsbA/DsbB oxidoreductase system requires the GGDEF-EAL domain protein STM3615. <i>PLoS ONE</i> , 2014 , 9, e106095	3.7	26
90	Regulation of biofilm formation in <i>Salmonella enterica</i> serovar Typhimurium. <i>Future Microbiology</i> , 2014 , 9, 1261-82	2.9	55
89	Finally! The structural secrets of a HD-GYP phosphodiesterase revealed. <i>Molecular Microbiology</i> , 2014 , 91, 1-5	4.1	5

88	Characterization of biofilm formation and the role of BCR1 in clinical isolates of <i>Candida parapsilosis</i> . <i>Eukaryotic Cell</i> , 2014 , 13, 438-51		29
87	Tailoring the effect of antibacterial polyelectrolyte multilayers by choice of cellulosic fiber substrate. <i>Holzforschung</i> , 2013 , 67, 573-578	2	4
86	Control of pathogen growth and biofilm formation using a urinary catheter that releases antimicrobial nitrogen oxides. <i>Free Radical Biology and Medicine</i> , 2013 , 65, 1257-1264	7.8	24
85	The EAL-like protein STM1697 regulates virulence phenotypes, motility and biofilm formation in <i>Salmonella typhimurium</i> . <i>Molecular Microbiology</i> , 2013 , 90, 1216-32	4.1	29
84	Cyclic di-GMP: the first 25 years of a universal bacterial second messenger. <i>Microbiology and Molecular Biology Reviews</i> , 2013 , 77, 1-52	13.2	1073
83	Microbiology: bacterial communities as capitalist economies. <i>Nature</i> , 2013 , 497, 321-2	50.4	11
82	Prevalence of biofilm formation in clinical isolates of <i>Candida</i> species causing bloodstream infection. <i>Mycoses</i> , 2013 , 56, 264-72	5.2	68
81	Cyclic di-GMP, an established secondary messenger still speeding up. <i>Environmental Microbiology</i> , 2012 , 14, 1817-29	5.2	72
80	Biointeractive antibacterial fibres using polyelectrolyte multilayer modification. <i>Cellulose</i> , 2012 , 19, 1731-1741	126	
79	Pyrosequencing of a hypervariable region in the internal transcribed spacer 2 to identify clinical yeast isolates. <i>Mycoses</i> , 2012 , 55, 172-80	5.2	4
78	Hfq and Hfq-dependent small RNAs are major contributors to multicellular development in <i>Salmonella enterica</i> serovar Typhimurium. <i>RNA Biology</i> , 2012 , 9, 489-502	4.8	78
77	Virulence characteristics of translocating <i>Escherichia coli</i> and the interleukin-8 response to infection. <i>Microbial Pathogenesis</i> , 2011 , 50, 81-6	3.8	2
76	Complex c-di-GMP signaling networks mediate transition between virulence properties and biofilm formation in <i>Salmonella enterica</i> serovar Typhimurium. <i>PLoS ONE</i> , 2011 , 6, e28351	3.7	66
75	Regulation of biofilm components in <i>Salmonella enterica</i> serovar Typhimurium by lytic transglycosylases involved in cell wall turnover. <i>Journal of Bacteriology</i> , 2011 , 193, 6443-51	3.5	32
74	Opposing contributions of polynucleotide phosphorylase and the membrane protein Nlpl to biofilm formation by <i>Salmonella enterica</i> serovar Typhimurium. <i>Journal of Bacteriology</i> , 2011 , 193, 580-2	3.5	12
73	Unphosphorylated CsgD controls biofilm formation in <i>Salmonella enterica</i> serovar Typhimurium. <i>Molecular Microbiology</i> , 2010 , 77, 771-86	4.1	77
72	Two antisense RNAs target the transcriptional regulator CsgD to inhibit curli synthesis. <i>EMBO Journal</i> , 2010 , 29, 1840-50	13	137
71	A 96-well-plate-based optical method for the quantitative and qualitative evaluation of <i>Pseudomonas aeruginosa</i> biofilm formation and its application to susceptibility testing. <i>Nature Protocols</i> , 2010 , 5, 1460-9	18.8	90

70	Cyclic di-GMP signalling controls virulence properties of <i>Salmonella enterica</i> serovar Typhimurium at the mucosal lining. <i>Environmental Microbiology</i> , 2010 , 12, 40-53	5.2	50
69	Complex regulatory network encompassing the Csr, c-di-GMP and motility systems of <i>Salmonella</i> Typhimurium. <i>Environmental Microbiology</i> , 2010 , 12, 524-40	5.2	84
68	Uropathogenic <i>Escherichia coli</i> modulates immune responses and its curli fimbriae interact with the antimicrobial peptide LL-37. <i>PLoS Pathogens</i> , 2010 , 6, e1001010	7.6	167
67	Bistable expression of CsgD in biofilm development of <i>Salmonella enterica</i> serovar typhimurium. <i>Journal of Bacteriology</i> , 2010 , 192, 456-66	3.5	101
66	Characteristics of biofilms from urinary tract catheters and presence of biofilm-related components in <i>Escherichia coli</i> . <i>Current Microbiology</i> , 2010 , 60, 446-53	2.4	33
65	A role for the EAL-like protein STM1344 in regulation of CsgD expression and motility in <i>Salmonella enterica</i> serovar Typhimurium. <i>Journal of Bacteriology</i> , 2009 , 191, 3928-37	3.5	45
64	Rationalizing the evolution of EAL domain-based cyclic di-GMP-specific phosphodiesterases. <i>Journal of Bacteriology</i> , 2009 , 191, 4697-700	3.5	19
63	Prevailing concepts of c-di-GMP signaling. <i>Contributions To Microbiology</i> , 2009 , 16, 161-181		55
62	Cyclic Di-GMP (c-Di-GMP) goes into host cells--c-Di-GMP signaling in the obligate intracellular pathogen <i>Anaplasma phagocytophilum</i> . <i>Journal of Bacteriology</i> , 2009 , 191, 683-6	3.5	14
61	A study of the antigenicity of <i>Rickettsia helvetica</i> proteins using two-dimensional gel electrophoresis. <i>Apmis</i> , 2009 , 117, 253-62	3.4	18
60	Characterization of cellulose production in <i>Escherichia coli</i> Nissle 1917 and its biological consequences. <i>Environmental Microbiology</i> , 2009 , 11, 1105-16	5.2	66
59	Quantitative determination of cyclic diguanosine monophosphate concentrations in nucleotide extracts of bacteria by matrix-assisted laser desorption/ionization-time-of-flight mass spectrometry. <i>Analytical Biochemistry</i> , 2009 , 386, 53-8	3.1	62
58	Regulation of c-di-GMP metabolism in biofilms. <i>Future Microbiology</i> , 2009 , 4, 341-58	2.9	47
57	The RNA binding protein CsrA controls cyclic di-GMP metabolism by directly regulating the expression of GGDEF proteins. <i>Molecular Microbiology</i> , 2008 , 70, 236-57	4.1	130
56	Great times for small molecules: c-di-AMP, a second messenger candidate in Bacteria and Archaea. <i>Science Signaling</i> , 2008 , 1, pe39	8.8	130
55	<i>Pseudomonas aeruginosa</i> cupA-encoded fimbriae expression is regulated by a GGDEF and EAL domain-dependent modulation of the intracellular level of cyclic diguanylate. <i>Environmental Microbiology</i> , 2007 , 9, 2475-85	5.2	95
54	Effect of triclosan on <i>Salmonella typhimurium</i> at different growth stages and in biofilms. <i>FEMS Microbiology Letters</i> , 2007 , 267, 200-6	2.9	79
53	The role of c-di-GMP signaling in an <i>Aeromonas veronii</i> biovar <i>sobria</i> strain. <i>FEMS Microbiology Letters</i> , 2007 , 273, 172-9	2.9	18

52	Roles of curli, cellulose and BapA in Salmonella biofilm morphology studied by atomic force microscopy. <i>BMC Microbiology</i> , 2007 , 7, 70	4.5	115
51	Role of EAL-containing proteins in multicellular behavior of Salmonella enterica serovar Typhimurium. <i>Journal of Bacteriology</i> , 2007 , 189, 3613-23	3.5	85
50	Cellulose Biosynthesis in Enterobacteriaceae 2007 , 107-122		4
49	ISPa20 advances the individual evolution of Pseudomonas aeruginosa clone C subclone C13 strains isolated from cystic fibrosis patients by insertional mutagenesis and genomic rearrangements. <i>Archives of Microbiology</i> , 2006 , 185, 245-54	3	15
48	Flagellin in combination with curli fimbriae elicits an immune response in the gastrointestinal epithelial cell line HT-29. <i>Microbes and Infection</i> , 2006 , 8, 2027-33	9.3	13
47	Biofilm formation and the survival of Salmonella Typhimurium on parsley. <i>International Journal of Food Microbiology</i> , 2006 , 109, 229-33	5.8	116
46	The PilZ domain is a receptor for the second messenger c-di-GMP: the PilZ domain protein YcgR controls motility in enterobacteria. <i>Journal of Biological Chemistry</i> , 2006 , 281, 30310-4	5.4	382
45	Cyclic di-GMP as a second messenger. <i>Current Opinion in Microbiology</i> , 2006 , 9, 218-28	7.9	284
44	Regulatory components at the csgD promoter--additional roles for OmpR and integration host factor and role of the 5' untranslated region. <i>FEMS Microbiology Letters</i> , 2006 , 261, 109-17	2.9	20
43	Identification of YhdA as a regulator of the Escherichia coli carbon storage regulation system. <i>FEMS Microbiology Letters</i> , 2006 , 264, 232-7	2.9	18
42	Hierarchical involvement of various GGDEF domain proteins in rdar morphotype development of Salmonella enterica serovar Typhimurium. <i>Molecular Microbiology</i> , 2006 , 60, 602-16	4.1	161
41	Worldwide distribution of Pseudomonas aeruginosa clone C strains in the aquatic environment and cystic fibrosis patients. <i>Environmental Microbiology</i> , 2005 , 7, 1029-38	5.2	72
40	C-di-GMP: the dawning of a novel bacterial signalling system. <i>Molecular Microbiology</i> , 2005 , 57, 629-39	4.1	525
39	Proteome analysis reveals adaptation of Pseudomonas aeruginosa to the cystic fibrosis lung environment. <i>Proteomics</i> , 2005 , 5, 3712-21	4.8	45
38	Microcolony formation: a novel biofilm model of Pseudomonas aeruginosa for the cystic fibrosis lung. <i>Journal of Medical Microbiology</i> , 2005 , 54, 667-676	3.2	233
37	Effect of heat, acidification, and chlorination on Salmonella enterica serovar typhimurium cells in a biofilm formed at the air-liquid interface. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 1163-8	4.8	143
36	Phenotypic convergence mediated by GGDEF-domain-containing proteins. <i>Journal of Bacteriology</i> , 2005 , 187, 6816-23	3.5	70
35	Expression of cellulose and curli fimbriae by Escherichia coli isolated from the gastrointestinal tract. <i>Journal of Medical Microbiology</i> , 2005 , 54, 1171-1182	3.2	183

34	GGDEF and EAL domains inversely regulate cyclic di-GMP levels and transition from sessility to motility. <i>Molecular Microbiology</i> , 2004 , 53, 1123-34	4.1	677
33	Characterization of cellulose produced by Salmonella enterica serovar Typhimurium. <i>Cellulose</i> , 2004 , 11, 413-418	5.5	8
32	Production of cellulose and curli fimbriae by members of the family Enterobacteriaceae isolated from the human gastrointestinal tract. <i>Infection and Immunity</i> , 2003 , 71, 4151-8	3.7	282
31	Dissection of the Genetic Pathway Leading to Multicellular Behaviour in Salmonella enterica Serotype Typhimurium and Other Enterobacteriaceae 2003 , 231-261		7
30	Complex regulation of csgD promoter activity by global regulatory proteins. <i>Molecular Microbiology</i> , 2003 , 49, 639-54	4.1	142
29	Impact of large chromosomal inversions on the adaptation and evolution of Pseudomonas aeruginosa chronically colonizing cystic fibrosis lungs. <i>Molecular Microbiology</i> , 2003 , 47, 145-58	4.1	87
28	The csgD promoter, a control unit for biofilm formation in Salmonella typhimurium. <i>Research in Microbiology</i> , 2003 , 154, 659-67	4	170
27	Occurrence and regulation of the multicellular morphotype in Salmonella serovars important in human disease. <i>International Journal of Medical Microbiology</i> , 2003 , 293, 273-85	3.7	127
26	Molecular biology of cellulose production in bacteria. <i>Research in Microbiology</i> , 2002 , 153, 205-12	4	265
25	Oxygen tension and nutrient starvation are major signals that regulate agfD promoter activity and expression of the multicellular morphotype in Salmonella typhimurium. <i>Environmental Microbiology</i> , 2001 , 3, 638-48	5.2	163
24	The multicellular morphotypes of Salmonella typhimurium and Escherichia coli produce cellulose as the second component of the extracellular matrix. <i>Molecular Microbiology</i> , 2001 , 39, 1452-63	4.1	727
23	Genetic and phenotypic analysis of multicellular behavior in Salmonella typhimurium. <i>Methods in Enzymology</i> , 2001 , 336, 48-59	1.7	20
22	AgfD, the checkpoint of multicellular and aggregative behaviour in Salmonella typhimurium regulates at least two independent pathways. <i>Molecular Microbiology</i> , 2000 , 36, 10-23	4.1	336
21	Identification of a gene cluster, czr, involved in cadmium and zinc resistance in Pseudomonas aeruginosa. <i>Gene</i> , 1999 , 238, 417-25	3.8	122
20	Differential genome analysis of bacteria by genomic subtractive hybridization and pulsed field gel electrophoresis. <i>Electrophoresis</i> , 1998 , 19, 509-14	3.6	19
19	Multicellular and aggregative behaviour of Salmonella typhimurium strains is controlled by mutations in the agfD promoter. <i>Molecular Microbiology</i> , 1998 , 28, 249-64	4.1	358
18	Regulation of Pseudomonas aeruginosa hemF and hemN by the dual action of the redox response regulators Anr and Dnr. <i>Molecular Microbiology</i> , 1998 , 29, 985-97	4.1	70
17	Localization of denitrification genes on the chromosomal map of Pseudomonas aeruginosa. <i>Microbiology (United Kingdom)</i> , 1998 , 144 (Pt 2), 441-448	2.9	37

16	Two-dimensional Pulsed-field Gel Electrophoresis 1998 , 326-336		
15	One-dimensional Pulsed-field Gel Electrophoresis 1998 , 312-325		
14	Large genome rearrangements discovered by the detailed analysis of 21 <i>Pseudomonas aeruginosa</i> clone C isolates found in environment and disease habitats. <i>Journal of Molecular Biology</i> , 1997 , 271, 386-404	6.5	110
13	Large chromosomal inversions occur in <i>Pseudomonas aeruginosa</i> clone C strains isolated from cystic fibrosis patients. <i>FEMS Microbiology Letters</i> , 1997 , 150, 149-56	2.9	10
12	Macrorestriction Mapping and Analysis of Bacterial Genomes 1996 , 165-195		7
11	A physical genome map of the <i>Burkholderia cepacia</i> type strain. <i>Molecular Microbiology</i> , 1995 , 17, 57-67	4.1	74
10	Gradient of genomic diversity in the <i>Pseudomonas aeruginosa</i> chromosome. <i>Molecular Microbiology</i> , 1995 , 17, 323-32	4.1	44
9	Pulsed field gel electrophoresis of bacterial DNA isolated directly from patients' sputa. <i>Nucleic Acids Research</i> , 1995 , 23, 722-3	20.1	7
8	Cloning, mapping and characterization of the <i>Pseudomonas aeruginosa</i> hemL gene. <i>Molecular Genetics and Genomics</i> , 1995 , 248, 375-80		14
7	Bacterial genome mapping. <i>Journal of Biotechnology</i> , 1994 , 35, 155-64	3.7	14
6	Comparative mapping of the <i>Pseudomonas aeruginosa</i> PAO genome with rare-cutter linking clones or two-dimensional pulsed-field gel electrophoresis protocols. <i>Electrophoresis</i> , 1993 , 14, 283-9	3.6	12
5	Physical genome analysis of bacteria. <i>Electrophoresis</i> , 1992 , 13, 626-31	3.6	42
4	Pulsed-field gel electrophoresis analysis of a <i>Pseudomonas aeruginosa</i> pathovar. <i>Electrophoresis</i> , 1992 , 13, 646-8	3.6	16
3	A PacI/SwaI map of the <i>Pseudomonas aeruginosa</i> PAO chromosome. <i>Electrophoresis</i> , 1992 , 13, 649-51	3.6	7
2	The impact of two-dimensional pulsed-field gel electrophoresis techniques for the consistent and complete mapping of bacterial genomes: refined physical map of <i>Pseudomonas aeruginosa</i> PAO. <i>Nucleic Acids Research</i> , 1991 , 19, 3199-206	20.1	64
1	Regulatory Networks in <i>Pseudomonas aeruginosa</i> : Role of Cyclic-di(3',5')-Guanylic Acid	195-214	