

Chung Yeon Hwang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2327804/publications.pdf>

Version: 2024-02-01

62
papers

1,935
citations

318942

23
h-index

312153

41
g-index

63
all docs

63
docs citations

63
times ranked

3223
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Hymenobacter siberiensis</i> sp. nov., isolated from a marine sediment of the East Siberian Sea and <i>Hymenobacter psoromatis</i> sp. nov., isolated from an Antarctic lichen. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	14
2	Complete Genome Sequence of <i>Sulfitobacter</i> Phage ϕ GT1, Isolated from a Tidal Flat. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	2
3	Variability in high-salinity shelf water production in the Terra Nova Bay polynya, Antarctica. <i>Ocean Science</i> , 2020, 16, 373-388.	1.3	24
4	<i>Pseudomonas neustonica</i> sp. nov., isolated from the sea surface microlayer of the Ross Sea (Antarctica). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 3832-3838.	0.8	19
5	<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
6	Arctic Primary Aerosol Production Strongly Influenced by Riverine Organic Matter. <i>Environmental Science & Technology</i> , 2019, 53, 8621-8630.	4.6	21
7	Microbial Fe(III) reduction as a potential iron source from Holocene sediments beneath Larsen Ice Shelf. <i>Nature Communications</i> , 2019, 10, 5786.	5.8	11
8	<i>Shewanella psychromarinicola</i> sp. nov., a psychrophilic bacterium isolated from pelagic sediment of the Ross Sea (Antarctica), and reclassification of <i>Shewanella arctica</i> Kim et al. 2012 as a later heterotypic synonym of <i>Shewanella frigidimarina</i> Bowman et al. 1997. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2415-2423.	0.8	13
9	<i>Lichenihabitans psoromatis</i> gen. nov., sp. nov., a member of a novel lineage (Lichenihabitaceae fam.) Tj ETQq1 1 0.784314 rgBT /O... <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3837-3842.	0.8	26
10	Effects of heavy rainfall on the composition of airborne bacterial communities. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1.	3.3	20
11	Genomic Insight Into the Predominance of Candidate Phylum Atribacteria JS1 Lineage in Marine Sediments. <i>Frontiers in Microbiology</i> , 2018, 9, 2909.	1.5	35
12	Complete genome of streamlined marine actinobacterium <i>Pontimonas salivibrio</i> strain CL-TW6T adapted to coastal planktonic lifestyle. <i>BMC Genomics</i> , 2018, 19, 625.	1.2	10
13	Prokaryotic community composition in alkaline-fermented skate (<i>Raja</i> \hat{A} <i>pulchra</i>). <i>Food Microbiology</i> , 2017, 61, 72-82.	2.1	19
14	The influence of the Drygalski Ice Tongue on the local ocean. <i>Annals of Glaciology</i> , 2017, 58, 51-59.	2.8	23
15	<i>Kiloniella antarctica</i> sp. nov., isolated from a polynya of Amundsen Sea in Western Antarctic Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2397-2402.	0.8	8
16	Contrasting distributions of dissolved gaseous mercury concentration and evasion in the North Pacific Subarctic Gyre and the Subarctic Front. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 110, 90-98.	0.6	12
17	Reclassification of <i>Halomonas caseinilytica</i> Wu et al. 2008 as a later synonym of <i>Halomonas sinaiensis</i> Romano et al. 2007, and emendation of the species description. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 1345-1352.	0.7	3
18	Vertical distribution of bacterial community is associated with the degree of soil organic matter decomposition in the active layer of moist acidic tundra. <i>Journal of Microbiology</i> , 2016, 54, 713-723.	1.3	48

#	ARTICLE	IF	CITATIONS
19	Sea spray aerosol as a unique source of ice nucleating particles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5797-5803.	3.3	323
20	Cultivation and biochemical characterization of heterotrophic bacteria associated with phytoplankton bloom in the Amundsen sea polynya, Antarctica. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 123, 126-134.	0.6	10
21	<i>Marinobacterium profundum</i> sp. nov., a marine bacterium from deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 1561-1566.	0.8	18
22	<i>Pseudoalteromonas neustonica</i> sp. nov., isolated from the sea surface microlayer of the Ross Sea (Antarctica), and emended description of the genus <i>Pseudoalteromonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3377-3382.	0.8	17
23	Reclassification of <i>Serpens flexibilis</i> Hespell 1977 as <i>Pseudomonas flexibilis</i> comb. nov., with <i>Pseudomonas tuomuensis</i> Xin et al. 2009 as a later heterotypic synonym. <i>Systematic and Applied Microbiology</i> , 2015, 38, 563-566.	1.2	19
24	<i>Algibacter psychrophilus</i> sp. nov., a psychrophilic bacterium isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1735-1740.	0.8	14
25	Draft genome sequence of the psychrophilic bacterium <i>Lacinutrix jangbogonensis</i> PAMC 27137T. <i>Marine Genomics</i> , 2015, 23, 31-32.	0.4	3
26	<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
27	Bacterial communities along stratified water columns at the Chukchi Borderland in the western Arctic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 120, 52-60.	0.6	22
28	<i>Sediminicola arcticus</i> sp. nov., a psychrophilic bacterium isolated from deep-sea sediment, and emended description of the genus <i>Sediminicola</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1567-1571.	0.8	14
29	<i>Domibacillus tundrae</i> sp. nov., isolated from active layer soil of tussock tundra in Alaska, and emended description of the genus <i>Domibacillus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3407-3412.	0.8	12
30	<i>Aureimonas glaciistagni</i> sp. nov., isolated from a melt pond on Arctic sea ice. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3564-3569.	0.8	13
31	<i>Halocynthiibacter arcticus</i> sp. nov., isolated from Arctic marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3861-3865.	0.8	19
32	Bacterial community structure and soil properties of a subarctic tundra soil in Council, Alaska. <i>FEMS Microbiology Ecology</i> , 2014, 89, 465-475.	1.3	121
33	<i>Lacinutrix jangbogonensis</i> sp. nov., a psychrophilic bacterium isolated from Antarctic marine sediment and emended description of the genus <i>Lacinutrix</i> . <i>Antonie Van Leeuwenhoek</i> , 2014, 106, 527-533.	0.7	38
34	<i>Nocardioides salsibiostraticola</i> sp. nov., isolated from biofilm formed in coastal seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3800-3806.	0.8	14
35	Morphology, Physiological Characteristics, and Complete Sequence of Marine Bacteriophage $\bar{\text{I}}\text{RIO-1}$ Infecting <i>Pseudoalteromonas marina</i> . <i>Journal of Virology</i> , 2013, 87, 9189-9198.	1.5	26
36	Reclassification of <i>Nocardioides basaltis</i> Kim et al. 2009 as a later synonym of <i>Nocardioides salarius</i> Kim et al. 2008, and emendation of the species description. <i>Antonie Van Leeuwenhoek</i> , 2012, 102, 695-701.	0.7	3

#	ARTICLE	IF	CITATIONS
37	<i>Sphingobacterium wenxiniae</i> sp. nov., a cypermethrin-degrading species from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 683-687.	0.8	34
38	Prokaryotic abundance and 16S rRNA gene sequences detected in marine aerosols on the East Sea (Korea). <i>FEMS Microbiology Ecology</i> , 2011, 76, 327-341.	1.3	81
39	<i>Nitratireductor aquimarinus</i> sp. nov., isolated from a culture of the diatom <i>Skeletonema costatum</i> , and emended description of the genus <i>Nitratireductor</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2676-2681.	0.8	34
40	Description of <i>Spongiibacter borealis</i> sp. nov., isolated from Arctic seawater, and reclassification of <i>Melitea salexigens</i> Urios et al. 2008 as a later heterotypic synonym of <i>Spongiibacter marinus</i> Graeber et al. 2008 with emended descriptions of the genus <i>Spongiibacter</i> and <i>Spongiibacter marinus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2895-2900.	0.8	23
41	Lethal Effects of Pulsed High-Voltage Discharge on Marine Plankton and <i>Escherichia coli</i> . <i>Water, Air, and Soil Pollution</i> , 2010, 213, 161-169.	1.1	9
42	<i>Salinisphaera dokdonensis</i> sp. nov., isolated from surface seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 680-685.	0.8	25
43	<i>Arcobacter marinus</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 531-536.	0.8	103
44	Distribution of Virus-Infected Bacteria in the Western Equatorial Pacific. <i>Pacific Science</i> , 2010, 64, 177-186.	0.2	2
45	<i>Pelagibius litoralis</i> gen. nov., sp. nov., a marine bacterium in the family Rhodospirillaceae isolated from coastal seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 818-823.	0.8	39
46	<i>Pseudomonas pelagia</i> sp. nov., isolated from a culture of the Antarctic green alga <i>Pyramimonas gelidicola</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 3019-3024.	0.8	40
47	<i>Maribacter antarcticus</i> sp. nov., a psychrophilic bacterium isolated from a culture of the Antarctic green alga <i>Pyramimonas gelidicola</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 1455-1459.	0.8	36
48	<i>Spongiibacter tropicus</i> sp. nov., isolated from a <i>Synechococcus</i> culture. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2176-2179.	0.8	16
49	<i>Nocardioides salarius</i> sp. nov., isolated from seawater enriched with zooplankton. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2056-2064.	0.8	37
50	<i>Cohaesibacter gelatinilyticus</i> gen. nov., sp. nov., a marine bacterium that forms a distinct branch in the order Rhizobiales, and proposal of <i>Cohaesibacteraceae</i> fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 267-277.	0.8	43
51	<i>Pelagicola litoralis</i> gen. nov., sp. nov., isolated from coastal water in Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2102-2104.	0.8	36
52	<i>Ponticoccus litoralis</i> gen. nov., sp. nov., a marine bacterium in the family Rhodobacteraceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1332-1338.	0.8	40
53	Effects of storage on the estimates of virus-mediated bacterial mortality based on observation of preserved seawater samples with transmission TEM. <i>Aquatic Microbial Ecology</i> , 2008, 52, 263-271.	0.9	2
54	<i>Marinobacterium rhizophilum</i> sp. nov., isolated from the rhizosphere of the coastal tidal-flat plant <i>Suaeda japonica</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 164-167.	0.8	23

#	ARTICLE	IF	CITATIONS
55	<i>Pelagibacillus goriensis</i> gen. nov., sp. nov., a moderately halotolerant bacterium isolated from coastal water off the east coast of Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1554-1560.	0.8	25
56	<i>Tenacibaculum litoreum</i> sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 635-640.	0.8	49
57	<i>Pedobacter roseus</i> sp. nov., isolated from a hypertrophic pond, and emended description of the genus <i>Pedobacter</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1831-1836.	0.8	81
58	Seasonal study on ectoenzyme activities, carbohydrate concentrations, prokaryotic abundance and production in a solar saltern in Korea. <i>Aquatic Microbial Ecology</i> , 2006, 43, 153-163.	0.9	9
59	Comparison of virus- and bacterivory-induced bacterial mortality in the eutrophic Masan Bay, Korea. <i>Aquatic Microbial Ecology</i> , 2003, 30, 117-125.	0.9	36
60	Uneven growth and different susceptibility to viruses among bacteria increase estimates of virus production in the East Sea based on TEM observation. <i>Aquatic Microbial Ecology</i> , 2002, 27, 211-218.	0.9	7
61	Virus-infected bacteria in oligotrophic open waters of the East Sea, Korea. <i>Aquatic Microbial Ecology</i> , 2002, 30, 1-9.	0.9	26
62	Effects of thermal effluents from a power station on bacteria and heterotrophic nanoflagellates in coastal waters. <i>Marine Ecology - Progress Series</i> , 2002, 229, 1-10.	0.9	51