

Oddur Æ Vilhelmsson

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

710
citations

686830

13
h-index

676716

22
g-index

35
all docs

35
docs citations

35
times ranked

882
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic sensitivity to dietary manipulations in rainbow trout. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003, 1651, 17-29.	1.1	149
2	Dietary plant-protein substitution affects hepatic metabolism in rainbow trout (<i>Oncorhynchus tshawytscha</i>). <i>Journal of Herpetology</i> , 2010, 44, 50-57.	1.2	136
3	Analysis of the <i>Peltigera membranacea</i> metagenome indicates that lichen-associated bacteria are involved in phosphate solubilization. <i>Microbiology (United Kingdom)</i> , 2015, 161, 989-996.	0.7	54
4	The state of enzyme biotechnology in the fish processing industry. <i>Trends in Food Science and Technology</i> , 1997, 8, 266-270.	7.8	42
5	Synthesis of Pyruvate Dehydrogenase in <i>Staphylococcus aureus</i> Is Stimulated by Osmotic Stress. <i>Applied and Environmental Microbiology</i> , 2002, 68, 2353-2358.	1.4	39
6	Novel bacteria associated with Arctic seashore lichens have potential roles in nutrient scavenging. <i>Canadian Journal of Microbiology</i> , 2014, 60, 307-317.	0.8	35
7	Nutrient scavenging activity and antagonistic factors of non-photobiont lichen-associated bacteria: a review. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 68.	1.7	27
8	Humectant Permeability Influences Growth and Compatible Solute Uptake by <i>Staphylococcus aureus</i> Subjected to Osmotic Stress. <i>Journal of Food Protection</i> , 2002, 65, 1008-1015.	0.8	26
9	Selective isolation of potentially phosphate-mobilizing, biosurfactant-producing and biodegradative bacteria associated with a sub-Arctic, terricolous lichen, <i>Peltigera membranacea</i> . <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw090.	1.3	25
10	Extremely halotolerant bacteria characteristic of fully cured and dried cod. <i>International Journal of Food Microbiology</i> , 1997, 36, 163-170.	2.1	24
11	Effects of Growth at Low Water Activity on the Thermal Tolerance of <i>Staphylococcus aureus</i> . <i>Journal of Food Protection</i> , 2000, 63, 1277-1281.	0.8	23
12	Long-term warming effects on the microbiome and <i>nifH</i> gene abundance of a common moss species in sub-Arctic tundra. <i>New Phytologist</i> , 2022, 234, 2044-2056.	3.5	23
13	Isolation and characterization of moderately halophilic bacteria from fully cured salted cod (bachalao). <i>Journal of Applied Bacteriology</i> , 1996, 81, 95-103.	1.1	16
14	The natural and anthropogenic microbiota of Glerfj, a sub-arctic river in northeastern Iceland. <i>International Biodeterioration and Biodegradation</i> , 2013, 84, 192-203.	1.9	12
15	Proteome analysis of abundant proteins in two age groups of early Atlantic cod (<i>Gadus morhua</i>) larvae. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2008, 3, 243-250.	0.4	11
16	The Total and Active Bacterial Community of the Chlorolichen <i>Cetraria islandica</i> and Its Response to Long-Term Warming in Sub-Arctic Tundra. <i>Frontiers in Microbiology</i> , 2020, 11, 540404.	1.5	11
17	Bioprospecting a glacial river in Iceland for bacterial biopolymer degraders. <i>Cold Regions Science and Technology</i> , 2013, 96, 86-95.	1.6	10
18	Are lichens potential natural reservoirs for plant pathogens?. <i>Molecular Plant Pathology</i> , 2016, 17, 143-145.	2.0	7

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19	Gas seepage pockmark microbiomes suggest the presence of sedimentary coal seams in the Á–xarfjÁrÁ°ur graben of northeastern Iceland. Canadian Journal of Microbiology, 2020, 66, 25-38.	0.8	6
20	Pseudomonas syringae on Plants in Iceland Has Likely Evolved for Several Million Years Outside the Reach of Processes That Mix This Bacterial Complex across Earthâ€™s Temperate Zones. Pathogens, 2022, 11, 357.	1.2	6
21	Proteomics: Methodology and Application in Fish Processing. , 0, , 401-422.		3
22	J.N. Stokland, J. Siitonen and B.G. Jonsson, Biodiversity in Dead Wood (Cambridge, UK: Cambridge) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50		2
23	A Study in Blue: Secondary Copperâ€™Rich Minerals and Their Associated Bacterial Diversity in Icelandic Lava Tubes. Earth and Space Science, 2022, 9, .	1.1	2
24	Exploration of Social Spreading Reveals That This Behavior Is Prevalent among <i>Pedobacter</i> and <i>Pseudomonas fluorescens</i> Isolates and That There Are Variations in the Induction of the Phenotype. Applied and Environmental Microbiology, 2021, 87, e0134421.	1.4	0
25	9 Bioremediative potential of bacteria in cold desert environments. , 2020, , 231-242.		0