

# 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	<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
2	The ocean sampling day consortium. <i>GigaScience</i> , 2015, 4, 27.	6.4	185
3	<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
4	Identifying Fishes through DNA Barcodes and Microarrays. <i>PLoS ONE</i> , 2010, 5, e12620.	2.5	145
5	Phylogenetic Diversity Analysis of Subterranean Hot Springs in Iceland. <i>Applied and Environmental Microbiology</i> , 2001, 67, 4242-4248.	3.1	113
6	<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
7	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
8	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
9	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
10	Bacteria in Weathered Basaltic Glass, Iceland. <i>Geomicrobiology Journal</i> , 2009, 26, 491-507.	2.0	78
11	Bacterial Diversity of Weathered Terrestrial Icelandic Volcanic Glasses. <i>Microbial Ecology</i> , 2010, 60, 740-752.	2.8	66
12	Actinobacteria: An Ancient Phylum Active in Volcanic Rock Weathering. <i>Geomicrobiology Journal</i> , 2013, 30, 706-720.	2.0	65
13	Microbial communities in the subglacial waters of the Vatnajökull ice cap, Iceland. <i>ISME Journal</i> , 2013, 7, 427-437.	9.8	60
14	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
15	Complete Genome Sequence of the Hyperthermophilic, Piezophilic, Heterotrophic, and Carboxydrotrophic Archaeon <i>Thermococcus barophilus</i> MP. <i>Journal of Bacteriology</i> , 2011, 193, 1481-1482.	2.2	54
16	<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
17	Bacterial Diversity of Terrestrial Crystalline Volcanic Rocks, Iceland. <i>Microbial Ecology</i> , 2011, 62, 69-79.	2.8	51
18	The founding charter of the Genomic Observatories Network. <i>GigaScience</i> , 2014, 3, 2.	6.4	51

#	ARTICLE	IF	CITATIONS
19	Biogenic Saponite from an Active Submarine Hot Spring, Iceland. <i>Clays and Clay Minerals</i> , 2002, 50, 174-185.	1.3	49
20	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
21	Pioneer Microbial Communities of the Fimmvörðuháls Lava Flow, Eyjafjallajökull, Iceland. <i>Microbial Ecology</i> , 2014, 68, 504-518.	2.8	48
22	Bacterial diversity in the marine sponge <i>Halichondria panicea</i> from Icelandic waters and host-specificity of its dominant symbiont <i>Candidatus Halichondribacter symbioticus</i> . <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	46
23	Genome expression of <i>Thermococcus barophilus</i> and <i>Thermococcus kodakarensis</i> in response to different hydrostatic pressure conditions. <i>Research in Microbiology</i> , 2015, 166, 717-725.	2.1	40
24	Thermoactinoamide A, an Antibiotic Lipophilic Cyclopeptide from the Icelandic Thermophilic Bacterium <i>Thermoactinomyces vulgaris</i> . <i>Journal of Natural Products</i> , 2017, 80, 2530-2535.	3.0	33
25	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
26	Rapid quantitative monitoring method for the fish spoilage bacteria <i>Pseudomonas</i> . <i>Journal of Environmental Monitoring</i> , 2008, 10, 1357.	2.1	25
27	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
28	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
29	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
30	Anaerobic microorganisms in astrobiological analogue environments: from field site to culture collection. <i>International Journal of Astrobiology</i> , 2018, 17, 314-328.	1.6	21
31	Microbial colonization in diverse surface soil types in Surtsey and diversity analysis of its subsurface microbiota. <i>Biogeosciences</i> , 2015, 12, 1191-1203.	3.3	20
32	Biotechnological Potential of Cold Adapted <i>Pseudoalteromonas</i> spp. Isolated from "Deep Sea" Sponges. <i>Marine Drugs</i> , 2017, 15, 184.	4.6	20
33	Genome analysis of sponge symbiont <i>Candidatus Halichondribacter symbioticus</i> shows genomic adaptation to a host-dependent lifestyle. <i>Environmental Microbiology</i> , 2020, 22, 483-498.	3.8	20
34	Co-cultivation of the marine sponge <i>Halichondria panicea</i> and its associated microorganisms. <i>Scientific Reports</i> , 2019, 9, 10403.	3.3	19
35	The responses of an anaerobic microorganism, <i>Yersinia intermedia</i> MASE-LG-1 to individual and combined simulated Martian stresses. <i>PLoS ONE</i> , 2017, 12, e0185178.	2.5	17
36	Microbial Community Structures of Novel Icelandic Hot Spring Systems Revealed by PhyloChip G3 Analysis. <i>Astrobiology</i> , 2014, 14, 229-240.	3.0	16

#	ARTICLE	IF	CITATIONS
37	Microbial Markers Profile in Anaerobic Mars Analogue Environments Using the LDChip (Life Detector) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 67 Td (Oligochaeta) <i>Journal of Microbiology</i> , 2018, 7, 365.	3.6	16
38	Prokaryotes living under elevated hydrostatic pressure. <i>Advances in Biochemical Engineering/Biotechnology</i> , 1998, , 23-35.	1.1	15
39	Characterization of alanine and malate dehydrogenases from a marine psychrophile strain PA-43. <i>Extremophiles</i> , 2001, 5, 199-211.	2.3	15
40	Taxonomic and functional analyses of intact microbial communities thriving in extreme, astrobiology-relevant, anoxic sites. <i>Microbiome</i> , 2021, 9, 50.	11.1	14
41	Impact of onboard chitosan treatment of whole cod ( <i>Gadus morhua</i> ) on the shelf life and spoilage bacteria of loins stored superchilled under different atmospheres. <i>Food Microbiology</i> , 2021, 97, 103723.	4.2	13
42	Impact of Simulated Martian Conditions on (Facultatively) Anaerobic Bacterial Strains from Different Mars Analogue Sites. <i>Current Issues in Molecular Biology</i> , 2020, 38, 103-122.	2.4	12
43	A total of 219 metagenome-assembled genomes of microorganisms from Icelandic marine waters. <i>PeerJ</i> , 2021, 9, e11112.	2.0	11
44	Isolation and characterization of an antigen from the fish pathogen <i>Moritella viscosa</i> . <i>Journal of Applied Microbiology</i> , 2011, 111, 17-25.	3.1	10
45	Microbiological Analysis in Three Diverse Natural Geothermal Bathing Pools in Iceland. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 1085-1099.	2.6	10
46	Bacterial diversity in Icelandic cold spring sources and in relation to the groundwater amphipod <i>Cragonyx islandicus</i> . <i>PLoS ONE</i> , 2019, 14, e0222527.	2.5	9
47	<i>Pelagibaculum spongiae</i> gen. nov., sp. nov., isolated from a marine sponge in South-West Iceland. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2129-2134.	1.7	8
48	Beyond Chloride Brines: Variable Metabolomic Responses in the Anaerobic Organism <i>Yersinia intermedia</i> MASE-LG-1 to NaCl and MgSO <sub>4</sub> at Identical Water Activity. <i>Frontiers in Microbiology</i> , 2018, 9, 335.	3.5	7
49	A Laboratory of Extremophiles: Iceland Coordination Action for Research Activities on Life in Extreme Environments (CAREX) Field Campaign. <i>Life</i> , 2013, 3, 211-233.	2.4	6
50	Sample Collection and Return from Mars: Optimising Sample Collection Based on the Microbial Ecology of Terrestrial Volcanic Environments. <i>Space Science Reviews</i> , 2019, 215, 1.	8.1	6
51	Basalt-Hosted Microbial Communities in the Subsurface of the Young Volcanic Island of Surtsey, Iceland. <i>Frontiers in Microbiology</i> , 2021, 12, 728977.	3.5	6
52	<i>Rhodothermus bifroesti</i> sp. nov., a thermophilic bacterium isolated from the basaltic subsurface of the volcanic island Surtsey. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	5
53	Influence of Thawing Methods and Storage Temperatures on Bacterial Diversity, Growth Kinetics, and Biogenic Amine Development in Atlantic Mackerel. <i>Journal of Food Protection</i> , 2016, 79, 1929-1937.	1.7	4
54	Redescription of <i>Dexiotricha colpidiopsis</i> (Kahl, 1926) Jankowski, 1964 (Ciliophora,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Oligochaeta) <i>Protozoologica</i> , 2018, 57, 95-106.	0.5	3

#	ARTICLE	IF	CITATIONS
55	Comparison of the gut microbiota in the groundwater amphipod <i>Crangonyx islandicus</i> Svavarsson & Kristjánsson, 2006 (Amphipoda: Crangonyctidae) to biofilms in its spring-source habitat. <i>Journal of Crustacean Biology</i> , 2020, 40, 657-667.	0.8	1
56	Culturable Bacterial Diversity from the Basaltic Subsurface of the Young Volcanic Island of Surtsey, Iceland. <i>Microorganisms</i> , 2022, 10, 1177.	3.6	1
57	Exploring the Microbiology of the Deep Sea. , 2016, , 227-249.		0
58	Ciliate diversity in cold water spring sources in Iceland. <i>Aquatic Microbial Ecology</i> , 2020, 84, 191-203.	1.8	0