

# Hyun Park

## List of Publications by Year in descending order

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130  
papers

2,257  
citations

270111

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325983

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130  
docs citations

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times ranked

3672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Diet Analysis of Adelie Penguins ( <i>Pygoscelis adeliae</i> ) in the Ross Sea Using Fecal DNA. <i>Biology</i> , 2022, 11, 182.	1.3	4
2	Phytochemistry and Applications of <i>Cinnamomum camphora</i> Essential Oils. <i>Molecules</i> , 2022, 27, 2695.	1.7	21
3	Application of Dual Metabarcoding Platforms for the Meso- and Macrozooplankton Taxa in the Ross Sea. <i>Genes</i> , 2022, 13, 922.	1.0	1
4	Genomic Survey and Microsatellite Marker Investigation of Patagonian Moray Cod ( <i>Muraenolepis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	1
5	Chromosomal assembly of the Antarctic toothfish (<i>Dissostichus mawsoni</i>) genome using third-generation DNA sequencing and Hi-C technology. <i>Zoological Research</i> , 2021, 42, 124-129.	0.9	17
6	The complete mitochondrial genome of Eaton's skate, <i>Bathyraja eatonii</i> (Rajiformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	1
7	Complete genome sequencing and comparative CAZyme analysis of <i>Rhodococcus</i> sp. PAMC28705 and PAMC28707 provide insight into their biotechnological and phytopathogenic potential. <i>Archives of Microbiology</i> , 2021, 203, 1731-1742.	1.0	5
8	Anti-Inflammatory Effects of Antarctic Lichen <i>Umbilicaria antarctica</i> Methanol Extract in Lipopolysaccharide-Stimulated RAW 264.7 Macrophage Cells and Zebrafish Model. <i>BioMed Research International</i> , 2021, 2021, 1-12.	0.9	16
9	The complete mitochondrial genome of <i>Trematomus loennbergii</i> (Perciformes, Nototheniidae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 1032-1033.	0.2	3
10	Whole genome survey and microsatellite motif identification of <i>Artemia franciscana</i>. <i>Bioscience Reports</i> , 2021, 41, .	1.1	9
11	The ultrastructure of resurrection: Post-diapause development in an Antarctic freshwater copepod. <i>Journal of Structural Biology</i> , 2021, 213, 107705.	1.3	9
12	A computational approach to identify CRISPR-Cas loci in the complete genomes of the lichen-associated <i>Burkholderia</i> sp. PAMC28687 and PAMC26561. <i>Genomics</i> , 2021, 113, 881-888.	1.3	2
13	Complete genome sequence of <i>Arthrobacter</i> sp. PAMC25564 and its comparative genome analysis for elucidating the role of CAZymes in cold adaptation. <i>BMC Genomics</i> , 2021, 22, 403.	1.2	11
14	Evaluation of Two Amendments (Biochar and Acid Mine Drainage Sludge) on Arsenic Contaminated Soil Using Chemical, Biological, and Ecological Assessments. <i>Materials</i> , 2021, 14, 4111.	1.3	0
15	Genome of the Southern Giant Petrel Assembled Using Third-Generation DNA Sequencing and Linked Reads Reveals Evolutionary Traits of Southern Avian. <i>Animals</i> , 2021, 11, 2046.	1.0	1
16	Genome survey and microsatellite motif identification of <i>Pogonophryne albipinna</i>. <i>Bioscience Reports</i> , 2021, 41, .	1.1	9
17	Decomposition of Waste Shells Using Multi-Complex Microorganisms. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2021, 43, 578-590.	0.4	0
18	Sex-Biased Gene Expression and Isoform Profile of Brine Shrimp <i>Artemia franciscana</i> by Transcriptome Analysis. <i>Animals</i> , 2021, 11, 2630.	1.0	4

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19	A First Genome Survey and Genomic SSR Marker Analysis of <i>Trematomus loennbergii</i> Regan, 1913. <i>Animals</i> , 2021, 11, 3186.	1.0	6
20	Application of Soil Washing and Thermal Desorption for Sustainable Remediation and Reuse of Remediated Soil. <i>Sustainability</i> , 2021, 13, 12523.	1.6	10
21	Chromosomal-Level Assembly of Antarctic Scaly Rockcod, <i>Trematomus loennbergii</i> Genome Using Long-Read Sequencing and Chromosome Conformation Capture (Hi-C) Technologies. <i>Diversity</i> , 2021, 13, 668.	0.7	3
22	Poaceae Type II Galactinol Synthase 2 from Antarctic Flowering Plant <i>Deschampsia antarctica</i> and Rice Improves Cold and Drought Tolerance by Accumulation of Raffinose Family Oligosaccharides in Transgenic Rice Plants. <i>Plant and Cell Physiology</i> , 2020, 61, 88-104.	1.5	24
23	Crystal structure of the reactive intermediate/imine deaminase A homolog from the Antarctic bacterium <i>Psychrobacter</i> sp. PAMC 21119. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 585-591.	1.0	7
24	Chromosomal-Level assembly of <i>Takifugu obscurus</i> (Abe, 1949) genome using third-generation DNA sequencing and Hi-C analysis. <i>Molecular Ecology Resources</i> , 2020, 20, 520-530.	2.2	46
25	Comparative Genomic Study of Polar Lichen-Associated <i>Hymenobacter</i> sp. PAMC 26554 and <i>Hymenobacter</i> sp. PAMC 26628 Reveals the Presence of Polysaccharide-Degrading Ability Based on Habitat. <i>Current Microbiology</i> , 2020, 77, 2940-2952.	1.0	6
26	The complete mitochondrial genome of Patagonian moray cod, <i>Muraenolepis orangiensis</i> Vaillant, 1888 (Gadiformes, Muraenolepididae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2707-2708.	0.2	2
27	Anti-inflammatory Effects of <i>Lecania gerlachei</i> Extract Collected from the Antarctic King Sejong Island. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 543-550.	1.4	1
28	Complete genome sequence of <i>Sphingobium</i> sp. strain PAMC 28499 reveals a potential for degrading pectin with comparative genomics approach. <i>Genes and Genomics</i> , 2020, 42, 1087-1096.	0.5	5
29	Anti-inflammatory effects of methanol extracts from the Antarctic lichen, <i>Amandinea</i> sp. in LPS-stimulated raw 264.7 macrophages and zebrafish. <i>Fish and Shellfish Immunology</i> , 2020, 107, 301-308.	1.6	14
30	Changes in Soil Health with Remediation of Petroleum Hydrocarbon Contaminated Soils Using Two Different Remediation Technologies. <i>Sustainability</i> , 2020, 12, 10078.	1.6	5
31	Characterization of complete mitochondrial genome of Pogonophryne albipinna (Perciformes: Tj ETQq1 1 0.784314 rgBT / Overlock 1 0.25 4	0.2	4
32	The complete mitochondrial genome of <i>Macrourus whitsoni</i> (Gadiformes, Macrouridae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2326-2327.	0.2	0
33	The complete mitochondrial genome of the Antarctic marbled rockcod, <i>Notothenia rossii</i> (Perciformes, Nototheniidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2421-2422.	0.2	0
34	The Genome Assembly and Annotation of the Southern Elephant Seal <i>Mirounga leonina</i> . <i>Genes</i> , 2020, 11, 160.	1.0	3
35	Structural and sequence comparisons of bacterial enoyl-CoA isomerase and enoyl-CoA hydratase. <i>Journal of Microbiology</i> , 2020, 58, 606-613.	1.3	3
36	<i>Sandaracinobacter neustonicus</i> sp. nov., isolated from the sea surface microlayer in the Southwestern Pacific Ocean, and emended description of the genus <i>Sandaracinobacter</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4698-4703.	0.8	15

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37	Characterization of Two Self-Sufficient Monooxygenases, CYP102A15 and CYP102A170, as Long-Chain Fatty Acid Hydroxylases. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 777-784.	0.9	1
38	Enzymatic Synthesis of Anabolic Steroid Glycosides by Glucosyltransferase from <i>Terribacillus</i> sp. PAMC 23288. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 604-614.	0.9	2
39	Characterization of CYP125A13, the First Steroid C-27 Monooxygenase from <i>Streptomyces peucetius</i> ATCC27952. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1750-1759.	0.9	1
40	Type II Ice-Binding Proteins Isolated from an Arctic Microalga Are Similar to Adhesin-Like Proteins and Increase Freezing Tolerance in Transgenic Plants. <i>Plant and Cell Physiology</i> , 2019, 60, 2744-2757.	1.5	10
41	Complete genome sequencing of <i>Shigella</i> sp. PAMC 28760: Identification of CAZyme genes and analysis of their potential role in glycogen metabolism for cold survival adaptation. <i>Microbial Pathogenesis</i> , 2019, 137, 103759.	1.3	15
42	Structural and functional characterization of a novel cold-active S-formylglutathione hydrolase (SfSFGH) homolog from <i>Shewanella frigidimarina</i> , a psychrophilic bacterium. <i>Microbial Cell Factories</i> , 2019, 18, 140.	1.9	11
43	De novo Assembly and Annotation of the Blood Transcriptome of the Southern Elephant Seal <i>Mirounga leonina</i> from the South Shetland Islands, Antarctica. <i>Ocean Science Journal</i> , 2019, 54, 307-315.	0.6	3
44	Skin transcriptome profiling reveals the distinctive molecular effects of temperature changes on Antarctic bullhead notothen. <i>Molecular and Cellular Toxicology</i> , 2019, 15, 163-172.	0.8	4
45	Structural basis of small RNA hydrolysis by oligoribonuclease (CpsORN) from <i>Colwellia psycherythraea</i> strain 34H. <i>Scientific Reports</i> , 2019, 9, 2649.	1.6	13
46	Characterization of complete mitochondrial genome and gene organization of sharp-spined notothenia, <i>Trematomus pennellii</i> (Perciformes: Nototheniidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 648-649.	0.2	4
47	Antarctic blackfin icefish genome reveals adaptations to extreme environments. <i>Nature Ecology and Evolution</i> , 2019, 3, 469-478.	3.4	115
48	Effect of growth rate on transcriptomic responses to immune stimulation in wild-type, domesticated, and GH-transgenic coho salmon. <i>BMC Genomics</i> , 2019, 20, 1024.	1.2	11
49	Transcriptome profiling suggests roles of innate immunity and digestion metabolism in purplish Washington clam. <i>Genes and Genomics</i> , 2019, 41, 183-191.	0.5	8
50	Blood transcriptome resources of chinstrap ( <i>Pygoscelis antarcticus</i> ) and gentoo ( <i>Pygoscelis papua</i> ) penguins from the South Shetland Islands, Antarctica. <i>Genomics and Informatics</i> , 2019, 17, e5.	0.4	1
51	Passive warming effect on soil microbial community and humic substance degradation in maritime Antarctic region. <i>Journal of Basic Microbiology</i> , 2018, 58, 513-522.	1.8	15
52	Transcriptome analysis of <i>Pseudomonas</i> sp. from subarctic tundra soil: pathway description and gene discovery for humic acids degradation. <i>Folia Microbiologica</i> , 2018, 63, 315-323.	1.1	6
53	The genome of common long-arm octopus <i>Octopus minor</i> . <i>GigaScience</i> , 2018, 7, .	3.3	43
54	Embryos of an Antarctic zooplankton require anoxia for dormancy, are permeable to lipophilic chemicals, and reside in sediments containing PCBs. <i>Scientific Reports</i> , 2018, 8, 16258.	1.6	7

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55	De novo assembly and annotation of the blood transcriptome of the southern giant petrel <i>Macronectes giganteus</i> from the South Shetland Islands, Antarctica. <i>Marine Genomics</i> , 2018, 42, 63-66.	0.4	2
56	Identification of Rice Genes Associated With Enhanced Cold Tolerance by Comparative Transcriptome Analysis With Two Transgenic Rice Plants Overexpressing DaCBF4 or DaCBF7, Isolated From Antarctic Flowering Plant <i>Deschampsia antarctica</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 601.	1.7	36
57	Comparative transcriptome analysis of field- and chamber-grown samples of <i>Colobanthus quitensis</i> (Kunth) Bartl, an Antarctic flowering plant. <i>Scientific Reports</i> , 2018, 8, 11049.	1.6	27
58	The Complete Plastome Sequence of an Antarctic Bryophyte <i>Sanionia uncinata</i> (Hedw.) Loeske. <i>International Journal of Molecular Sciences</i> , 2018, 19, 709.	1.8	33
59	Draft genome of the Antarctic dragonfish, <i>Parachaenichthys charcoti</i> . <i>GigaScience</i> , 2017, 6, 1-6.	3.3	24
60	Transcriptomic analysis of the hepatopancreas induced by eyestalk ablation in shrimp, <i>Litopenaeus vannamei</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 24, 99-110.	0.4	16
61	Proteomic and transcriptomic investigations on cold-responsive properties of the psychrophilic Antarctic bacterium <i>Psychrobacter</i> sp. PAMC 21119 at subzero temperatures. <i>Environmental Microbiology</i> , 2017, 19, 628-644.	1.8	58
62	First Insights into the Subterranean Crustacean Bathynellacea Transcriptome: Transcriptionally Reduced Opsin Repertoire and Evidence of Conserved Homeostasis Regulatory Mechanisms. <i>PLoS ONE</i> , 2017, 12, e0170424.	1.1	11
63	Characterization of Two Antimicrobial Peptides from Antarctic Fishes ( <i>Notothenia coriiceps</i> and <i>Tj ETQq1</i> ). <i>Journal of Biotechnology</i> , 2017, 230, 28-29.	1.1	19
64	Crystal structure and functional characterization of an isoaspartyl dipeptidase (CpsladA) from <i>Colwellia psychrerythraea</i> strain 34H. <i>PLoS ONE</i> , 2017, 12, e0181705.	1.1	7
65	Metabarcoding analysis of the stomach contents of the Antarctic Toothfish ( <i>Dissostichus</i> ). <i>Journal of Biotechnology</i> , 2017, 230, 28-29.	0.9	35
66	Crystal Structure of Cytochrome P450 (CYP105P2) from <i>Streptomyces peucetius</i> and Its Conformational Changes in Response to Substrate Binding. <i>International Journal of Molecular Sciences</i> , 2016, 17, 813.	1.8	10
67	Crystal Structure of a Putative Cytochrome P450 Alkane Hydroxylase (CYP153D17) from <i>Sphingomonas</i> sp. PAMC 26605 and Its Conformational Substrate Binding. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2067.	1.8	6
68	Structural understanding of the recycling of oxidized ascorbate by dehydroascorbate reductase (OsDHAR) from <i>Oryza sativa</i> L. japonica. <i>Scientific Reports</i> , 2016, 6, 19498.	1.6	45
69	Complete genome sequence of carotenoid-producing <i>Microbacterium</i> sp. strain PAMC28756 isolated from an Antarctic lichen. <i>Journal of Biotechnology</i> , 2016, 226, 18-19.	1.9	27
70	Complete genome sequence of opine-utilizing <i>Variovorax</i> sp. strain PAMC28711 isolated from an Antarctic lichen. <i>Journal of Biotechnology</i> , 2016, 225, 46-47.	1.9	7
71	Complete genome sequence of the crude oil-degrading thermophilic bacterium <i>Geobacillus</i> sp. JS12. <i>Journal of Biotechnology</i> , 2016, 230, 28-29.	1.9	2
72	Complete genome sequence of <i>Fron dih abitans</i> sp. strain PAMC28766, a novel carotenoid-producing and radiation-resistant strain isolated from an Antarctic lichen. <i>Journal of Biotechnology</i> , 2016, 226, 20-21.	1.9	5

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73	Structural characterization of the full-length response regulator spr1814 in complex with a phosphate analogue reveals a novel conformational plasticity of the linker region. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 625-629.	1.0	8
74	Complete genome sequence of the xylan-degrading <i>Mucilaginibacter</i> sp. strain PAMC26640 isolated from an Arctic lichen. <i>Journal of Biotechnology</i> , 2016, 227, 23-24.	1.9	8
75	Complete genome sequence of ionizing radiation-resistant <i>Hymenobacter</i> sp. strain PAMC26628 isolated from an Arctic lichen. <i>Journal of Biotechnology</i> , 2016, 223, 50-51.	1.9	8
76	Complete genome sequence of <i>Hymenobacter</i> sp. strain PAMC26554, an ionizing radiation-resistant bacterium isolated from an Antarctic lichen. <i>Journal of Biotechnology</i> , 2016, 227, 19-20.	1.9	19
77	Crystal structures of aldehyde deformylating oxygenase from <i>Limnothrix</i> sp. KNUA012 and <i>Oscillatoria</i> sp. KNUA011. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 395-400.	1.0	12
78	Biochemical and structural characterization of quinoprotein aldose sugar dehydrogenase from <i>Thermus thermophilus</i> HJ6: Mutational analysis of Tyr156 in the substrate-binding site. <i>Archives of Biochemistry and Biophysics</i> , 2016, 608, 20-26.	1.4	4
79	Structure and catalytic mechanism of monodehydroascorbate reductase, MDHAR, from <i>Oryza sativa</i> L. <i>Scientific Reports</i> , 2016, 6, 33903.	1.6	39
80	Transcriptome analysis of immune response genes induced by pathogen agonists in the Antarctic bullhead notothen <i>Notothenia coriiceps</i> . <i>Fish and Shellfish Immunology</i> , 2016, 55, 315-322.	1.6	18
81	Crystal structure and modeling of the tetrahedral intermediate state of methylmalonate-semialdehyde dehydrogenase (MMSDH) from <i>Oceanimonas doudoroffii</i> . <i>Journal of Microbiology</i> , 2016, 54, 114-121.	1.3	6
82	Complete mitochondrial genome of the Antarctic bullhead notothen, <i>Notothenia coriiceps</i> (Perciformes, Nototheniidae). <i>Mitochondrial DNA</i> , 2016, 27, 1407-1408.	0.6	7
83	Characterization of $N^2$ -acetylglucosaminidase from a marine <i>Pseudoalteromonas</i> sp. for application in $N$ -acetyl-glucosamine production. <i>Preparative Biochemistry and Biotechnology</i> , 2016, 46, 764-771.	1.0	7
84	Complete genome sequence of thiosulfate-oxidizing <i>Bosea</i> sp. strain PAMC26642 isolated from an Arctic lichen. <i>Journal of Biotechnology</i> , 2016, 223, 38-39.	1.9	5
85	Complete genome sequence of <i>Burkholderia</i> sp. strain PAMC28687, a potential octopine-utilizing bacterium isolated from Antarctica lichen. <i>Journal of Biotechnology</i> , 2016, 226, 16-17.	1.9	8
86	Complete genome sequence of <i>Halocynthiibacter arcticus</i> PAMC 20958T from an Arctic marine sediment sample. <i>Journal of Biotechnology</i> , 2016, 224, 12-13.	1.9	6
87	The complete chloroplast genome of Antarctic pearlwort, <i>Colobanthus quitensis</i> (Kunth) Bartl. (Caryophyllaceae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4677-4678.	0.7	11
88	Complete mitochondrial genome of the Antarctic dragonfish, <i>Parachaenichthys charcoti</i> (Notothenioidei: Bathydraconidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3151-3152.	0.7	0
89	<i>Psychroserpens jangbogonensis</i> sp. nov., a psychrophilic bacterium isolated from Antarctic marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 183-188.	0.8	19
90	Isolation and characterization of polymorphic microsatellite loci from the chinstrap penguin, <i>Pygoscelis antarctica</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 561-563.	0.4	1

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91	Complete mitochondrial genome of the Antarctic silverfish, <i>Pleuragramma antarcticum</i> (Perciformes, Nototheniidae). Mitochondrial DNA, 2015, 26, 885-886.	0.6	3
92	Expression, refolding, and characterization of a small laccase from <i>Thermus thermophilus</i> HJ6. Protein Expression and Purification, 2015, 114, 37-43.	0.6	21
93	Structural basis for the ligand-binding specificity of fatty acid-binding proteins (pFABP4 and pFABP5) in gentoo penguin. Biochemical and Biophysical Research Communications, 2015, 465, 12-18.	1.0	9
94	Complete mitochondrial genome of the Antarctic icefish, <i>Chaenocephalus aceratus</i> (Perciformes). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.6	6
95	A transcriptomic analysis of the response of the arctic pteropod <i>Limacina helicina</i> to carbon dioxide-driven seawater acidification. Polar Biology, 2015, 38, 1727-1740.	0.5	33
96	Crystal structure of UbiX, an aromatic acid decarboxylase from the psychrophilic bacterium <i>Colwellia psychrerythraea</i> that undergoes FMN-induced conformational changes. Scientific Reports, 2015, 5, 8196.	1.6	13
97	Constitutive expression of DaCBF7, an Antarctic vascular plant <i>Deschampsia antarctica</i> CBF homolog, resulted in improved cold tolerance in transgenic rice plants. Plant Science, 2015, 236, 61-74.	1.7	87
98	Transcriptome of the Antarctic amphipod <i>Gondogeneia antarctica</i> and its response to pollutant exposure. Marine Genomics, 2015, 24, 253-254.	0.4	7
99	Complete mitochondrial genome of the Antarctic soft-shelled clam, <i>Laternula elliptica</i> (Bivalvia). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62	0.6	8
100	Crystal Structure and Comparative Sequence Analysis of GmhA from <i>Colwellia psychrerythraea</i> Strain 34H Provides Insight into Functional Similarity with DiaA. Molecules and Cells, 2015, 38, 1086-1095.	1.0	9
101	Combined Analysis of the Chloroplast Genome and Transcriptome of the Antarctic Vascular Plant <i>Deschampsia antarctica</i> Desv. PLoS ONE, 2014, 9, e92501.	1.1	39
102	The genome sequence of the Antarctic bullhead notothen reveals evolutionary adaptations to a cold environment. Genome Biology, 2014, 15, 468.	3.8	86
103	Purification, crystallization and preliminary X-ray crystallographic studies of FMN-bound and FMN-free forms of aromatic acid decarboxylase (CpsUbiX) from the psychrophilic bacterium <i>Colwellia psychrerythraea</i> 34H. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 215-220.	0.4	3
104	Crystallization and preliminary X-ray crystallographic studies of dehydroascorbate reductase (DHAR) from <i>Oryza sativa</i> Japonica. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 781-785.	0.4	1
105	Purification, characterization and preliminary X-ray crystallographic studies of monodehydroascorbate reductase from <i>Oryza sativa</i> Japonica. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 1244-1248.	0.4	5
106	Expression analysis of transcripts responsive to osmotic stress in <i>Deschampsia antarctica</i> Desv.. Genes and Genomics, 2014, 36, 283-291.	0.5	4
107	Characterization of Toll-like receptor gene expression and the pathogen agonist response in the antarctic bullhead notothen <i>Notothenia coriiceps</i> . Immunogenetics, 2014, 66, 563-573.	1.2	9
108	Transcriptome information of the Arctic green sea urchin and its use in environmental monitoring. Polar Biology, 2014, 37, 1133-1144.	0.5	4

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109	Transcriptome sequencing of the Antarctic vascular plant <i>Deschampsia antarctica</i> Desv. under abiotic stress. <i>Planta</i> , 2013, 237, 823-836.	1.6	44
110	The structure of a shellfish specific GST class glutathione S-transferase from antarctic bivalve <i>Laternula elliptica</i> reveals novel active site architecture. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 531-537.	1.5	3
111	Transcription factor profile analysis of the Antarctic vascular plant <i>Deschampsia antarctica</i> Desv. ( <i>Poaceae</i> ). <i>Genes and Genomics</i> , 2013, 35, 575-586.	0.5	8
112	Advantages of Single-Molecule Real-Time Sequencing in High-GC Content Genomes. <i>PLoS ONE</i> , 2013, 8, e68824.	1.1	77
113	Genome Sequence of <i>Sphingomonas</i> sp. Strain PAMC 26605, Isolated from Arctic Lichen ( <i>Ochrolechia</i> ) Tj ETQq1 1 0,784314 rgBT /Over	1.0	16
114	Transcriptomics and Comparative Analysis of Three Antarctic Notothenioid Fishes. <i>PLoS ONE</i> , 2012, 7, e43762.	1.1	85
115	Complete mitochondrial genome of the Antarctic amphipod <i>Gondogeneia antarctica</i> (Crustacea,) Tj ETQq1 1 0,784314 rgBT /Over	0.6	15
116	Molecular and comparative analyses of type IV antifreeze proteins (AFPIVs) from two Antarctic fishes, <i>Pleuragramma antarcticum</i> and <i>Notothenia coriiceps</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 159, 197-205.	0.7	16
117	In situ stabilization of arsenic and metal-contaminated agricultural soil using industrial by-products. <i>Geoderma</i> , 2011, 161, 1-7.	2.3	130
118	Polychlorinated biphenyl congeners in soils and lichens from King George Island, South Shetland Islands, Antarctica. <i>Antarctic Science</i> , 2010, 22, 31.	0.5	38
119	Short Note: Polychlorinated biphenyl congeners in Antarctic biota from the Barton Peninsula, King George Island. <i>Antarctic Science</i> , 2010, 22, 283-284.	0.5	4
120	An extracellular ice-binding glycoprotein from an Arctic psychrophilic yeast. <i>Cryobiology</i> , 2010, 60, 222-228.	0.3	99
121	Molecular cloning and thermal stress-induced expression of a pi-class glutathione S-transferase (GST) in the Antarctic bivalve <i>Laternula elliptica</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2009, 152, 207-213.	0.8	54
122	Molecular characterization and induction of heat shock protein 90 in the Antarctic bivalve <i>Laternula elliptica</i> . <i>Cell Stress and Chaperones</i> , 2009, 14, 363-370.	1.2	23
123	Glutathione S-transferase as a biomarker in the Antarctic bivalve <i>Laternula elliptica</i> after exposure to the polychlorinated biphenyl mixture Aroclor 1254. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 150, 528-536.	1.3	23
124	Molecular cloning, characterization, and the response of manganese superoxide dismutase from the Antarctic bivalve <i>Laternula elliptica</i> to PCB exposure. <i>Fish and Shellfish Immunology</i> , 2009, 27, 522-528.	1.6	30
125	Crystallization and preliminary X-ray crystallographic studies of the Î-class glutathioneS-transferase from the Antarctic clam <i>Laternula elliptica</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 1132-1134.	0.7	4
126	Analysis of ESTs and expression of two peroxiredoxins in the thermally stressed Antarctic bivalve <i>Laternula elliptica</i> . <i>Fish and Shellfish Immunology</i> , 2008, 25, 550-559.	1.6	43



#	ARTICLE	IF	CITATIONS
127	Response of antioxidant defence systems to thermal stress in the Antarctic clam <i>Laternula elliptica</i> . <i>Antarctic Science</i> , 2008, 20, 521-526.	0.5	14
128	Isolation and spectral characterization of cadmium binding metallothionein. <i>Antarctic Science</i> , 2008, 20, 33-37.	0.5	2
129	Expression of heat shock protein 70 in the thermally stressed Antarctic clam <i>Laternula elliptica</i> . <i>Cell Stress and Chaperones</i> , 2007, 12, 275.	1.2	63
130	Cloning, expression and characterization of metallothionein from the Antarctic clam <i>Laternula elliptica</i> . <i>Protein Expression and Purification</i> , 2007, 52, 82-88.	0.6	31