

ViggÃ³ Thor Marteinsson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1600583/publications.pdf>

Version: 2024-02-01

58
papers

2,418
citations

236925

25
h-index

214800

47
g-index

59
all docs

59
docs citations

59
times ranked

3480
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodothermus bifroesti sp. nov., a thermophilic bacterium isolated from the basaltic subsurface of the volcanic island Surtsey. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	1.7	5
2	Culturable Bacterial Diversity from the Basaltic Subsurface of the Young Volcanic Island of Surtsey, Iceland. Microorganisms, 2022, 10, 1177.	3.6	1
3	Taxonomic and functional analyses of intact microbial communities thriving in extreme, astrobiology-relevant, anoxic sites. Microbiome, 2021, 9, 50.	11.1	14
4	A total of 219 metagenome-assembled genomes of microorganisms from Icelandic marine waters. PeerJ, 2021, 9, e11112.	2.0	11
5	Impact of onboard chitosan treatment of whole cod (Gadus morhua) on the shelf life and spoilage bacteria of loins stored superchilled under different atmospheres. Food Microbiology, 2021, 97, 103723.	4.2	13
6	Basalt-Hosted Microbial Communities in the Subsurface of the Young Volcanic Island of Surtsey, Iceland. Frontiers in Microbiology, 2021, 12, 728977.	3.5	6
7	Genome analysis of sponge symbiont <i>Candidatus</i> Halichondribacter symbioticus TM shows genomic adaptation to a host-dependent lifestyle. Environmental Microbiology, 2020, 22, 483-498.	3.8	20
8	Comparison of the gut microbiota in the groundwater amphipod Crangonyx islandicus Svavarsson & Kristjánsson, 2006 (Amphipoda: Crangonyctidae) to biofilms in its spring-source habitat. Journal of Crustacean Biology, 2020, 40, 657-667.	0.8	1
9	Impact of Simulated Martian Conditions on (Facultatively) Anaerobic Bacterial Strains from Different Mars Analogue Sites. Current Issues in Molecular Biology, 2020, 38, 103-122.	2.4	12
10	Ciliate diversity in cold water spring sources in Iceland. Aquatic Microbial Ecology, 2020, 84, 191-203.	1.8	0
11	Co-cultivation of the marine sponge Halichondria panicea and its associated microorganisms. Scientific Reports, 2019, 9, 10403.	3.3	19
12	Bacterial diversity in Icelandic cold spring sources and in relation to the groundwater amphipod Crangonyx islandicus. PLoS ONE, 2019, 14, e0222527.	2.5	9
13	Sample Collection and Return from Mars: Optimising Sample Collection Based on the Microbial Ecology of Terrestrial Volcanic Environments. Space Science Reviews, 2019, 215, 1.	8.1	6
14	Microbial Markers Profile in Anaerobic Mars Analogue Environments Using the LDChip (Life Detector) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 7, 365.	3.6	16
15	Bacterial diversity in the marine sponge <i>Halichondria panicea</i> from Icelandic waters and host-specificity of its dominant symbiont <i>Candidatus</i> Halichondribacter symbioticus TM . FEMS Microbiology Ecology, 2019, 95, .	2.7	46
16	Pelagibaculum spongiae gen. nov., sp. nov., isolated from a marine sponge in South-West Iceland. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2129-2134.	1.7	8
17	Anaerobic microorganisms in astrobiological analogue environments: from field site to culture collection. International Journal of Astrobiology, 2018, 17, 314-328.	1.6	21
18	Beyond Chloride Brines: Variable Metabolomic Responses in the Anaerobic Organism Yersinia intermedia MASE-LG-1 to NaCl and MgSO4 at Identical Water Activity. Frontiers in Microbiology, 2018, 9, 335.	3.5	7

#	ARTICLE	IF	CITATIONS
19	Redescription of <i>Dexiotricha colpidiopsis</i> (Kahl, 1926) Jankowski, 1964 (Ciliophora, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 74711 Protozoologica, 2018, 57, 95-106.	0.5	3
20	Thermoactinoamide A, an Antibiotic Lipophilic Cyclopeptide from the Icelandic Thermophilic Bacterium <i>Thermoactinomyces vulgaris</i> . Journal of Natural Products, 2017, 80, 2530-2535.	3.0	33
21	Biotechnological Potential of Cold Adapted <i>Pseudoalteromonas</i> spp. Isolated from "Deep Sea" Sponges. Marine Drugs, 2017, 15, 184.	4.6	20
22	The responses of an anaerobic microorganism, <i>Yersinia intermedia</i> MASE-LG-1 to individual and combined simulated Martian stresses. PLoS ONE, 2017, 12, e0185178.	2.5	17
23	Influence of Thawing Methods and Storage Temperatures on Bacterial Diversity, Growth Kinetics, and Biogenic Amine Development in Atlantic Mackerel. Journal of Food Protection, 2016, 79, 1929-1937.	1.7	4
24	Exploring the Microbiology of the Deep Sea. , 2016, , 227-249.		0
25	Microbial colonization in diverse surface soil types in Surtsey and diversity analysis of its subsurface microbiota. Biogeosciences, 2015, 12, 1191-1203.	3.3	20
26	The ocean sampling day consortium. GigaScience, 2015, 4, 27.	6.4	185
27	Genome expression of <i>Thermococcus barophilus</i> and <i>Thermococcus kodakarensis</i> in response to different hydrostatic pressure conditions. Research in Microbiology, 2015, 166, 717-725.	2.1	40
28	The founding charter of the Genomic Observatories Network. GigaScience, 2014, 3, 2.	6.4	51
29	Microbial Community Structures of Novel Icelandic Hot Spring Systems Revealed by PhyloChip G3 Analysis. Astrobiology, 2014, 14, 229-240.	3.0	16
30	Pioneer Microbial Communities of the FimmvÃ¶rhÃ¶ls Lava Flow, EyjafjallajÃ¶kull, Iceland. Microbial Ecology, 2014, 68, 504-518.	2.8	48
31	Microbial communities in the subglacial waters of the VatnajÃ¶kull ice cap, Iceland. ISME Journal, 2013, 7, 427-437.	9.8	60
32	A Laboratory of Extremophiles: Iceland Coordination Action for Research Activities on Life in Extreme Environments (CAREX) Field Campaign. Life, 2013, 3, 211-233.	2.4	6
33	<i>Actinobacteria</i> "An Ancient Phylum Active in Volcanic Rock Weathering. Geomicrobiology Journal, 2013, 30, 706-720.	2.0	65
34	Microbiological Analysis in Three Diverse Natural Geothermal Bathing Pools in Iceland. International Journal of Environmental Research and Public Health, 2013, 10, 1085-1099.	2.6	10
35	Isolation and characterization of an antigen from the fish pathogen <i>Moritella viscosa</i> . Journal of Applied Microbiology, 2011, 111, 17-25.	3.1	10
36	Bacterial Diversity of Terrestrial Crystalline Volcanic Rocks, Iceland. Microbial Ecology, 2011, 62, 69-79.	2.8	51

#	ARTICLE	IF	CITATIONS
37	Complete Genome Sequence of the Hyperthermophilic, Piezophilic, Heterotrophic, and Carboxydophilic Archaeon <i>Thermococcus barophilus</i> MP. <i>Journal of Bacteriology</i> , 2011, 193, 1481-1482.	2.2	54
38	Following the Kinetics: Iron-Oxidizing Microbial Mats in Cold Icelandic Volcanic Habitats and Their Rock-Associated Carbonaceous Signature. <i>Astrobiology</i> , 2011, 11, 679-694.	3.0	21
39	Bacterial Diversity of Weathered Terrestrial Icelandic Volcanic Glasses. <i>Microbial Ecology</i> , 2010, 60, 740-752.	2.8	66
40	Identifying Fishes through DNA Barcodes and Microarrays. <i>PLoS ONE</i> , 2010, 5, e12620.	2.5	145
41	<i>Rhodothermus profundus</i> sp. nov., a thermophilic bacterium isolated from a deep-sea hydrothermal vent in the Pacific Ocean. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2729-2734.	1.7	51
42	Bacterial composition and succession during storage of North-Atlantic cod (<i>Gadus morhua</i>) at superchilled temperatures. <i>BMC Microbiology</i> , 2009, 9, 250.	3.3	56
43	An oligarchic microbial assemblage in the anoxic bottom waters of a volcanic subglacial lake. <i>ISME Journal</i> , 2009, 3, 486-497.	9.8	79
44	Comparison of <i>Campylobacter</i> fla-SVR genotypes isolated from humans and poultry in three European regions. <i>Letters in Applied Microbiology</i> , 2009, 49, 388-395.	2.2	22
45	Bacteria in Weathered Basaltic Glass, Iceland. <i>Geomicrobiology Journal</i> , 2009, 26, 491-507.	2.0	78
46	Rapid quantitative monitoring method for the fish spoilage bacteria <i>Pseudomonas</i> . <i>Journal of Environmental Monitoring</i> , 2008, 10, 1357.	2.1	25
47	Cloning, expression, and characterization of a highly thermostable family 18 chitinase from <i>Rhodothermus marinus</i> . <i>Extremophiles</i> , 2005, 9, 53-64.	2.3	48
48	Investigation of the Microbial Ecology of Intertidal Hot Springs by Using Diversity Analysis of 16S rRNA and Chitinase Genes. <i>Applied and Environmental Microbiology</i> , 2005, 71, 2771-2776.	3.1	80
49	Use of low nutrient enrichments to access novel amylase genes in silent diversity of thermophiles. <i>World Journal of Microbiology and Biotechnology</i> , 2004, 20, 801-809.	3.6	24
50	<i>Marinitoga piezophila</i> sp. nov., a rod-shaped, thermo-piezophilic bacterium isolated under high hydrostatic pressure from a deep-sea hydrothermal vent.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1331-1339.	1.7	98
51	Biogenic Saponite from an Active Submarine Hot Spring, Iceland. <i>Clays and Clay Minerals</i> , 2002, 50, 174-185.	1.3	49
52	Discovery and Description of Giant Submarine Smectite Cones on the Seafloor in Eyjafjordur, Northern Iceland, and a Novel Thermal Microbial Habitat. <i>Applied and Environmental Microbiology</i> , 2001, 67, 827-833.	3.1	89
53	Characterization of alanine and malate dehydrogenases from a marine psychrophile strain PA-43. <i>Extremophiles</i> , 2001, 5, 199-211.	2.3	15
54	Phylogenetic Diversity Analysis of Subterranean Hot Springs in Iceland. <i>Applied and Environmental Microbiology</i> , 2001, 67, 4242-4248.	3.1	113

#	ARTICLE	IF	CITATIONS
55	<i>Thermococcus barophilus</i> sp. nov., a new barophilic and hyperthermophilic archaeon isolated under high hydrostatic pressure from a deep-sea hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 1999, 49, 351-359.	1.7	184
56	Prokaryotes living under elevated hydrostatic pressure. <i>Advances in Biochemical Engineering/Biotechnology</i> , 1998, , 23-35.	1.1	15
57	In situ enrichment and isolation of thermophilic microorganisms from deep-sea vent environments. <i>Canadian Journal of Microbiology</i> , 1997, 43, 694-697.	1.7	26
58	<i>Pyrococcus abyssi</i> sp. nov., a new hyperthermophilic archaeon isolated from a deep-sea hydrothermal vent. <i>Archives of Microbiology</i> , 1993, 160, 338.	2.2	226