

Ute Rmling

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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	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
140	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
139	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
138	C-di-GMP: the dawning of a novel bacterial signalling system. <i>Molecular Microbiology</i> , 2005 , 57, 629-39	4.1	525
137	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
136	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
135	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
134	Cyclic di-GMP as a second messenger. <i>Current Opinion in Microbiology</i> , 2006 , 9, 218-28	7.9	284
133	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
132	Bacterial cellulose biosynthesis: diversity of operons, subunits, products, and functions. <i>Trends in Microbiology</i> , 2015 , 23, 545-57	12.4	275
131	Molecular biology of cellulose production in bacteria. <i>Research in Microbiology</i> , 2002 , 153, 205-12	4	265
130	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
129	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
128	The csgD promoter, a control unit for biofilm formation in Salmonella typhimurium. <i>Research in Microbiology</i> , 2003 , 154, 659-67	4	170
127	Uropathogenic Escherichia coli modulates immune responses and its curli fimbriae interact with the antimicrobial peptide LL-37. <i>PLoS Pathogens</i> , 2010 , 6, e1001010	7.6	167
126	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
125	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

124	Biofilm formation by enteric pathogens and its role in plant colonization and persistence. <i>Microbial Biotechnology</i> , 2014 , 7, 496-516	6.3	143
123	Effect of heat, acidification, and chlorination on <i>Salmonella enterica</i> 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
122	Complex regulation of csgD promoter activity by global regulatory proteins. <i>Molecular Microbiology</i> , 2003 , 49, 639-54	4.1	142
121	Two antisense RNAs target the transcriptional regulator CsgD to inhibit curli synthesis. <i>EMBO Journal</i> , 2010 , 29, 1840-50	13	137
120	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
119	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
118	Occurrence and regulation of the multicellular morphotype in <i>Salmonella</i> serovars important in human disease. <i>International Journal of Medical Microbiology</i> , 2003 , 293, 273-85	3.7	127
117	Identification of a gene cluster, <i>czr</i> , involved in cadmium and zinc resistance in <i>Pseudomonas aeruginosa</i> . <i>Gene</i> , 1999 , 238, 417-25	3.8	122
116	Biofilm formation and the survival of <i>Salmonella</i> Typhimurium on parsley. <i>International Journal of Food Microbiology</i> , 2006 , 109, 229-33	5.8	116
115	Roles of curli, cellulose and BapA in <i>Salmonella</i> biofilm morphology studied by atomic force microscopy. <i>BMC Microbiology</i> , 2007 , 7, 70	4.5	115
114	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
113	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
112	<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
111	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
110	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
109	Impact of large chromosomal inversions on the adaptation and evolution of <i>Pseudomonas aeruginosa</i> chronically colonizing cystic fibrosis lungs. <i>Molecular Microbiology</i> , 2003 , 47, 145-58	4.1	87
108	Role of EAL-containing proteins in multicellular behavior of <i>Salmonella enterica</i> serovar Typhimurium. <i>Journal of Bacteriology</i> , 2007 , 189, 3613-23	3.5	85
107	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

106	Effect of triclosan on Salmonella typhimurium at different growth stages and in biofilms. <i>FEMS Microbiology Letters</i> , 2007 , 267, 200-6	2.9	79
105	Hfq and Hfq-dependent small RNAs are major contributors to multicellular development in Salmonella enterica serovar Typhimurium. <i>RNA Biology</i> , 2012 , 9, 489-502	4.8	78
104	Unphosphorylated CsgD controls biofilm formation in Salmonella enterica serovar Typhimurium. <i>Molecular Microbiology</i> , 2010 , 77, 771-86	4.1	77
103	A physical genome map of the Burkholderia cepacia type strain. <i>Molecular Microbiology</i> , 1995 , 17, 57-67	4.1	74
102	Cyclic di-GMP, an established secondary messenger still speeding up. <i>Environmental Microbiology</i> , 2012 , 14, 1817-29	5.2	72
101	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
100	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
99	Phenotypic convergence mediated by GGDEF-domain-containing proteins. <i>Journal of Bacteriology</i> , 2005 , 187, 6816-23	3.5	70
98	Prevalence of biofilm formation in clinical isolates of Candida species causing bloodstream infection. <i>Mycoses</i> , 2013 , 56, 264-72	5.2	68
97	Complex c-di-GMP signaling networks mediate transition between virulence properties and biofilm formation in Salmonella enterica serovar Typhimurium. <i>PLoS ONE</i> , 2011 , 6, e28351	3.7	66
96	Characterization of cellulose production in Escherichia coli Nissle 1917 and its biological consequences. <i>Environmental Microbiology</i> , 2009 , 11, 1105-16	5.2	66
95	The impact of two-dimensional pulsed-field gel electrophoresis techniques for the consistent and complete mapping of bacterial genomes: refined physical map of Pseudomonas aeruginosa PAO. <i>Nucleic Acids Research</i> , 1991 , 19, 3199-206	20.1	64
94	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
93	Regulation of biofilm formation in Salmonella enterica serovar Typhimurium. <i>Future Microbiology</i> , 2014 , 9, 1261-82	2.9	55
92	Prevailing concepts of c-di-GMP signaling. <i>Contributions To Microbiology</i> , 2009 , 16, 161-181		55
91	"It's a gut feeling" - Escherichia coli biofilm formation in the gastrointestinal tract environment. <i>Critical Reviews in Microbiology</i> , 2018 , 44, 1-30	7.8	51
90	Cyclic di-GMP signalling controls virulence properties of Salmonella enterica serovar Typhimurium at the mucosal lining. <i>Environmental Microbiology</i> , 2010 , 12, 40-53	5.2	50
89	Regulation of c-di-GMP metabolism in biofilms. <i>Future Microbiology</i> , 2009 , 4, 341-58	2.9	47

88	A role for the EAL-like protein STM1344 in regulation of CsgD expression and motility in Salmonella enterica serovar Typhimurium. <i>Journal of Bacteriology</i> , 2009 , 191, 3928-37	3.5	45
87	Proteome analysis reveals adaptation of Pseudomonas aeruginosa to the cystic fibrosis lung environment. <i>Proteomics</i> , 2005 , 5, 3712-21	4.8	45
86	Gradient of genomic diversity in the Pseudomonas aeruginosa chromosome. <i>Molecular Microbiology</i> , 1995 , 17, 323-32	4.1	44
85	Physical genome analysis of bacteria. <i>Electrophoresis</i> , 1992 , 13, 626-31	3.6	42
84	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
83	Progress in Understanding the Molecular Basis Underlying Functional Diversification of Cyclic Dinucleotide Turnover Proteins. <i>Journal of Bacteriology</i> , 2017 , 199,	3.5	33
82	BcsZ inhibits biofilm phenotypes and promotes virulence by blocking cellulose production in Salmonella enterica serovar Typhimurium. <i>Microbial Cell Factories</i> , 2016 , 15, 177	6.4	33
81	Characteristics of biofilms from urinary tract catheters and presence of biofilm-related components in Escherichia coli. <i>Current Microbiology</i> , 2010 , 60, 446-53	2.4	33
80	Regulation of biofilm components in Salmonella enterica serovar Typhimurium by lytic transglycosylases involved in cell wall turnover. <i>Journal of Bacteriology</i> , 2011 , 193, 6443-51	3.5	32
79	The EAL-like protein STM1697 regulates virulence phenotypes, motility and biofilm formation in Salmonella typhimurium. <i>Molecular Microbiology</i> , 2013 , 90, 1216-32	4.1	29
78	Characterization of biofilm formation and the role of BCR1 in clinical isolates of Candida parapsilosis. <i>Eukaryotic Cell</i> , 2014 , 13, 438-51		29
77	A novel protein quality control mechanism contributes to heat shock resistance of worldwide-distributed Pseudomonas aeruginosa clone C strains. <i>Environmental Microbiology</i> , 2015 , 17, 4511-26	5.2	27
76	Modulation of biofilm-formation in Salmonella enterica 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
75	Biointeractive antibacterial fibres using polyelectrolyte multilayer modification. <i>Cellulose</i> , 2012 , 19, 1731-1741	5.3	26
74	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
73	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
72	Protein homeostasis-more than resisting a hot bath. <i>Current Opinion in Microbiology</i> , 2016 , 30, 147-154	7.9	22
71	Discovery of the Second Messenger Cyclic di-GMP. <i>Methods in Molecular Biology</i> , 2017 , 1657, 1-8	1.4	22

70	Detailed analysis of c-di-GMP mediated regulation of csgD expression in Salmonella typhimurium. <i>BMC Microbiology</i> , 2017 , 17, 27	4.5	21
69	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
68	Genetic and phenotypic analysis of multicellular behavior in Salmonella typhimurium. <i>Methods in Enzymology</i> , 2001 , 336, 48-59	1.7	20
67	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
66	Structural and Functional Characterization of the BcsG Subunit of the Cellulose Synthase in Salmonella typhimurium. <i>Journal of Molecular Biology</i> , 2018 , 430, 3170-3189	6.5	19
65	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
64	Dissecting the cyclic di-guanylate monophosphate signalling network regulating motility in Salmonella enterica serovar Typhimurium. <i>Environmental Microbiology</i> , 2015 , 17, 1310-20	5.2	19
63	Rationalizing the evolution of EAL domain-based cyclic di-GMP-specific phosphodiesterases. <i>Journal of Bacteriology</i> , 2009 , 191, 4697-700	3.5	19
62	Differential genome analysis of bacteria by genomic subtractive hybridization and pulsed field gel electrophoresis. <i>Electrophoresis</i> , 1998 , 19, 509-14	3.6	19
61	A study of the antigenicity of Rickettsia helvetica proteins using two-dimensional gel electrophoresis. <i>Apmis</i> , 2009 , 117, 253-62	3.4	18
60	The role of c-di-GMP signaling in an Aeromonas veronii biovar sobria strain. <i>FEMS Microbiology Letters</i> , 2007 , 273, 172-9	2.9	18
59	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
58	Gre factors-mediated control of hld transcription is essential for the invasion of epithelial cells by Salmonella enterica serovar Typhimurium. <i>PLoS Pathogens</i> , 2017 , 13, e1006312	7.6	16
57	Alterations of c-di-GMP turnover proteins modulate semi-constitutive rdar biofilm formation in commensal and uropathogenic Escherichia coli. <i>MicrobiologyOpen</i> , 2017 , 6, e00508	3.4	16
56	Pulsed-field gel electrophoresis analysis of a Pseudomonas aeruginosa pathovar. <i>Electrophoresis</i> , 1992 , 13, 646-8	3.6	16
55	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
54	Cyclic Di-GMP (c-Di-GMP) goes into host cells--c-Di-GMP signaling in the obligate intracellular pathogen Anaplasma phagocytophilum. <i>Journal of Bacteriology</i> , 2009 , 191, 683-6	3.5	14
53	Bacterial genome mapping. <i>Journal of Biotechnology</i> , 1994 , 35, 155-64	3.7	14

52	Cloning, mapping and characterization of the <i>Pseudomonas aeruginosa</i> hemL gene. <i>Molecular Genetics and Genomics</i> , 1995 , 248, 375-80		14
51	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
50	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
49	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
48	Two FtsH Proteases Contribute to Fitness and Adaptation of Clone C Strains. <i>Frontiers in Microbiology</i> , 2019 , 10, 1372	5.7	12
47	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
46	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
45	Ancient permafrost staphylococci carry antibiotic resistance genes. <i>Microbial Ecology in Health and Disease</i> , 2017 , 28, 1345574		11
44	Microbiology: bacterial communities as capitalist economies. <i>Nature</i> , 2013 , 497, 321-2	50.4	11
43	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
42	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
41	ClpG Provides Increased Heat Resistance by Acting as Superior Disaggregase. <i>Biomolecules</i> , 2019 , 9,	5.9	10
40	DncV Synthesizes Cyclic GMP-AMP and Regulates Biofilm Formation and Motility in ECOR31. <i>MBio</i> , 2019 , 10,	7.8	9
39	Characterization of cellulose produced by <i>Salmonella enterica</i> serovar Typhimurium. <i>Cellulose</i> , 2004 , 11, 413-418	5.5	8
38	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
37	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
36	Dissection of the Genetic Pathway Leading to Multicellular Behaviour in <i>Salmonella enterica</i> Serotype Typhimurium and Other Enterobacteriaceae 2003 , 231-261		7
35	Pulsed field gel electrophoresis of bacterial DNA isolated directly from patients' sputa. <i>Nucleic Acids Research</i> , 1995 , 23, 722-3	20.1	7

34	A PacI/SwaI map of the <i>Pseudomonas aeruginosa</i> PAO chromosome. <i>Electrophoresis</i> , 1992 , 13, 649-51	3.6	7
33	Macrorestriction Mapping and Analysis of Bacterial Genomes 1996 , 165-195		7
32	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
31	2-Methylcitrate cycle: a well-regulated controller of <i>Bacillus</i> sporulation. <i>Environmental Microbiology</i> , 2020 , 22, 1125-1140	5.2	6
30	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
29	Finally! The structural secrets of a HD-GYP phosphodiesterase revealed. <i>Molecular Microbiology</i> , 2014 , 91, 1-5	4.1	5
28	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
27	Nucleotide Second Messenger Signaling as a Target for the Control of Bacterial Biofilm Formation. <i>Current Topics in Medicinal Chemistry</i> , 2017 ,	3	5
26	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
25	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
24	Tailoring the effect of antibacterial polyelectrolyte multilayers by choice of cellulosic fiber substrate. <i>Holzforschung</i> , 2013 , 67, 573-578	2	4
23	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
22	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
21	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
20	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
19	Cellulose Biosynthesis in Enterobacteriaceae 2007 , 107-122		4
18	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
17	Draft Genome Sequence of the Urinary Catheter Isolate CEB04 with High Biofilm Forming Capacity. <i>Microorganisms</i> , 2020 , 8,	4.9	2

16	Virulence characteristics of translocating Escherichia coli and the interleukin-8 response to infection. <i>Microbial Pathogenesis</i> , 2011 , 50, 81-6	3.8	2
15	Yin and Yang of Biofilm Formation and Cyclic di-GMP Signaling of the Gastrointestinal Pathogen Salmonella enterica Serovar Typhimurium. <i>Journal of Innate Immunity</i> , 2021 , 1-18	6.9	2
14	Cyclic di-GMP Signaling in Salmonella enterica serovar Typhimurium 2020 , 395-425		2
13	Regulation of colony morphology and biofilm formation in Shewanella algae. <i>Microbial Biotechnology</i> , 2021 , 14, 1183-1200	6.3	2
12	Complete Genome Sequence and Methylome of the Type Strain of Shewanella algae. <i>Microbiology Resource Announcements</i> , 2021 , 10, e0055921	1.3	2
11	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
10	High frequency of double crossover recombination facilitates genome engineering in Pseudomonas aeruginosa PA14 and clone C strains. <i>Microbiology (United Kingdom)</i> , 2019 , 165, 757-760	2.9	1
9	Basic mechanism of the autonomous ClpG disaggregase. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100460	5.0	1
8	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
7	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
6	Patatin-like phospholipase CapV in Escherichia coli - morphological and physiological effects of one amino acid substitution.. <i>Npj Biofilms and Microbiomes</i> , 2022 , 8, 39	8.2	0
5	Hierarchical Control of rdar Morphotype Development of Salmonella enterica by Cyclic Di-GMP 2014 , 137-155		
4	Regulatory Networks in Pseudomonas aeruginosa: Role of Cyclic-di(3',5')-Guanylic Acid195-214		
3	Two-dimensional Pulsed-field Gel Electrophoresis 1998 , 326-336		
2	One-dimensional Pulsed-field Gel Electrophoresis 1998 , 312-325		
1	Deciphering Molecular Mechanism Underlying Self-Flocculation of Zymomonas mobilis for Robust Production.. <i>Applied and Environmental Microbiology</i> , 2022 , e0239821	4.8	