

Ermenegilda Parrilli

List of Publications by Year in descending order

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117
papers

3,613
citations

147801

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161849

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123
all docs

123
docs citations

123
times ranked

3632
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.9	4
2	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.	3.5	1
3	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.	4.1	22
4	Conditional gene silencing in the Antarctic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Research in Microbiology</i> , 2022, 173, 103939.	2.1	2
5	The art of adapting to extreme environments: The model system <i>Pseudoalteromonas</i> . <i>Physics of Life Reviews</i> , 2021, 36, 137-161.	2.8	53
6	Physicochemical Approach to Understanding the Structure, Conformation, and Activity of Mannan Polysaccharides. <i>Biomacromolecules</i> , 2021, 22, 1445-1457.	5.4	25
7	Modelling hCDKL5 Heterologous Expression in Bacteria. <i>Metabolites</i> , 2021, 11, 491.	2.9	5
8	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.	1.1	3
9	Lactoferrin, Quercetin, and Hydroxyapatite Act Synergistically against <i>Pseudomonas fluorescens</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 9247.	4.1	15
10	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.	3.7	6
11	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.	2.1	17
12	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.	3.6	11
13	Caulerpin Mitigates <i>Helicobacter pylori</i> -Induced Inflammation via Formyl Peptide Receptors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13154.	4.1	2
14	Bacteriophage-Resistant <i>Salmonella</i> rissen: An In Vitro Mitigated Inflammatory Response. <i>Viruses</i> , 2021, 13, 2468.	3.3	2
15	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.	2.3	5
16	Improvement of <i>Pseudoalteromonas haloplanktis</i> TAC125 as a Cell Factory: IPTG-Inducible Plasmid Construction and Strain Engineering. <i>Microorganisms</i> , 2020, 8, 1466.	3.6	9
17	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.	4.1	17
18	An Innovative Approach to Control <i>H. pylori</i> -Induced Persistent Inflammation and Colonization. <i>Microorganisms</i> , 2020, 8, 1214.	3.6	19

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19	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.	3.5	25
20	Cnf1 Variants Endowed with the Ability to Cross the Bloodâ€“Brain Barrier: A New Potential Therapeutic Strategy for Glioblastoma. <i>Toxins</i> , 2020, 12, 291.	3.4	6
21	Pentadecanal and pentadecanoic acid coatings reduce biofilm formation of <i>Staphylococcus epidermidis</i> on PDMS. <i>Pathogens and Disease</i> , 2020, 78, .	2.0	6
22	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.	3.6	10
23	Bacteriophages Promote Metabolic Changes in Bacteria Biofilm. <i>Microorganisms</i> , 2020, 8, 480.	3.6	12
24	The outer membrane glycolipids of bacteria from cold environments: isolation, characterization, and biological activity. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	7
25	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.	3.3	14
26	<p>Biomimetic hydroxyapatite nanocrystals are an active carrier for <i>Salmonella</i> bacteriophages</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2219-2232.	6.7	27
27	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.	2.0	15
28	Environmental conditions shape the biofilm of the Antarctic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Microbiological Research</i> , 2019, 218, 66-75.	5.3	25
29	<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.	3.3	41
30	High yield purification and first structural characterization of the fullâ€“length bacterial toxin CNF1. <i>Biotechnology Progress</i> , 2018, 34, 150-159.	2.6	5
31	Role of phage Î·1 in two strains of <i>Salmonella</i> Rissen, sensitive and resistant to phage Î·1. <i>BMC Microbiology</i> , 2018, 18, 208.	3.3	8
32	Pentadecanal inspired molecules as new anti-biofilm agents against <i>Staphylococcus epidermidis</i> . <i>Biofouling</i> , 2018, 34, 1110-1120.	2.2	19
33	Exopolysaccharides from Marine and Marine Extremophilic Bacteria: Structures, Properties, Ecological Roles and Applications. <i>Marine Drugs</i> , 2018, 16, 69.	4.6	156
34	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.	4.0	16
35	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.	2.3	2
36	The pangenome of (Antarctic) <i>Pseudoalteromonas</i> bacteria: evolutionary and functional insights. <i>BMC Genomics</i> , 2017, 18, 93.	2.8	46

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37	Ecology of cold environments: new insights of bacterial metabolic adaptation through an integrated genomic-phenomic approach. <i>Scientific Reports</i> , 2017, 7, 839.	3.3	65
38	<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.	4.4	23
39	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.	5.4	40
40	Structural characterization of an all-aminosugar-containing capsular polysaccharide from <i>Colwellia psychrerythraea</i> 34H. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 1377-1387.	1.7	26
41	Hydrophobin coating prevents <i>Staphylococcus epidermidis</i> biofilm formation on different surfaces. <i>Biofouling</i> , 2017, 33, 601-611.	2.2	31
42	Unusual Lipid A from a Cold-Adapted Bacterium: Detailed Structural Characterization. <i>ChemBioChem</i> , 2017, 18, 1845-1854.	2.6	21
43	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.	3.6	29
44	Structure-activity relationship of the exopolysaccharide from a psychrophilic bacterium: A strategy for cryoprotection. <i>Carbohydrate Polymers</i> , 2017, 156, 364-371.	10.2	83
45	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.	3.9	46
46	Molecular Structure of Lipopolysaccharides of Cold-Adapted Bacteria. , 2017, , 285-303.		3
47	Heterologous Protein Expression in <i>Pseudoalteromonas haloplanktis</i> TAC125. , 2017, , 513-525.		4
48	A Semisynthetic Approach to New Immunoadjuvant Candidates: Site-Selective Chemical Manipulation of <i>Escherichia coli</i> Monophosphoryl Lipid A. <i>Chemistry - A European Journal</i> , 2016, 22, 11053-11063.	3.3	12
49	Structural characterization of the lipid A from the LPS of the haloalkaliphilic bacterium <i>Halomonas pantelleriensis</i> . <i>Extremophiles</i> , 2016, 20, 687-694.	2.3	5
50	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.	2.3	9
51	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.	4.0	59
52	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.	4.6	20
53	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.	3.5	53
54	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.	2.5	4

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55	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.	2.1	28
56	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.	13.7	78
57	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.	3.6	22
58	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.	2.0	13
59	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.	3.8	53
60	Soluble Recombinant Protein Production in <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Methods in Molecular Biology</i> , 2015, 1258, 243-257.	0.9	9
61	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.	2.3	22
62	Recombinant production of a single-chain antibody fragment in <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 4887-4895.	3.6	14
63	Structural investigation of the antagonist LPS from the cyanobacterium <i>Oscillatoria planktothrix</i> FP1. <i>Carbohydrate Research</i> , 2014, 388, 73-80.	2.3	25
64	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.	3.6	8
65	Anti-biofilm activity of the Antarctic marine bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Research in Microbiology</i> , 2013, 164, 450-456.	2.1	58
66	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.	2.3	5
67	Unconventional microbial systems for the cost-efficient production of high-quality protein therapeutics. <i>Biotechnology Advances</i> , 2013, 31, 140-153.	11.7	116
68	Bioactive volatile organic compounds from Antarctic (sponges) bacteria. <i>New Biotechnology</i> , 2013, 30, 824-838.	4.4	62
69	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.	2.4	16
70	The Lipid A from the Haloalkaliphilic Bacterium <i>Salinivibrio sharmensis</i> Strain BAGT. <i>Marine Drugs</i> , 2013, 11, 184-193.	4.6	8
71	Regulated Recombinant Protein Production in the Antarctic Bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Methods in Molecular Biology</i> , 2012, 824, 203-218.	0.9	14
72	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 Burkholderia cepacia Complex. <i>Journal of Bacteriology</i> , 2012, 194, 6334-6335.	2.2	13

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73	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.	2.6	12
74	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.	0.9	15
75	Thermal stabilization of psychrophilic enzymes: A case study of the cold-sensitive hormone-sensitive lipase from <i>Psychrobacter</i> sp. TA144. <i>Biotechnology Progress</i> , 2012, 28, 946-952.	2.6	11
76	Characterization of the Core Oligosaccharide and the O-Antigen Biological Repeating Unit from <i>Halomonas stevensii</i> Lipopolysaccharide: The First Case of O-Antigen Linked to the Inner Core. <i>Chemistry - A European Journal</i> , 2012, 18, 3729-3735.	3.3	12
77	Life in icy habitats: new insights supporting panspermia theory. <i>Rendiconti Lincei</i> , 2011, 22, 375-383.	2.2	8
78	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.	2.6	46
79	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.	3.3	33
80	Process optimization for recombinant protein production in the psychrophilic bacterium <i>Pseudoalteromonas haloplanktis</i> . <i>Process Biochemistry</i> , 2011, 46, 953-959.	3.7	26
81	The complete structure of the core of the LPS from <i>Plesiomonas shigelloides</i> 302 ⁶⁷³ and the identification of its O-antigen biological repeating unit. <i>Carbohydrate Research</i> , 2010, 345, 2523-2528.	2.3	24
82	Influence of production process design on inclusion bodies protein: the case of an Antarctic flavohemoglobin. <i>Microbial Cell Factories</i> , 2010, 9, 19.	4.0	15
83	Complete Lipooligosaccharide Structure of the Clinical Isolate <i>Acinetobacter baumannii</i> , Strain SMAL. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1345-1352.	2.4	21
84	PssA is required for α -amylase secretion in Antarctic <i>Pseudoalteromonas haloplanktis</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 211-219.	1.8	7
85	Cold-Adapted Esterases and Lipases: A Biodiversity Still Under-Exploited. <i>Current Chemical Biology</i> , 2010, 4, 74-83.	0.5	1
86	Engineering of a psychrophilic bacterium for the bioremediation of aromatic compounds. <i>Bioengineered Bugs</i> , 2010, 1, 213-216.	1.7	34
87	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.	1.2	12
88	The hormone-sensitive lipase from <i>Psychrobacter</i> sp. TA144: New insight in the structural/functional characterization. <i>Biochimie</i> , 2010, 92, 949-957.	2.6	29
89	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.	2.6	33
90	The Presence of OMP Inclusion Bodies in a <i>Escherichia coli</i> K-12 Mutated Strain is not Related to Lipopolysaccharide Structure. <i>Journal of Biochemistry</i> , 2009, 146, 231-240.	1.7	3

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91	Structure of the Core Region from the Lipopolysaccharide of <i>Plesiomonas shigelloides</i> Strain 302 ϵ 73 (Serotype O1). <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1365-1371.	2.4	19
92	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.	3.1	16
93	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.	2.3	85
94	Highly Phosphorylated Core Oligosaccharide Structures from Cold-Adapted <i>Psychromonas arctica</i> . <i>Chemistry - A European Journal</i> , 2008, 14, 9368-9376.	3.3	32
95	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.	2.4	14
96	General Secretory Pathway from marine Antarctic <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Marine Genomics</i> , 2008, 1, 123-128.	1.1	9
97	Protein folding and conformational stress in microbial cells producing recombinant proteins: a host comparative overview. <i>Microbial Cell Factories</i> , 2008, 7, 11.	4.0	269
98	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.	4.0	40
99	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.	2.2	31
100	The truncated hemoglobins in the Antarctic psychrophilic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Gene</i> , 2007, 398, 69-77.	2.2	27
101	Molecular Structure of Endotoxins from Gram-negative Marine Bacteria: An Update. <i>Marine Drugs</i> , 2007, 5, 85-112.	4.6	58
102	Title is missing!. <i>Microbial Cell Factories</i> , 2006, 5, P36.	4.0	4
103	A novel genetic system for recombinant protein secretion in the Antarctic <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Microbial Cell Factories</i> , 2006, 5, 40.	4.0	32
104	Secretion of psychrophilic α -amylase deletion mutants in <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>FEMS Microbiology Letters</i> , 2006, 258, 67-71.	1.8	20
105	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.	2.4	18
106	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.	2.3	13
107	Coping with cold: The genome of the versatile marine Antarctica bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Genome Research</i> , 2005, 15, 1325-1335.	5.5	367
108	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.	2.2	59

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109	The complete structure of the lipooligosaccharide from the halophilic bacterium <i>Pseudoalteromonas issachenkonii</i> KMM 3549T. <i>Carbohydrate Research</i> , 2004, 339, 1985-1993.	2.3	21
110	Secretion of α -Amylase from <i>Pseudoalteromonas haloplanktis</i> TAB23: Two Different Pathways in Different Hosts. <i>Journal of Bacteriology</i> , 2002, 184, 5814-5817.	2.2	36
111	Ammonium hydroxide hydrolysis. <i>Journal of Lipid Research</i> , 2002, 43, 2188-2195.	4.2	88
112	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.	1.6	47
113	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.	2.3	81
114	Identification of novel splice variants of the human catalytic subunit α 2 of cAMP-dependent protein kinase. <i>FEBS Journal</i> , 2001, 268, 5066-5073.	0.2	49
115	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
116	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
117	Structural determination of the O-deacetylated O-chain of lipopolysaccharide from <i>Burkholderia</i> (<i>Pseudomonas</i>) <i>cepacia</i> strain PVFi-5A. <i>Carbohydrate Research</i> , 1998, 307, 333-341.	2.3	10