

# Ermenegilda Parrilli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6703465/publications.pdf>

Version: 2024-02-01

117  
papers

3,613  
citations

147566

31  
h-index

161609

54  
g-index

123  
all docs

123  
docs citations

123  
times ranked

3632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coping with cold: The genome of the versatile marine Antarctica bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Genome Research</i> , 2005, 15, 1325-1335.	2.4	367
2	Protein folding and conformational stress in microbial cells producing recombinant proteins: a host comparative overview. <i>Microbial Cell Factories</i> , 2008, 7, 11.	1.9	269
3	Exopolysaccharides from Marine and Marine Extremophilic Bacteria: Structures, Properties, Ecological Roles and Applications. <i>Marine Drugs</i> , 2018, 16, 69.	2.2	156
4	Unconventional microbial systems for the cost-efficient production of high-quality protein therapeutics. <i>Biotechnology Advances</i> , 2013, 31, 140-153.	6.0	116
5	Ammonium hydroxide hydrolysis. <i>Journal of Lipid Research</i> , 2002, 43, 2188-2195.	2.0	88
6	The cold-active Lip1 lipase from the Antarctic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125 is a member of a new bacterial lipolytic enzyme family. <i>Extremophiles</i> , 2008, 12, 311-323.	0.9	85
7	Structure-activity relationship of the exopolysaccharide from a psychrophilic bacterium: A strategy for cryoprotection. <i>Carbohydrate Polymers</i> , 2017, 156, 364-371.	5.1	83
8	A novel replication element from an Antarctic plasmid as a tool for the expression of proteins at low temperature. <i>Extremophiles</i> , 2001, 5, 257-264.	0.9	81
9	A Unique Capsular Polysaccharide Structure from the Psychrophilic Marine Bacterium <i>Colwellia psychrerythraea</i> 34H That Mimics Antifreeze (Glyco)proteins. <i>Journal of the American Chemical Society</i> , 2015, 137, 179-189.	6.6	78
10	Ecology of cold environments: new insights of bacterial metabolic adaptation through an integrated genomic-phenomic approach. <i>Scientific Reports</i> , 2017, 7, 839.	1.6	65
11	Bioactive volatile organic compounds from Antarctic (sponges) bacteria. <i>New Biotechnology</i> , 2013, 30, 824-838.	2.4	62
12	Influence of Growth Temperature on Lipid and Phosphate Contents of Surface Polysaccharides from the Antarctic Bacterium <i>Pseudoalteromonas haloplanktis</i> TAC 125. <i>Journal of Bacteriology</i> , 2004, 186, 29-34.	1.0	59
13	Acetate: friend or foe? Efficient production of a sweet protein in <i>Escherichia coli</i> BL21 using acetate as a carbon source. <i>Microbial Cell Factories</i> , 2015, 14, 106.	1.9	59
14	Molecular Structure of Endotoxins from Gram-negative Marine Bacteria: An Update. <i>Marine Drugs</i> , 2007, 5, 85-112.	2.2	58
15	Anti-biofilm activity of the Antarctic marine bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Research in Microbiology</i> , 2013, 164, 450-456.	1.0	58
16	Anti-Biofilm Activities from Marine Cold Adapted Bacteria Against <i>Staphylococci</i> and <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1333.	1.5	53
17	Genome-scale metabolic reconstruction and constraint-based modelling of the Antarctic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Environmental Microbiology</i> , 2015, 17, 751-766.	1.8	53
18	The art of adapting to extreme environments: The model system <i>Pseudoalteromonas</i> . <i>Physics of Life Reviews</i> , 2021, 36, 137-161.	1.5	53

#	ARTICLE	IF	CITATIONS
19	Identification of novel splice variants of the human catalytic subunit $\alpha^2$ of cAMP-dependent protein kinase. <i>FEBS Journal</i> , 2001, 268, 5066-5073.	0.2	49
20	Lipid A structure of <i>Pseudoalteromonas haloplanktis</i> TAC 125: use of electrospray ionization tandem mass spectrometry for the determination of fatty acid distribution. <i>Journal of Mass Spectrometry</i> , 2002, 37, 481-488.	0.7	47
21	Influence of growth temperature on the production of antibody Fab fragments in different microbes: A host comparative analysis. <i>Biotechnology Progress</i> , 2011, 27, 38-46.	1.3	46
22	The pangenome of (Antarctic) <i>Pseudoalteromonas</i> bacteria: evolutionary and functional insights. <i>BMC Genomics</i> , 2017, 18, 93.	1.2	46
23	Anti-Biofilm Activity of a Long-Chain Fatty Aldehyde from Antarctic <i>Pseudoalteromonas haloplanktis</i> TAC125 against <i>Staphylococcus epidermidis</i> Biofilm. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 46.	1.8	46
24	<i>Pseudoalteromonas haloplanktis</i> TAC125 produces 4-hydroxybenzoic acid that induces pyroptosis in human A459 lung adenocarcinoma cells. <i>Scientific Reports</i> , 2018, 8, 1190.	1.6	41
25	Development of an improved <i>Pseudoalteromonas haloplanktis</i> TAC125 strain for recombinant protein secretion at low temperature. <i>Microbial Cell Factories</i> , 2008, 7, 2.	1.9	40
26	A multi-analytical approach to better assess the keratan sulfate contamination in animal origin chondroitin sulfate. <i>Analytica Chimica Acta</i> , 2017, 958, 59-70.	2.6	40
27	Secretion of $\alpha$ -Amylase from <i>Pseudoalteromonas haloplanktis</i> TAB23: Two Different Pathways in Different Hosts. <i>Journal of Bacteriology</i> , 2002, 184, 5814-5817.	1.0	36
28	Engineering of a psychrophilic bacterium for the bioremediation of aromatic compounds. <i>Bioengineered Bugs</i> , 2010, 1, 213-216.	2.0	34
29	The role of a 2-on-2 haemoglobin in oxidative and nitrosative stress resistance of Antarctic <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Biochimie</i> , 2010, 92, 1003-1009.	1.3	33
30	Structural Investigation and Biological Activity of the Lipooligosaccharide from the Psychrophilic Bacterium <i>Pseudoalteromonas haloplanktis</i> TAB 23. <i>Chemistry - A European Journal</i> , 2011, 17, 7053-7060.	1.7	33
31	A novel genetic system for recombinant protein secretion in the Antarctic <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Microbial Cell Factories</i> , 2006, 5, 40.	1.9	32
32	Highly Phosphorylated Core Oligosaccharide Structures from Cold-Adapted <i>Psychromonas arctica</i> . <i>Chemistry - A European Journal</i> , 2008, 14, 9368-9376.	1.7	32
33	Structural investigation on the lipooligosaccharide fraction of psychrophilic <i>Pseudoalteromonas haloplanktis</i> TAC 125 bacterium. <i>FEBS Journal</i> , 2001, 268, 5092-5097.	0.2	31
34	A Second Galacturonic Acid Transferase Is Required for Core Lipopolysaccharide Biosynthesis and Complete Capsule Association with the Cell Surface in <i>Klebsiella pneumoniae</i> . <i>Journal of Bacteriology</i> , 2007, 189, 1128-1137.	1.0	31
35	Hydrophobin coating prevents <i>Staphylococcus epidermidis</i> biofilm formation on different surfaces. <i>Biofouling</i> , 2017, 33, 601-611.	0.8	31
36	The hormone-sensitive lipase from <i>Psychrobacter</i> sp. TA144: New insight in the structural/functional characterization. <i>Biochimie</i> , 2010, 92, 949-957.	1.3	29

#	ARTICLE	IF	CITATIONS
37	A novel synthetic medium and expression system for subzero growth and recombinant protein production in <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 725-734.	1.7	29
38	Anti-biofilm activity of <i>pseudoalteromonas haloplanktis</i> tac125 against <i>staphylococcus epidermidis</i> biofilm: Evidence of a signal molecule involvement?. <i>International Journal of Immunopathology and Pharmacology</i> , 2015, 28, 104-113.	1.0	28
39	The truncated hemoglobins in the Antarctic psychrophilic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Gene</i> , 2007, 398, 69-77.	1.0	27
40	&lt;p&gt;Biomimetic hydroxyapatite nanocrystals are an active carrier for &lt;em&gt;Salmonella&lt;/em&gt; bacteriophages&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2219-2232.	3.3	27
41	Process optimization for recombinant protein production in the psychrophilic bacterium <i>Pseudoalteromonas haloplanktis</i> . <i>Process Biochemistry</i> , 2011, 46, 953-959.	1.8	26
42	Structural characterization of an all-aminosugar-containing capsular polysaccharide from <i>Colwellia psychrerythraea</i> 34H. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 1377-1387.	0.7	26
43	Structural investigation of the antagonist LPS from the cyanobacterium <i>Oscillatoria planktothrix</i> FP1. <i>Carbohydrate Research</i> , 2014, 388, 73-80.	1.1	25
44	Environmental conditions shape the biofilm of the Antarctic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Microbiological Research</i> , 2019, 218, 66-75.	2.5	25
45	Plant Dynamic Metabolic Response to Bacteriophage Treatment After <i>Xanthomonas campestris</i> pv. <i>campestris</i> Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 732.	1.5	25
46	Physicochemical Approach to Understanding the Structure, Conformation, and Activity of Mannan Polysaccharides. <i>Biomacromolecules</i> , 2021, 22, 1445-1457.	2.6	25
47	Structure determination of an exopolysaccharide from an alkaliphilic bacterium closely related to <i>Bacillus</i> spp.. <i>FEBS Journal</i> , 1999, 264, 554-561.	0.2	24
48	The complete structure of the core of the LPS from <i>Plesiomonas shigelloides</i> 302â€“73 and the identification of its O-antigen biological repeating unit. <i>Carbohydrate Research</i> , 2010, 345, 2523-2528.	1.1	24
49	<i>Pseudoalteromonas haloplanktis</i> produces methylamine, a volatile compound active against <i>Burkholderia cepacia</i> complex strains. <i>New Biotechnology</i> , 2017, 35, 13-18.	2.4	23
50	Phenotypic and genomic characterization of the Antarctic bacterium <i>Gillisia</i> sp. CAL575, a producer of antimicrobial compounds. <i>Extremophiles</i> , 2014, 18, 35-49.	0.9	22
51	Strategies for the production of difficult-to-express full-length eukaryotic proteins using microbial cell factories: production of human alpha-galactosidase A. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 5863-5874.	1.7	22
52	WMR Peptide as Antifungal and Antibiofilm against <i>Albicans</i> and Non- <i>Albicans</i> <i>Candida</i> Species: Shreds of Evidence on the Mechanism of Action. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2151.	1.8	22
53	The complete structure of the lipooligosaccharide from the halophilic bacterium <i>Pseudoalteromonas issachenkonii</i> KMM 3549T. <i>Carbohydrate Research</i> , 2004, 339, 1985-1993.	1.1	21
54	Complete Lipooligosaccharide Structure of the Clinical Isolate <i>Acinetobacter baumannii</i> </i>, Strain SMAL. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1345-1352.	1.2	21

#	ARTICLE	IF	CITATIONS
55	Unusual Lipid...A from a Cold-Adapted Bacterium: Detailed Structural Characterization. <i>ChemBioChem</i> , 2017, 18, 1845-1854.	1.3	21
56	Secretion of psychrophilic $\alpha$ -amylase deletion mutants in <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>FEMS Microbiology Letters</i> , 2006, 258, 67-71.	0.7	20
57	Structural Investigation of the Oligosaccharide Portion Isolated from the Lipooligosaccharide of the Permafrost Psychrophile <i>Psychrobacter arcticus</i> 273-4. <i>Marine Drugs</i> , 2015, 13, 4539-4555.	2.2	20
58	Structure of the Core Region from the Lipopolysaccharide of <i>Plesiomonas shigelloides</i> Strain 30273 (Serotype O1). <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1365-1371.	1.2	19
59	Pentadecanal inspired molecules as new anti-biofilm agents against <i>Staphylococcus epidermidis</i> . <i>Biofouling</i> , 2018, 34, 1110-1120.	0.8	19
60	An Innovative Approach to Control <i>H. pylori</i> -Induced Persistent Inflammation and Colonization. <i>Microorganisms</i> , 2020, 8, 1214.	1.6	19
61	Structural Determination of the O-Chain Polysaccharide from the Lipopolysaccharide of the Haloalkaliphilic <i>Halomonas pantelleriensis</i> Bacterium. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 1801-1808.	1.2	18
62	An In Vitro Model to Investigate the Role of <i>Helicobacter pylori</i> in Type 2 Diabetes, Obesity, Alzheimer's Disease and Cardiometabolic Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8369.	1.8	17
63	Pentadecanoic acid against <i>Candida albicans</i> - <i>Klebsiella pneumoniae</i> biofilm: towards the development of an anti-biofilm coating to prevent polymicrobial infections. <i>Research in Microbiology</i> , 2021, 172, 103880.	1.0	17
64	Engineered marine Antarctic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125: a promising micro-organism for the bioremediation of aromatic compounds. <i>Journal of Applied Microbiology</i> , 2009, 106, 49-56.	1.4	16
65	Structural Characterization of the Core Oligosaccharide Isolated from the Lipopolysaccharide of the Psychrophilic Bacterium <i>Colwellia psychrerythraea</i> Strain 34H. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3771-3779.	1.2	16
66	Getting value from the waste: recombinant production of a sweet protein by <i>Lactococcus lactis</i> grown on cheese whey. <i>Microbial Cell Factories</i> , 2018, 17, 126.	1.9	16
67	Influence of production process design on inclusion bodies protein: the case of an Antarctic flavohemoglobin. <i>Microbial Cell Factories</i> , 2010, 9, 19.	1.9	15
68	A Novel Strategy for the Construction of Genomic Mutants of the Antarctic Bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Methods in Molecular Biology</i> , 2012, 824, 219-233.	0.4	15
69	Cold-adapted bacterial extracts as a source of anti-infective and antimicrobial compounds against <i>Staphylococcus aureus</i> . <i>Future Microbiology</i> , 2019, 14, 1369-1382.	1.0	15
70	Lactoferrin, Quercetin, and Hydroxyapatite Act Synergistically against <i>Pseudomonas fluorescens</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 9247.	1.8	15
71	Structural Characterization of the Core Region of the Lipopolysaccharide from the Haloalkaliphilic <i>Halomonas pantelleriensis</i> : Identification of the Biological O-Antigen Repeating Unit. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 721-728.	1.2	14
72	Regulated Recombinant Protein Production in the Antarctic Bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Methods in Molecular Biology</i> , 2012, 824, 203-218.	0.4	14

#	ARTICLE	IF	CITATIONS
73	Recombinant production of a single-chain antibody fragment in <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 4887-4895.	1.7	14
74	New insights on <i>Pseudoalteromonas haloplanktis</i> TAC125 genome organization and benchmarks of genome assembly applications using next and third generation sequencing technologies. <i>Scientific Reports</i> , 2019, 9, 16444.	1.6	14
75	The complete structure of the core carbohydrate backbone from the LPS of marine halophilic bacterium <i>Pseudoalteromonas carrageenovora</i> type strain IAM 12662T. <i>Carbohydrate Research</i> , 2005, 340, 1475-1482.	1.1	13
76	Draft Genome Sequence of the Volatile Organic Compound-Producing Antarctic Bacterium <i>Arthrobacter</i> sp. Strain TB23, Able To Inhibit Cystic Fibrosis Pathogens Belonging to the <i>Burkholderia cepacia</i> Complex. <i>Journal of Bacteriology</i> , 2012, 194, 6334-6335.	1.0	13
77	Genome-scale phylogenetic and DNA composition analyses of Antarctic <i>Pseudoalteromonas</i> bacteria reveal inconsistencies in current taxonomic affiliation. <i>Hydrobiologia</i> , 2015, 761, 85-95.	1.0	13
78	PhAP protease from <i>Pseudoalteromonas haloplanktis</i> TAC125: Gene cloning, recombinant production in <i>E. coli</i> and enzyme characterization. <i>Polar Science</i> , 2010, 4, 285-294.	0.5	12
79	Role of the tertiary and quaternary structure in the formation of bis-histidyl adducts in cold-adapted hemoglobins. <i>Biochimie</i> , 2012, 94, 953-960.	1.3	12
80	Characterization of the Core Oligosaccharide and the O $\alpha$ -Antigen Biological Repeating Unit from <i>Halomonas stevensii</i> Lipopolysaccharide: The First Case of O $\alpha$ -Antigen Linked to the Inner Core. <i>Chemistry - A European Journal</i> , 2012, 18, 3729-3735.	1.7	12
81	A Semisynthetic Approach to New Immunoadjuvant Candidates: Site-selective Chemical Manipulation of <i>Escherichia coli</i> Monophosphoryl Lipid... <i>Chemistry - A European Journal</i> , 2016, 22, 11053-11063.	1.7	12
82	Bacteriophages Promote Metabolic Changes in Bacteria Biofilm. <i>Microorganisms</i> , 2020, 8, 480.	1.6	12
83	Thermal stabilization of psychrophilic enzymes: A case study of the cold-active hormone-sensitive lipase from <i>Psychrobacter</i> sp. TA144. <i>Biotechnology Progress</i> , 2012, 28, 946-952.	1.3	11
84	The Union Is Strength: The Synergic Action of Long Fatty Acids and a Bacteriophage against <i>Xanthomonas campestris</i> Biofilm. <i>Microorganisms</i> , 2021, 9, 60.	1.6	11
85	Structural determination of the O-deacetylated O-chain of lipopolysaccharide from <i>Burkholderia (Pseudomonas) cepacia</i> strain PVFi-5A. <i>Carbohydrate Research</i> , 1998, 307, 333-341.	1.1	10
86	Antibiofilm Activity of a <i>Trichoderma</i> Metabolite against <i>Xanthomonas campestris</i> pv. <i>campestris</i> , Alone and in Association with a Phage. <i>Microorganisms</i> , 2020, 8, 620.	1.6	10
87	General Secretory Pathway from marine Antarctic <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Marine Genomics</i> , 2008, 1, 123-128.	0.4	9
88	Large-scale biofilm cultivation of Antarctic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125 for physiologic studies and drug discovery. <i>Extremophiles</i> , 2016, 20, 227-234.	0.9	9
89	Improvement of <i>Pseudoalteromonas haloplanktis</i> TAC125 as a Cell Factory: IPTG-Inducible Plasmid Construction and Strain Engineering. <i>Microorganisms</i> , 2020, 8, 1466.	1.6	9
90	Soluble Recombinant Protein Production in <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Methods in Molecular Biology</i> , 2015, 1258, 243-257.	0.4	9

#	ARTICLE	IF	CITATIONS
91	Life in icy habitats: new insights supporting panspermia theory. <i>Rendiconti Lincei</i> , 2011, 22, 375-383.	1.0	8
92	The Lipid A from the Haloalkaliphilic Bacterium <i>Salinivibrio sharmensis</i> Strain BAGT. <i>Marine Drugs</i> , 2013, 11, 184-193.	2.2	8
93	A combined fermentative-chemical approach for the scalable production of pure <i>E. coli</i> monophosphoryl lipid A. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7781-7791.	1.7	8
94	Role of phage $\phi$ 1 in two strains of <i>Salmonella</i> Rissen, sensitive and resistant to phage $\phi$ 1. <i>BMC Microbiology</i> , 2018, 18, 208.	1.3	8
95	PssA is required for $\alpha$ -amylase secretion in Antarctic <i>Pseudoalteromonas haloplanktis</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 211-219.	0.7	7
96	The outer membrane glycolipids of bacteria from cold environments: isolation, characterization, and biological activity. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	7
97	Cnf1 Variants Endowed with the Ability to Cross the Blood-Brain Barrier: A New Potential Therapeutic Strategy for Glioblastoma. <i>Toxins</i> , 2020, 12, 291.	1.5	6
98	Pentadecanal and pentadecanoic acid coatings reduce biofilm formation of <i>Staphylococcus epidermidis</i> on PDMS. <i>Pathogens and Disease</i> , 2020, 78, .	0.8	6
99	Anti-Virulence Activity of the Cell-Free Supernatant of the Antarctic Bacterium <i>Psychrobacter</i> sp. TAE2020 against <i>Pseudomonas aeruginosa</i> Clinical Isolates from Cystic Fibrosis Patients. <i>Antibiotics</i> , 2021, 10, 944.	1.5	6
100	Structural characterization of the core oligosaccharide isolated from the lipopolysaccharide of the haloalkaliphilic bacterium <i>Salinivibrio sharmensis</i> strain BAGT. <i>Carbohydrate Research</i> , 2013, 368, 61-67.	1.1	5
101	Structural characterization of the lipid A from the LPS of the haloalkaliphilic bacterium <i>Halomonas pantelleriensis</i> . <i>Extremophiles</i> , 2016, 20, 687-694.	0.9	5
102	High yield purification and first structural characterization of the full-length bacterial toxin CNF1. <i>Biotechnology Progress</i> , 2018, 34, 150-159.	1.3	5
103	Cell-wall associated polysaccharide from the psychrotolerant bacterium <i>Psychrobacter arcticus</i> 273-4: isolation, purification and structural elucidation. <i>Extremophiles</i> , 2020, 24, 63-70.	0.9	5
104	Modelling hCDKL5 Heterologous Expression in Bacteria. <i>Metabolites</i> , 2021, 11, 491.	1.3	5
105	Title is missing!. <i>Microbial Cell Factories</i> , 2006, 5, P36.	1.9	4
106	Investigating the Role of the Host Multidrug Resistance Associated Protein Transporter Family in <i>Burkholderia cepacia</i> Complex Pathogenicity Using a <i>Caenorhabditis elegans</i> Infection Model. <i>PLoS ONE</i> , 2015, 10, e0142883.	1.1	4
107	Heterologous Protein Expression in <i>Pseudoalteromonas haloplanktis</i> TAC125. , 2017, , 513-525.		4
108	Soluble Recombinant Protein Production in <i>Pseudoalteromonas haloplanktis</i> TAC125: The Case Study of the Full-Length Human CDKL5 Protein. <i>Methods in Molecular Biology</i> , 2022, 2406, 219-232.	0.4	4

#	ARTICLE	IF	CITATIONS
109	The Presence of OMP Inclusion Bodies in a Escherichia coli K-12 Mutated Strain is not Related to Lipopolysaccharide Structure. <i>Journal of Biochemistry</i> , 2009, 146, 231-240.	0.9	3
110	Whole-genome sequencing of <i>Pseudomonas</i> sp. TAE6080, a strain capable of inhibiting <i>Staphylococcus epidermidis</i> biofilm. <i>Marine Genomics</i> , 2021, 60, 100887.	0.4	3
111	Molecular Structure of Lipopolysaccharides of Cold-Adapted Bacteria. , 2017, , 285-303.		3
112	Lipid A structural characterization from the LPS of the Siberian psychro-tolerant <i>Psychrobacter arcticus</i> 273-4 grown at low temperature. <i>Extremophiles</i> , 2018, 22, 955-963.	0.9	2
113	Conditional gene silencing in the Antarctic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Research in Microbiology</i> , 2022, 173, 103939.	1.0	2
114	Caulerpin Mitigates <i>Helicobacter pylori</i> -Induced Inflammation via Formyl Peptide Receptors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13154.	1.8	2
115	Bacteriophage-Resistant <i>Salmonella</i> rissen: An In Vitro Mitigated Inflammatory Response. <i>Viruses</i> , 2021, 13, 2468.	1.5	2
116	Cold-Adapted Esterases and Lipases: A Biodiversity Still Under-Exploited. <i>Current Chemical Biology</i> , 2010, 4, 74-83.	0.2	1
117	Membrane and Extracellular Matrix Glycopolymers of <i>Colwellia psychrerythraea</i> 34H: Structural Changes at Different Growth Temperatures. <i>Frontiers in Microbiology</i> , 2022, 13, 820714.	1.5	1