Ute RÃ¶mling

List of Publications by Year
in descending order

145 papers	13,259 citations	34105 52 h-index	23533 111 g-index
155 all docs	155 docs citations	155 times ranked	9561 citing authors

#	Article	IF	Citations
1	Cyclic di-GMP: the First 25 Years of a Universal Bacterial Second Messenger. Microbiology and Molecular Biology Reviews, 2013, 77, 1-52.	6.6	1,479
2	The multicellular morphotypes of Salmonella typhimurium and Escherichia coli produce cellulose as the second component of the extracellular matrix. Molecular Microbiology, 2001, 39, 1452-1463.	2.5	838
3	GGDEF and EAL domains inversely regulate cyclic di-GMP levels and transition from sessility to motility. Molecular Microbiology, 2004, 53, 1123-1134.	2.5	834
4	C-di-GMP: the dawning of a novel bacterial signalling system. Molecular Microbiology, 2005, 57, 629-639.	2.5	593
5	The PilZ Domain Is a Receptor for the Second Messenger c-di-GMP. Journal of Biological Chemistry, 2006, 281, 30310-30314.	3.4	443
6	Bacterial cellulose biosynthesis: diversity of operons, subunits, products, and functions. Trends in Microbiology, 2015, 23, 545-557.	7.7	432
7	Multicellular and aggregative behaviour of Salmonella typhimurium strains is controlled by mutations in the agfD promoter. Molecular Microbiology, 1998, 28, 249-264.	2.5	418
8	AgfD, the checkpoint of multicellular and aggregative behaviour in Salmonella typhimurium regulates at least two independent pathways. Molecular Microbiology, 2000, 36, 10-23.	2.5	373
9	Production of Cellulose and Curli Fimbriae by Members of the Family Enterobacteriaceae Isolated from the Human Gastrointestinal Tract. Infection and Immunity, 2003, 71, 4151-4158.	2.2	332
10	Microcolony formation: a novel biofilm model of Pseudomonas aeruginosa for the cystic fibrosis lung. Journal of Medical Microbiology, 2005, 54, 667-676.	1.8	314
11	Cyclic di-GMP as a second messenger. Current Opinion in Microbiology, 2006, 9, 218-228.	5.1	313
12	Molecular biology of cellulose production in bacteria. Research in Microbiology, 2002, 153, 205-212.	2.1	303
13	Expression of cellulose and curli fimbriae by Escherichia coli isolated from the gastrointestinal tract. Journal of Medical Microbiology, 2005, 54, 1171-1182.	1.8	219
14	The csgD promoter, a control unit for biofilm formation in Salmonella typhimurium. Research in Microbiology, 2003, 154, 659-667.	2.1	211
15	Uropathogenic Escherichia coli Modulates Immune Responses and Its Curli Fimbriae Interact with the Antimicrobial Peptide LL-37. PLoS Pathogens, 2010, 6, e1001010.	4.7	203
16	Biofilm formation by enteric pathogens and its role in plant colonization and persistence. Microbial Biotechnology, 2014, 7, 496-516.	4.2	202
17	Oxygen tension and nutrient starvation are major signals that regulate agfD promoter activity and expression of the multicellular morphotype in Salmonella typhimurium. Environmental Microbiology, 2001, 3, 638-648.	3.8	191
18	Hierarchical involvement of various GGDEF domain proteins in rdar morphotype development of Salmonella enterica serovar Typhimurium. Molecular Microbiology, 2006, 60, 602-616.	2.5	180

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19	Effect of Heat, Acidification, and Chlorination on Salmonella enterica Serovar Typhimurium Cells in a Biofilm Formed at the Air-Liquid Interface. Applied and Environmental Microbiology, 2005, 71, 1163-1168.	3.1	165
20	Complex regulation of csgD promoter activity by global regulatory proteins. Molecular Microbiology, 2004, 49, 639-654.	2.5	158
21	Two antisense RNAs target the transcriptional regulator CsgD to inhibit curli synthesis. EMBO Journal, 2010, 29, 1840-1850.	7.8	155
22	Great Times for Small Molecules: c-di-AMP, a Second Messenger Candidate in Bacteria and Archaea. Science Signaling, 2008, 1, pe39.	3.6	151
23	The RNA binding protein CsrA controls cyclic diâ€GMP metabolism by directly regulating the expression of GGDEF proteins. Molecular Microbiology, 2008, 70, 236-257.	2.5	150
24	Occurrence and regulation of the multicellular morphotype in Salmonella serovars important in human disease. International Journal of Medical Microbiology, 2003, 293, 273-285.	3.6	149
25	Roles of curli, cellulose and BapA in Salmonella biofilm morphology studied by atomic force microscopy. BMC Microbiology, 2007, 7, 70.	3.3	142
26	Identification of a gene cluster, czr, involved in cadmium and zinc resistance in Pseudomonas aeruginosa. Gene, 1999, 238, 417-425.	2.2	140
27	Biofilm formation and the survival of Salmonella Typhimurium on parsley. International Journal of Food Microbiology, 2006, 109, 229-233.	4.7	136
28	Large genome rearrangements discovered by the detailed analysis of 21 Pseudomonas aeruginosa clone C isolates found in environment and disease habitats 1 1Edited by J. Karn. Journal of Molecular Biology, 1997, 271, 386-404.	4.2	124
29	Bistable Expression of CsgD in Biofilm Development of<i>Salmonella enterica</i>Serovar Typhimurium. Journal of Bacteriology, 2010, 192, 456-466.	2.2	123
30	A 96-well-plateâ€“based optical method for the quantitative and qualitative evaluation of Pseudomonas aeruginosa biofilm formation and its application to susceptibility testing. Nature Protocols, 2010, 5, 1460-1469.	12.0	119
31	<scp>GIL</scp>, a new câ€diâ€<scp>GMP</scp>â€binding protein domain involved in regulation of cellulose synthesis in enterobacteria. Molecular Microbiology, 2014, 93, 439-452.	2.5	118
32	Pseudomonas aeruginosa cupA-encoded fimbriae expression is regulated by a GGDEF and EAL domain-dependent modulation of the intracellular level of cyclic diguanylate. Environmental Microbiology, 2007, 9, 2475-2485.	3.8	107
33	Hfq and Hfq-dependent small RNAs are major contributors to multicellular development in<i>Salmonella enterica</i>serovar Typhimurium. RNA Biology, 2012, 9, 489-502.	3.1	107
34	Unphosphorylated CsgD controls biofilm formation in <i>Salmonella enterica</i> serovar Typhimurium. Molecular Microbiology, 2010, 77, 771-786.	2.5	102
35	Complex regulatory network encompassing the Csr, câ€diâ€GMP and motility systems of <i>Salmonella</i> Typhimurium. Environmental Microbiology, 2010, 12, 524-540.	3.8	102
36	Impact of large chromosomal inversions on the adaptation and evolution of Pseudomonas aeruginosa chronically colonizing cystic fibrosis lungs. Molecular Microbiology, 2003, 47, 145-158.	2.5	100

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37	A physical genome map of the Burkholderia cepacia type strain. Molecular Microbiology, 1995, 17, 57-67.	2.5	95
38	Role of EAL-Containing Proteins in Multicellular Behavior of Salmonella enterica Serovar Typhimurium. Journal of Bacteriology, 2007, 189, 3613-3623.	2.2	94
39	Effect of triclosan onSalmonella typhimuriumat different growth stages and in biofilms. FEMS Microbiology Letters, 2007, 267, 200-206.	1.8	94
40	â€œItâ€™s a gut feelingâ€•â€“<i>Escherichia coli</i>biofilm formation in the gastrointestinal tract environment. Critical Reviews in Microbiology, 2018, 44, 1-30.	6.1	87
41	Worldwide distribution of Pseudomonas aeruginosa clone C strains in the aquatic environment and cystic fibrosis patients. Environmental Microbiology, 2005, 7, 1029-1038.	3.8	85
42	Complex c-di-GMP Signaling Networks Mediate Transition between Virulence Properties and Biofilm Formation in Salmonella enterica Serovar Typhimurium. PLoS ONE, 2011, 6, e28351.	2.5	85
43	Cyclic diâ€GMP, an established secondary messenger still speeding up. Environmental Microbiology, 2012, 14, 1817-1829.	3.8	81
44	Regulation of <i>Pseudomonas aeruginosa hemF</i> and <i>hemN</i> by the dual action of the redox response regulators Anr and Dnr. Molecular Microbiology, 1998, 29, 985-997.	2.5	80
45	Regulation of biofilm formation in <i>Salmonella enterica</i> serovar Typhimurium. Future Microbiology, 2014, 9, 1261-1282.	2.0	77
46	Phenotypic Convergence Mediated by GGDEF-Domain-Containing Proteins. Journal of Bacteriology, 2005, 187, 6816-6823.	2.2	76
47	Characterization of cellulose production in <i>Escherichia coli</i> Nissle 1917 and its biological consequences. Environmental Microbiology, 2009, 11, 1105-1116.	3.8	76
48	Prevalence of biofilm formation in clinical isolates of <i>Candida</i> species causing bloodstream infection. Mycoses, 2013, 56, 264-272.	4.0	75
49	The impact of two-dimensional pulsed-field gel electrophoresis techniques for the consistent and complete mapping of bacterial genomes: refined physical map ofPseudomonas aeruginosaPAO. Nucleic Acids Research, 1991, 19, 3199-3206.	14.5	73
50	Quantitative determination of cyclic diguanosine monophosphate concentrations in nucleotide extracts of bacteria by matrix-assisted laser desorption/ionizationâ€“time-of-flight mass spectrometry. Analytical Biochemistry, 2009, 386, 53-58.	2.4	69
51	Cyclic diâ€GMP signalling controls virulence properties of <i>Salmonella enterica</i> serovar Typhimurium at the mucosal lining. Environmental Microbiology, 2010, 12, 40-53.	3.8	62
52	Prevailing Concepts of c-di-GMP Signaling. Contributions To Microbiology, 2009, 16, 161-181.	2.1	59
53	BcsZ inhibits biofilm phenotypes and promotes virulence by blocking cellulose production in Salmonella enterica serovar Typhimurium. Microbial Cell Factories, 2016, 15, 177.	4.0	57
54	Physical genome analysis of bacteria. Electrophoresis, 1992, 13, 626-631.	2.4	52

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55	Regulation of c-di-GMP metabolism in biofilms. Future Microbiology, 2009, 4, 341-358.	2.0	52
56	Proteome analysis reveals adaptation ofPseudomonas aeruginosa to the cystic fibrosis lung environment. Proteomics, 2005, 5, 3712-3721.	2.2	50
57	A Role for the EAL-Like Protein STM1344 in Regulation of CsgD Expression and Motility in Salmonella enterica Serovar Typhimurium. Journal of Bacteriology, 2009, 191, 3928-3937.	2.2	50
58	Gradient of genomic diversity in the Pseudomonas aeruginosa chromosome. Molecular Microbiology, 1995, 17, 323-332.	2.5	49
59	Localization of denitrification genes on the chromosomal map of Pseudomonas aeruginosa. Microbiology (United Kingdom), 1998, 144, 441-448.	1.8	43
60	Progress in Understanding the Molecular Basis Underlying Functional Diversification of Cyclic Dinucleotide Turnover Proteins. Journal of Bacteriology, 2017, 199, .	2.2	41
61	Regulation of Biofilm Components in Salmonella enterica Serovar Typhimurium by Lytic Transglycosylases Involved in Cell Wall Turnover. Journal of Bacteriology, 2011, 193, 6443-6451.	2.2	40
62	The <scp>EAL</scp>â€like protein <scp>STM</scp>1697 regulates virulence phenotypes, motility and biofilm formation in <i><scp>S</scp>almonella typhimurium</i>. Molecular Microbiology, 2013, 90, 1216-1232.	2.5	38
63	Characteristics of Biofilms from Urinary Tract Catheters and Presence of Biofilm-Related Components in Escherichia coli. Current Microbiology, 2010, 60, 446-453.	2.2	37
64	Detailed analysis of c-di-GMP mediated regulation of csgD expression in Salmonella typhimurium. BMC Microbiology, 2017, 17, 27.	3.3	37
65	Stand-alone ClpG disaggregase confers superior heat tolerance to bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E273-E282.	7.1	37
66	A novel protein quality control mechanism contributes to heat shock resistance of worldwideâ€distributed <scp><i>P</i></scp><i>seudomonas aeruginosa</i> clone <scp>C</scp> strains. Environmental Microbiology, 2015, 17, 4511-4526.	3.8	36
67	Stand-Alone EAL Domain Proteins Form a Distinct Subclass of EAL Proteins Involved in Regulation of Cell Motility and Biofilm Formation in Enterobacteria. Journal of Bacteriology, 2017, 199, .	2.2	36
68	ISPa20 advances the individual evolution of Pseudomonas aeruginosa clone C subclone C13 strains isolated from cystic fibrosis patients by insertional mutagenesis and genomic rearrangements. Archives of Microbiology, 2006, 185, 245-254.	2.2	34
69	Characterization of Biofilm Formation and the Role of <i>BCR1</i> in Clinical Isolates of Candida parapsilosis. Eukaryotic Cell, 2014, 13, 438-451.	3.4	34
70	Discovery of the Second Messenger Cyclic di-GMP. Methods in Molecular Biology, 2017, 1657, 1-8.	0.9	34
71	Gre factors-mediated control of hilD transcription is essential for the invasion of epithelial cells by Salmonella enterica serovar Typhimurium. PLoS Pathogens, 2017, 13, e1006312.	4.7	34
72	Protein homeostasis â€" more than resisting a hot bath. Current Opinion in Microbiology, 2016, 30, 147-154.	5.1	33

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73	Control of pathogen growth and biofilm formation using a urinary catheter that releases antimicrobial nitrogen oxides. Free Radical Biology and Medicine, 2013, 65, 1257-1264.	2.9	31
74	Modulation of Biofilm-Formation in Salmonella enterica Serovar Typhimurium by the Periplasmic DsbA/DsbB Oxidoreductase System Requires the GGDEF-EAL Domain Protein STM3615. PLoS ONE, 2014, 9, e106095.	2.5	31
75	Biointeractive antibacterial fibres using polyelectrolyte multilayer modification. Cellulose, 2012, 19, 1731-1741.	4.9	30
76	Shewanella spp. infections in Gran Canaria, Spain: retrospective analysis of 31 cases and a literature review. JMM Case Reports, 2017, 4, e005131.	1.3	30
77	Structural and Functional Characterization of the BcsG Subunit of the Cellulose Synthase in Salmonella typhimurium. Journal of Molecular Biology, 2018, 430, 3170-3189.	4.2	29
78	Dissecting the cyclic diâ€guanylate monophosphate signalling network regulating motility in <i><scp>S</scp>almonella enterica</i> serovar <scp>T</scp>yphimurium. Environmental Microbiology, 2015, 17, 1310-1320.	3.8	28
79	DncV Synthesizes Cyclic GMP-AMP and Regulates Biofilm Formation and Motility in <i>Escherichia coli</i> ECOR31. MBio, 2019, 10, .	4.1	26
80	Alterations of câ€diâ€<scp>GMP</scp> turnover proteins modulate semiâ€constitutive rdar biofilm formation in commensal and uropathogenic <i>Escherichia coli</i>. MicrobiologyOpen, 2017, 6, e00508.	3.0	25
81	[5] Genetic and phenotypic analysis of multicellular behavior in salmonella typhimurium. Methods in Enzymology, 2001, 336, 48-59.	1.0	24
82	Regulatory components at thecsgDpromoter Ã¢Â€Â“ additional roles for OmpR and integration host factor and role of the 5Ã¢Â€Â² untranslated region. FEMS Microbiology Letters, 2006, 261, 109-117.	1.8	24
83	JAGN1 is required for fungal killing in neutrophil extracellular traps: Implications for severe congenital neutropenia. Journal of Leukocyte Biology, 2018, 104, 1199-1213.	3.3	23
84	Differential genome analysis of bacteria by genomic subtractive hybridization and pulsed field gel electrophoresis. Electrophoresis, 1998, 19, 509-514.	2.4	22
85	Two FtsH Proteases Contribute to Fitness and Adaptation of Pseudomonas aeruginosa Clone C Strains. Frontiers in Microbiology, 2019, 10, 1372.	3.5	22
86	Why? â€“ Successful <i>Pseudomonas aeruginosa</i> clones with a focus on clone C. FEMS Microbiology Reviews, 2020, 44, 740-762.	8.6	22
87	Pulsed-field gel electrophoresis analysis of aPseudomonas aeruginosa pathovar. Electrophoresis, 1992, 13, 646-648.	2.4	21
88	The role of c-di-GMP signaling in anAeromonas veroniibiovarsobriastrain. FEMS Microbiology Letters, 2007, 273, 172-179.	1.8	21
89	Rationalizing the Evolution of EAL Domain-Based Cyclic di-GMP-Specific Phosphodiesterases. Journal of Bacteriology, 2009, 191, 4697-4700.	2.2	21
90	A study of the antigenicity of <i>Rickettsia helvetica</i> proteins using twoâ€dimensional gel electrophoresis. Apmis, 2009, 117, 253-262.	2.0	21

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91	Ancient permafrost staphylococci carry antibiotic resistance genes. Microbial Ecology in Health and Disease, 2017, 28, 1345574.	3.5	21
92	A recently isolated human commensal <i>Escherichia coli</i> ST10 clone member mediates enhanced thermotolerance and tetrathionate respiration on a P1 phageâ€derived IncY plasmid. Molecular Microbiology, 2021, 115, 255-271.	2.5	21
93	Horizontal Transmission of Stress Resistance Genes Shape the Ecology of Beta- and Gamma-Proteobacteria. Frontiers in Microbiology, 2021, 12, 696522.	3.5	20
94	Nucleotide Second Messenger Signaling as a Target for the Control of Bacterial Biofilm Formation. Current Topics in Medicinal Chemistry, 2017, 17, 1928-1944.	2.1	20
95	Cloning, mapping and characterization of thePseudomonas aeruginosa hemL gene. Molecular Genetics and Genomics, 1995, 248, 375-380.	2.4	19
96	2â€Methylcitrate cycle: a wellâ€regulated controller of <scp><i>Bacillus</i></scp> sporulation. Environmental Microbiology, 2020, 22, 1125-1140.	3.8	19
97	Identification of YhdA as a regulator of theEscherichia colicarbon storage regulation system. FEMS Microbiology Letters, 2006, 264, 232-237.	1.8	18
98	Opposing Contributions of Polynucleotide Phosphorylase and the Membrane Protein NlpI to Biofilm Formation by Salmonella enterica Serovar Typhimurium. Journal of Bacteriology, 2011, 193, 580-582.	2.2	18
99	Flagellin in combination with curli fimbriae elicits an immune response in the gastrointestinal epithelial cell line HT-29. Microbes and Infection, 2006, 8, 2027-2033.	1.9	16
100	Bacterial genome mapping. Journal of Biotechnology, 1994, 35, 155-164.	3.8	15
101	Cyclic Di-GMP (c-Di-GMP) Goes in1593to Host Cellsâ€"c-Di-GMP Signaling in the Obligate Intracellular Pathogen <i>Anaplasma phagocytophilum</i>. Journal of Bacteriology, 2009, 191, 683-686.	2.2	15
102	Multilocus sequence typing identifies disease-causing Shewanella chilikensis strain 6I4. FEMS Microbiology Ecology, 2018, 95, .	2.7	15
103	Reduction of alternative electron acceptors drives biofilm formation in Shewanella algae. Npj Biofilms and Microbiomes, 2021, 7, 9.	6.4	15
104	ClpG Provides Increased Heat Resistance by Acting as Superior Disaggregase. Biomolecules, 2019, 9, 815.	4.0	14
105	Characterization of cellulose produced by Salmonella enterica serovar Typhimurium. Cellulose, 2004, 11, 413-418.	4.9	13
106	Comparative mapping of thePseudomonas aeruginosa PAO genome with rare-cutter linking clones or two-dimensional pulsed-field gel electrophoresis protocols. Electrophoresis, 1993, 14, 283-289.	2.4	12
107	Large chromosomal inversions occur in Pseudomonas aeruginosa clone C strains isolated from cystic fibrosis patients. FEMS Microbiology Letters, 2006, 150, 149-156.	1.8	12
108	Bacterial communities as capitalist economies. Nature, 2013, 497, 321-322.	27.8	12

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109	Comparative Genomics of Cyclic di-GMP Metabolism and Chemosensory Pathways in Shewanella algae Strains: Novel Bacterial Sensory Domains and Functional Insights into Lifestyle Regulation. MSystems, 2022, 7, e0151821.	3.8	11
110	A Cyclic di-GMP Network Is Present in Gram-Positive <i>Streptococcus</i> and Gram-Negative <i>Proteus</i> Species. ACS Infectious Diseases, 2020, 6, 2672-2687.	3.8	10
111	APacI/SwaI map of thePseudomonas aeruginosa PAO chromosome. Electrophoresis, 1992, 13, 649-651.	2.4	9
112	Small molecules with big effects: Cyclic di-GMPâ€“mediated stimulation of cellulose production by the amino acid ÊŸ-arginine. Science Signaling, 2015, 8, fs12.	3.6	9
113	Basic mechanism of the autonomous ClpG disaggregase. Journal of Biological Chemistry, 2021, 296, 100460.	3.4	9
114	Macrorestriction Mapping and Analysis of Bacterial Genomes. , 1996, , 165-195.		9
115	Pulsed field gel electrophoresis of bacterial DNA isolated directly from patients' sputa. Nucleic Acids Research, 1995, 23, 722-725.	14.5	8
116	Yin and Yang of Biofilm Formation and Cyclic di-GMP Signaling of the Gastrointestinal Pathogen <i>Salmonella enterica</i> Serovar Typhimurium. Journal of Innate Immunity, 2022, 14, 275-292.	3.8	8
117	Dissection of the Genetic Pathway Leading to Multicellular Behaviour in <i>Salmonella enterica</i> Serotype Typhimurium and Other Enterobacteriaceae. , 2003, , 231-261.		7
118	Pyrosequencing of a hypervariable region in the internal transcribed spacer 2 to identify clinical yeast isolates. Mycoses, 2012, 55, 172-180.	4.0	7
119	The cellulose synthase BcsA plays a role in interactions of Salmonella typhimurium with Acanthamoeba castellanii genotype T4. Parasitology Research, 2018, 117, 2283-2289.	1.6	7
120	Regulation of colony morphology and biofilm formation in Shewanella algae. Microbial Biotechnology, 2021, 14, 1183-1200.	4.2	7
121	Nucleotide Second Messenger Signaling as a Target for the Control of Bacterial Biofilm Formation. Current Topics in Medicinal Chemistry, 2017, , .	2.1	7
122	Finally! The structural secrets of a <scp>HD</scp>â€‹<scp>GYP</scp> phosphodiesterase revealed. Molecular Microbiology, 2014, 91, 1-5.	2.5	6
123	Impact of manganese on biofilm formation and cell morphology of <i>Candida parapsilosis</i> clinical isolates with different biofilm forming abilities. FEMS Yeast Research, 2019, 19, .	2.3	6
124	Draft Genome Sequence of Pseudomonas aeruginosa SG17M, an Environmental Isolate Belonging to Clone C, Prevalent in Patients and Aquatic Habitats. Genome Announcements, 2014, 2, .	0.8	5
125	Draft Genome Sequences of Semiconstitutive Red, Dry, and Rough Biofilm-Forming Commensal and Uropathogenic Escherichia coli Isolates. Genome Announcements, 2017, 5, .	0.8	5
126	Tailoring the effect of antibacterial polyelectrolyte multilayers by choice of cellulosic fiber substrate. Holzforschung, 2013, 67, 573-578.	1.9	4

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127	Clarithromycin Exerts an Antibiofilm Effect against <i>Salmonella enterica</i> Serovar Typhimurium rdar Biofilm Formation and Transforms the Physiology towards an Apparent Oxygen-Depleted Energy and Carbon Metabolism. Infection and Immunity, 2020, 88, .	2.2	4
128	Cellulose Biosynthesis in Enterobacteriaceae. , 2007, , 107-122.		4
129	Cyclic di-GMP Signaling in Salmonella enterica serovar Typhimurium. , 2020, , 395-425.		4
130	Deciphering Molecular Mechanism Underlying Self-Flocculation of Zymomonas mobilis for Robust Production. Applied and Environmental Microbiology, 2022, 88, e0239821.	3.1	4
131	Virulence characteristics of translocating Escherichia coli and the interleukin-8 response to infection. Microbial Pathogenesis, 2011, 50, 81-86.	2.9	3
132	Innate Immune Mechanisms with a Focus on Small-Molecule Microbe-Host Cross Talk. Journal of Innate Immunity, 2019, 11, 191-192.	3.8	3
133	Complete Genome Sequence and Methylome of the Type Strain of Shewanella algae. Microbiology Resource Announcements, 2021, 10, e0055921.	0.6	3
134	A mass spectrometryâ€based nonâ€radioactive differential radial capillary action of ligand assay (DRaCALA) to assess ligand binding to proteins. Journal of Mass Spectrometry, 2022, 57, e4822.	1.6	3
135	Patatin-like phospholipase CapV in Escherichia coli - morphological and physiological effects of one amino acid substitution. Npj Biofilms and Microbiomes, 2022, 8, 39.	6.4	3
136	A unique methylation pattern by a type I HsdM methyltransferase prepares for DpnI rare cutting sites in the <i>Pseudomonas aeruginosa</i> PAO1 genome. FEMS Microbiology Letters, 2019, 366, .	1.8	2
137	Draft Genome Sequence of the Urinary Catheter Isolate Enterobacter ludwigii CEB04 with High Biofilm Forming Capacity. Microorganisms, 2020, 8, 522.	3.6	2
138	The power of unbiased phenotypic screens â€“ cellulose as a first receptor for the Schitoviridae phage <scp>S6</scp> of <i>Erwinia amylovora</i>. Environmental Microbiology, 2022, , .	3.8	2
139	High frequency of double crossover recombination facilitates genome engineering in Pseudomonas aeruginosa PA14 and clone C strains. Microbiology (United Kingdom), 2019, 165, 757-760.	1.8	1
140	In vivo Analysis of Cyclic di-GMP Cyclase and Phosphodiesterase Activity in Escherichia coli Using a Vc2 Riboswitch-based Assay. Bio-protocol, 2018, 8, e2753.	0.4	1
141	Regulatory Networks inPseudomonas aeruginosa: Role of Cyclic-di(3â€²,5â€²)-Guanylic Acid. , 0, , 195-214.		0
142	Hierarchical Control of rdar Morphotype Development of <i>Salmonella enterica</i> by Cyclic Di-GMP. , 0, , 137-155.		0
143	Editorial overview: Cell regulation: Amazingly sophisticated regulatory processes in bacteria!. Current Opinion in Microbiology, 2016, 30, iv-vii.	5.1	0
144	Two-dimensional Pulsed-field Gel Electrophoresis. , 1998, , 326-336.		0

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145	One-dimensional Pulsed-field Gel Electrophoresis. , 1998, , 312-325.		0