## Michael Y Galperin

## 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.

223 20,722 73 142 g-index

306 24,744 8 7.29 ext. papers ext. citations avg, IF L-index

#	Paper	IF	Citations
223	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> , <b>2022</b> , e0151821	7.6	O
222	Ways to control harmful biofilms: prevention, inhibition, and eradication. <i>Critical Reviews in Microbiology</i> , <b>2021</b> , 47, 57-78	7.8	9
221	Non-essential ribosomal proteins in bacteria and archaea identified using COGs. <i>Journal of Bacteriology</i> , <b>2021</b> ,	3.5	2
220	COG database update: focus on microbial diversity, model organisms, and widespread pathogens. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, D274-D281	20.1	84
219	Complete Genome Sequence and Methylome of the Type Strain of Shewanella algae. <i>Microbiology Resource Announcements</i> , <b>2021</b> , 10, e0055921	1.3	2
218	Sequence conservation, domain architectures, and phylogenetic distribution of the HD-GYP type c-di-GMP phosphodiesterases <i>Journal of Bacteriology</i> , <b>2021</b> , jb0056121	3.5	2
217	A decade of research on the second messenger c-di-AMP. FEMS Microbiology Reviews, <b>2020</b> , 44, 701-724	15.1	32
216	Complete Genome Sequences of the Human Pathogen Paenibacillus thiaminolyticus Mbale and Type Strain P. thiaminolyticus NRRL B-4156. <i>Microbiology Resource Announcements</i> , <b>2020</b> , 9,	1.3	4
215	Cyclic di-GMP in Streptomycetes: A New Conformation, New Binding Mode, New Receptor, and a New Mechanism to Control Cell Development. <i>Molecular Cell</i> , <b>2020</b> , 77, 443-445	17.6	3
214	Cyclic di-AMP, a second messenger of primary importance: tertiary structures and binding mechanisms. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 2807-2829	20.1	29
213	Noncanonical Cyclic di-GMP Binding Modes <b>2020</b> , 125-134		
212	Cultivation and functional characterization of 79 planctomycetes uncovers their unique biology. <i>Nature Microbiology</i> , <b>2020</b> , 5, 126-140	26.6	85
211	infection with frequent viral coinfection contributes to postinfectious hydrocephalus in Ugandan infants. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	13
210	Structural Conservation and Diversity of PilZ-Related Domains. <i>Journal of Bacteriology</i> , <b>2020</b> , 202,	3.5	11
209	G protein-coupled receptors of class A harness the energy of membrane potential to increase their sensitivity and selectivity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2019</b> , 1861, 183051	3.8	6
208	Two forms of phosphomannomutase in gammaproteobacteria: The overlooked membrane-bound form of AlgC is required for twitching motility of Lysobacter enzymogenes. <i>Environmental Microbiology</i> , <b>2019</b> , 21, 3969-3978	5.2	О
207	Microbial genome analysis: the COG approach. <i>Briefings in Bioinformatics</i> , <b>2019</b> , 20, 1063-1070	13.4	80

206	A bacterial coat that is not pure cotton. Science, 2018, 359, 276-277	33.3	7
205	Phyletic Distribution and Lineage-Specific Domain Architectures of Archaeal Two-Component Signal Transduction Systems. <i>Journal of Bacteriology</i> , <b>2018</b> , 200,	3.5	29
204	Structural and Functional Characterization of the BcsG Subunit of the Cellulose Synthase in Salmonella typhimurium. <i>Journal of Molecular Biology</i> , <b>2018</b> , 430, 3170-3189	6.5	19
203	Evolution of cation binding in the active sites of P-loop nucleoside triphosphatases in relation to the basic catalytic mechanism. <i>ELife</i> , <b>2018</b> , 7,	8.9	21
202	Sensory Transduction in Bacteria <b>2018</b> ,		1
201	What bacteria want. <i>Environmental Microbiology</i> , <b>2018</b> , 20, 4221-4229	5.2	39
200	The 24th annual Nucleic Acids Research database issue: a look back and upcoming changes. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, D1-D11	20.1	50
199	Genome Sequence of Uric Acid-Fermenting Eubacterium angustum DSM 1989T (MK-1). <i>Genome Announcements</i> , <b>2017</b> , 5,		1
198	Emergence of cytochrome bc complexes in the context of photosynthesis. <i>Physiologia Plantarum</i> , <b>2017</b> , 161, 150-170	4.6	9
197	Discovery of the Second Messenger Cyclic di-GMP. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1657, 1-8	1.4	22
196	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> , <b>2017</b> , 199,	3.5	19
195	Proposed Role for KaiC-Like ATPases as Major Signal Transduction Hubs in Archaea. <i>MBio</i> , <b>2017</b> , 8,	7.8	9
194	Proposal for the reclassification of obligately purine-fermenting bacteria Clostridium acidurici (Barker 1938) and Clostridium purinilyticum (Dire et al. 1981) as Gottschalkia acidurici gen. nov. comb. nov. and Gottschalkiapurinilytica comb. nov. and of Eubacterium angustum (Beuscher and	2.2	9
193	Andreesen 1985) as Andreesenia angusta gen. nov. comb. nov. in the family Gottschalkiaceae fam. Systematic Nomenclature for GGDEF and EAL Domain-Containing Cyclic Di-GMP Turnover Proteins of Escherichia coli. <i>Journal of Bacteriology</i> , <b>2016</b> , 198, 7-11	3.5	70
192	Genome Diversity of Spore-Forming Firmicutes <b>2016</b> , 1-18		2
191	Nucleotide binding by the widespread high-affinity cyclic di-GMP receptor MshEN domain. <i>Nature Communications</i> , <b>2016</b> , 7, 12481	17.4	83
190	The emerging diversity of Na + -translocating ion pumps supports the evolutionary primacy of Na + -based bioienergetics. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2016</b> , 1857, e68-e69	4.6	
189	Diversity of Cyclic Di-GMP-Binding Proteins and Mechanisms. <i>Journal of Bacteriology</i> , <b>2016</b> , 198, 32-46	3.5	159

188	The 2016 database issue of Nucleic Acids Research and an updated molecular biology database collection. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, D1-6	20.1	63
187	Phylogenomic analysis of the family Peptostreptococcaceae (Clostridium cluster XI) and proposal for reclassification of Clostridium litorale (Fendrich et al. 1991) and Eubacterium acidaminophilum (Zindel et al. 1989) as Peptoclostridium litorale gen. nov. comb. nov. and Peptoclostridium	2.2	41
186	Sustained sensing as an emerging principle in second messenger signaling systems. <i>Current Opinion in Microbiology</i> , <b>2016</b> , 34, 119-126	7.9	17
185	Bacterial cellulose biosynthesis: diversity of operons, subunits, products, and functions. <i>Trends in Microbiology</i> , <b>2015</b> , 23, 545-57	12.4	275
184	Modeling of interaction between cytochrome c and the WD domains of Apaf-1: bifurcated salt bridges underlying apoptosome assembly. <i>Biology Direct</i> , <b>2015</b> , 10, 29	7.2	11
183	Systematic Identification of Cyclic-di-GMP Binding Proteins in Vibrio cholerae Reveals a Novel Class of Cyclic-di-GMP-Binding ATPases Associated with Type II Secretion Systems. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005232	7.6	77
182	Ancient Systems of Sodium/Potassium Homeostasis as Predecessors of Membrane Bioenergetics. <i>Biochemistry (Moscow)</i> , <b>2015</b> , 80, 495-516	2.9	35
181	The 2015 Nucleic Acids Research Database Issue and molecular biology database collection. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, D1-5	20.1	55
180	Eukaryotic G protein-coupled receptors as descendants of prokaryotic sodium-translocating rhodopsins. <i>Biology Direct</i> , <b>2015</b> , 10, 63	7.2	24
179	Expanded microbial genome coverage and improved protein family annotation in the COG database. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, D261-9	20.1	818
178	Comparative genomic analysis of evolutionarily conserved but functionally uncharacterized membrane proteins in archaea: Prediction of novel components of secretion, membrane remodeling and glycosylation systems. <i>Biochimie</i> , <b>2015</b> , 118, 302-12	4.6	9
177	Phylogenomic reconstruction of archaeal fatty acid metabolism. <i>Environmental Microbiology</i> , <b>2014</b> , 16, 907-18	5.2	45
177 176		5.2	45 90
	GIL, a new c-di-GMP-binding protein domain involved in regulation of cellulose synthesis in		
176	16, 907-18  GIL, a new c-di-GMP-binding protein domain involved in regulation of cellulose synthesis in enterobacteria. <i>Molecular Microbiology</i> , <b>2014</b> , 93, 439-52  The 2014 Nucleic Acids Research Database Issue and an updated NAR online Molecular Biology	4.1	90
176 175	GIL, a new c-di-GMP-binding protein domain involved in regulation of cellulose synthesis in enterobacteria. <i>Molecular Microbiology</i> , <b>2014</b> , 93, 439-52  The 2014 Nucleic Acids Research Database Issue and an updated NAR online Molecular Biology Database Collection. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, D1-6  Comparative Genomics Approaches to Identifying Functionally Related Genes. <i>Lecture Notes in</i>	4.1	90
176 175 174	GIL, a new c-di-GMP-binding protein domain involved in regulation of cellulose synthesis in enterobacteria. <i>Molecular Microbiology</i> , <b>2014</b> , 93, 439-52  The 2014 Nucleic Acids Research Database Issue and an updated NAR online Molecular Biology Database Collection. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, D1-6  Comparative Genomics Approaches to Identifying Functionally Related Genes. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 1-24  Evolution of cytochrome bc complexes: from membrane-anchored dehydrogenases of ancient bacteria to triggers of apoptosis in vertebrates. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2013</b> ,	4.1 20.1 0.9	90 60 2

## (2010-2013)

170	A Time to Scatter Genes and a Time to Gather Them: Evolution of Photosynthesis Genes in Bacteria. <i>Advances in Botanical Research</i> , <b>2013</b> , 66, 1-35	2.2	7
169	Cyclic di-GMP: the first 25 years of a universal bacterial second messenger. <i>Microbiology and Molecular Biology Reviews</i> , <b>2013</b> , 77, 1-52	13.2	1073
168	The COMBREX project: design, methodology, and initial results. PLoS Biology, 2013, 11, e1001638	9.7	47
167	How many signal peptides are there in bacteria?. Environmental Microbiology, 2013, 15, 983-90	5.2	27
166	Genome Diversity of Spore-Forming Firmicutes. <i>Microbiology Spectrum</i> , <b>2013</b> , 1,	8.9	114
165	The 2013 Nucleic Acids Research Database Issue and the online molecular biology database collection. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, D1-7	20.1	73
164	Genomic determinants of sporulation in Bacilli and Clostridia: towards the minimal set of sporulation-specific genes. <i>Environmental Microbiology</i> , <b>2012</b> , 14, 2870-90	5.2	168
163	The role of energy in the emergence of biology from chemistry. <i>Origins of Life and Evolution of Biospheres</i> , <b>2012</b> , 42, 459-68	1.5	17
162	Open questions on the origin of life at anoxic geothermal fields. <i>Origins of Life and Evolution of Biospheres</i> , <b>2012</b> , 42, 507-16	1.5	19
161	The 2012 Nucleic Acids Research Database Issue and the online Molecular Biology Database Collection. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, D1-8	20.1	75
160	Origin of first cells at terrestrial, anoxic geothermal fields. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, E821-30	11.5	254
159	Comparative analysis of lipid biosynthesis in archaea, bacteria and eukaryotes: What was the structure of the first membrane lipids?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2012</b> , 1817, S154	4.6	O
158	Divergence and convergence in enzyme evolution. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 21-28	5.4	115
157	Planctomycetes and eukaryotes: a case of analogy not homology. <i>BioEssays</i> , <b>2011</b> , 33, 810-7	4.1	73
156	The 2011 Nucleic Acids Research Database Issue and the online Molecular Biology Database Collection. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, D1-6	20.1	60
155	New structural and functional contexts of the Dx[DN]xDG linear motif: insights into evolution of calcium-binding proteins. <i>PLoS ONE</i> , <b>2011</b> , 6, e21507	3.7	46
154	On the abundance of zinc in the evolutionarily old protein domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, E137; author reply E138	11.5	9
153	The 2010 Nucleic Acids Research Database Issue and online Database Collection: a community of data resources. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, D1-4	20.1	73

152	Characterization of the N-ATPase, a distinct, laterally transferred Na+-translocating form of the bacterial F-type membrane ATPase. <i>Bioinformatics</i> , <b>2010</b> , 26, 1473-6	7.2	55
151	Diversity of structure and function of response regulator output domains. <i>Current Opinion in Microbiology</i> , <b>2010</b> , 13, 150-9	7.9	251
150	Structural insight into the mechanism of c-di-GMP hydrolysis by EAL domain phosphodiesterases. Journal of Molecular Biology, <b>2010</b> , 402, 524-38	6.5	86
149	Interplay of heritage and habitat in the distribution of bacterial signal transduction systems. <i>Molecular BioSystems</i> , <b>2010</b> , 6, 721-8		76
148	From complete genome sequence to <b>Q</b> ompleteQunderstanding?. <i>Trends in Biotechnology</i> , <b>2010</b> , 28, 398	8-4 <u>9</u> 61	126
147	Non-homologous isofunctional enzymes: a systematic analysis of alternative solutions in enzyme evolution. <i>Biology Direct</i> , <b>2010</b> , 5, 31	7.2	97
146	Evolutionary origins of membrane proteins <b>2010</b> , 1-28		6
145	Co-evolution of primordial membranes and membrane proteins. <i>Trends in Biochemical Sciences</i> , <b>2009</b> , 34, 206-15	10.3	114
144	Microbial genomics as pursuit of happiness. <i>Microbial Biotechnology</i> , <b>2009</b> , 2, 135-6	6.3	1
143	The genome sequence of the psychrophilic archaeon, Methanococcoides burtonii: the role of genome evolution in cold adaptation. <i>ISME Journal</i> , <b>2009</b> , 3, 1012-35	11.9	128
142	Globins synthesize the second messenger bis-(3��cyclic diguanosine monophosphate in bacteria. Journal of Molecular Biology, <b>2009</b> , 388, 262-70	6.5	73
141	Single domain response regulators: molecular switches with emerging roles in cell organization and dynamics. <i>Current Opinion in Microbiology</i> , <b>2009</b> , 12, 152-60	7.9	73
140	On the origin of life in the zinc world. 2. Validation of the hypothesis on the photosynthesizing zinc sulfide edifices as cradles of life on Earth. <i>Biology Direct</i> , <b>2009</b> , 4, 27	7.2	55
139	Nucleic Acids Research annual Database Issue and the NAR online Molecular Biology Database Collection in 2009. <i>Nucleic Acids Research</i> , <b>2009</b> , 37, D1-4	20.1	83
138	Protein Domains Involved in Intracellular Signal Transduction <b>2009</b> , 269-288		
137	Sensory Transduction Network of E. coli <b>2009</b> , 133-148		2
136	Social bacteria and asocial eukaryotes. <i>Environmental Microbiology</i> , <b>2008</b> , 10, 281-8	5.2	4
135	The dawn of synthetic genomics. <i>Environmental Microbiology</i> , <b>2008</b> , 10, 821-5	5.2	3

134	Genomes of model organisms: know thy tools. Environmental Microbiology, 2008, 10, 1383-91	5.2	3
133	New feel for new phyla. <i>Environmental Microbiology</i> , <b>2008</b> , 10, 1927-33	5.2	9
132	The quest for biofuels fuels genome sequencing. Environmental Microbiology, 2008, 10, 2471-5	5.2	6
131	Sorting out the mix in microbial genomics. <i>Environmental Microbiology</i> , <b>2008</b> , 10, 3187-92	5.2	4
130	The past and present of sodium energetics: may the sodium-motive force be with you. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2008</b> , 1777, 985-92	4.6	112
129	Telling bacteria: do not LytTR. <i>Structure</i> , <b>2008</b> , 16, 657-9	5.2	35
128	Evolutionary primacy of sodium bioenergetics. <i>Biology Direct</i> , <b>2008</b> , 3, 13	7.2	109
127	Complete genome sequence of the extremely acidophilic methanotroph isolate V4, Methylacidiphilum infernorum, a representative of the bacterial phylum Verrucomicrobia. <i>Biology Direct</i> , <b>2008</b> , 3, 26	7.2	168
126	Encapsulated in silica: genome, proteome and physiology of the thermophilic bacterium Anoxybacillus flavithermus WK1. <i>Genome Biology</i> , <b>2008</b> , 9, R161	18.3	58
125	Sequence analysis of GerM and SpoVS, uncharacterized bacterial <code>QporulationQproteins</code> with widespread phylogenetic distribution. <i>Bioinformatics</i> , <b>2008</b> , 24, 1793-7	7.2	25
124	The Molecular Biology Database Collection: 2008 update. <i>Nucleic Acids Research</i> , <b>2008</b> , 36, D2-4	20.1	77
123	Origin and Evolution of Photosynthesis: Clues from Genome Comparison <b>2008</b> , 1169-1175		
122	Physico-chemical and evolutionary constraints for the formation and selection of first biopolymers: towards the consensus paradigm of the abiogenic origin of life. <i>Chemistry and Biodiversity</i> , <b>2007</b> , 4, 200	3 <sup>2</sup> 15	24
121	Inventing the dynamo machine: the evolution of the F-type and V-type ATPases. <i>Nature Reviews Microbiology</i> , <b>2007</b> , 5, 892-9	22.2	149
120	Using archaeal genomics to fight global warming and clostridia to fight cancer. <i>Environmental Microbiology</i> , <b>2007</b> , 9, 279-86	5.2	3
119	Mycobacterial genomes for all tastes: from BCG to biodegradation of naphtalene and pyrene. <i>Environmental Microbiology</i> , <b>2007</b> , 9, 839-45	5.2	2
118	Linear chromosomes in bacteria: no straight edge advantage?. Environmental Microbiology, <b>2007</b> , 9, 135	57 <u>56</u> 2	2
117	Genomics against flatulence. <i>Environmental Microbiology</i> , <b>2007</b> , 9, 1869-77	5.2	1

116	Dark matter in a deep-sea vent and in human mouth. <i>Environmental Microbiology</i> , <b>2007</b> , 9, 2385-91	5.2	2
115	Some bacteria degrade explosives, others prefer boiling methanol. <i>Environmental Microbiology</i> , <b>2007</b> , 9, 2905-10	5.2	8
114	The Molecular Biology Database Collection: 2007 update. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, D3-4	20.1	60
113	Sentra: a database of signal transduction proteins for comparative genome analysis. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, D271-3	20.1	22
112	Identification of sensory and signal-transducing domains in two-component signaling systems. <i>Methods in Enzymology</i> , <b>2007</b> , 422, 47-74	1.7	26
111	Genome-based identification and characterization of a putative mucin-binding protein from the surface of Streptococcus pneumoniae. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2007</b> , 66, 547-58	4.2	17
110	PilZ domain is part of the bacterial c-di-GMP binding protein. <i>Bioinformatics</i> , <b>2006</b> , 22, 3-6	7.2	394
109	Cyanobacterial response regulator PatA contains a conserved N-terminal domain (PATAN) with an alpha-helical insertion. <i>Bioinformatics</i> , <b>2006</b> , 22, 1297-301	7.2	27
108	The Molecular Biology Database Collection: 2006 update. <i>Nucleic Acids Research</i> , <b>2006</b> , 34, D3-5	20.1	62
107	Structural classification of bacterial response regulators: diversity of output domains and domain combinations. <i>Journal of Bacteriology</i> , <b>2006</b> , 188, 4169-82	3.5	375
106	The cyanobacterial genome core and the origin of photosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 13126-31	11.5	236
105	Protecting sausages with bacteria instead of salt. <i>Environmental Microbiology</i> , <b>2006</b> , 8, 185-92	5.2	1
104	The minimal genome keeps growing. Environmental Microbiology, 2006, 8, 569-73	5.2	5
103	Genomes to aid in bioremediation of dry cleaning solvents, mothballs and more. <i>Environmental Microbiology</i> , <b>2006</b> , 8, 949-55	5.2	
102	Sampling of microbial diversity by complete genomes. <i>Environmental Microbiology</i> , <b>2006</b> , 8, 1313-7	5.2	4
101	A square archaeon, the smallest eukaryote and the largest bacteria. <i>Environmental Microbiology</i> , <b>2006</b> , 8, 1683-7	5.2	1
100	The fuzzy border between a cell and an organelle. Environmental Microbiology, 2006, 8, 2062-7	5.2	1
99	House cleaning, a part of good housekeeping. <i>Molecular Microbiology</i> , <b>2006</b> , 59, 5-19	4.1	160

98	New metrics for comparative genomics. Current Opinion in Biotechnology, 2006, 17, 440-7	11.4	26
97	OMICS-Related Research in South America. OMICS A Journal of Integrative Biology, 2005, 9, 1-1	3.8	
96	Crystal structure of the bacterial YhcH protein indicates a role in sialic acid catabolism. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 5520-7	3.5	20
95	Dimeric dUTPases, HisE, and MazG belong to a new superfamily of all-alpha NTP pyrophosphohydrolases with potential "house-cleaning" functions. <i>Journal of Molecular Biology</i> , <b>2005</b> , 347, 243-55	6.5	69
94	The Molecular Biology Database Collection: 2005 update. <i>Nucleic Acids Research</i> , <b>2005</b> , 33, D5-24	20.1	62
93	Life is not defined just in base pairs. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 149-52	5.2	3
92	On the bottom of the deep blue sea. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 453-8	5.2	2
91	The vibrio that sheds light. Environmental Microbiology, 2005, 7, 757-60	5.2	3
90	To finish or not to finish?. Environmental Microbiology, 2005, 7, 1061-4	5.2	1
89	The secret of being cool. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 1499-504	5.2	2
89 88	The secret of being cool. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 1499-504  More cool news from marine bacteria. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 1864-7	5.2 5.2	2
88	More cool news from marine bacteria. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 1864-7	5.2	2
88	More cool news from marine bacteria. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 1864-7  C-di-GMP: the dawning of a novel bacterial signalling system. <i>Molecular Microbiology</i> , <b>2005</b> , 57, 629-39  A census of membrane-bound and intracellular signal transduction proteins in bacteria: bacterial	5.2	2 525
88 87 86	More cool news from marine bacteria. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 1864-7  C-di-GMP: the dawning of a novel bacterial signalling system. <i>Molecular Microbiology</i> , <b>2005</b> , 57, 629-39  A census of membrane-bound and intracellular signal transduction proteins in bacteria: bacterial IQ, extroverts and introverts. <i>BMC Microbiology</i> , <b>2005</b> , 5, 35  Functional analysis of conserved polar residues in Vc-NhaD, Na+/H+ antiporter of Vibrio cholerae.	5.2 4.1 4.5	2 525 345
88 87 86 85	More cool news from marine bacteria. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 1864-7  C-di-GMP: the dawning of a novel bacterial signalling system. <i>Molecular Microbiology</i> , <b>2005</b> , 57, 629-39  A census of membrane-bound and intracellular signal transduction proteins in bacteria: bacterial IQ, extroverts and introverts. <i>BMC Microbiology</i> , <b>2005</b> , 5, 35  Functional analysis of conserved polar residues in Vc-NhaD, Na+/H+ antiporter of Vibrio cholerae. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 39637-43	5.2 4.1 4.5 5.4 3.8	2 525 345
88 87 86 85 84	More cool news from marine bacteria. <i>Environmental Microbiology</i> , <b>2005</b> , <b>7</b> , 1864-7  C-di-GMP: the dawning of a novel bacterial signalling system. <i>Molecular Microbiology</i> , <b>2005</b> , 57, 629-39  A census of membrane-bound and intracellular signal transduction proteins in bacteria: bacterial IQ, extroverts and introverts. <i>BMC Microbiology</i> , <b>2005</b> , 5, 35  Functional analysis of conserved polar residues in Vc-NhaD, Na+/H+ antiporter of Vibrio cholerae. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 39637-43  OMICS-Related Research in Latin America. <i>OMICS A Journal of Integrative Biology</i> , <b>2005</b> , 9, 129-129  Global profiling of Shewanella oneidensis MR-1: expression of hypothetical genes and improved functional annotations. <i>Proceedings of the National Academy of Sciences of the United States of</i>	5.2 4.1 4.5 5.4 3.8	2 525 345 18

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