

# Chung Yeon Hwang

## List of Publications by Year in descending order

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62  
papers

1,935  
citations

279778

23  
h-index

276858

41  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sea spray aerosol as a unique source of ice nucleating particles. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5797-5803.	7.1	323
2	Bacterial community structure and soil properties of a subarctic tundra soil in Council, Alaska. FEMS Microbiology Ecology, 2014, 89, 465-475.	2.7	121
3	<i>Arcobacter marinus</i> sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 531-536.	1.7	103
4	<i>Pedobacter roseus</i> sp. nov., isolated from a hypertrophic pond, and emended description of the genus <i>Pedobacter</i> . International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1831-1836.	1.7	81
5	Prokaryotic abundance and 16S rRNA gene sequences detected in marine aerosols on the East Sea (Korea). FEMS Microbiology Ecology, 2011, 76, 327-341.	2.7	81
6	Effects of thermal effluents from a power station on bacteria and heterotrophic nanoflagellates in coastal waters. Marine Ecology - Progress Series, 2002, 229, 1-10.	1.9	51
7	<i>Tenacibaculum litoreum</i> sp. nov., isolated from tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 635-640.	1.7	49
8	Vertical distribution of bacterial community is associated with the degree of soil organic matter decomposition in the active layer of moist acidic tundra. Journal of Microbiology, 2016, 54, 713-723.	2.8	48
9	<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.. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 267-277.	1.7	43
10	<i>Ponticoccus litoralis</i> gen. nov., sp. nov., a marine bacterium in the family Rhodobacteraceae. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1332-1338.	1.7	40
11	<i>Pseudomonas pelagia</i> sp. nov., isolated from a culture of the Antarctic green alga <i>Pyramimonas gelidicola</i> . International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 3019-3024.	1.7	40
12	<i>Pelagibius litoralis</i> gen. nov., sp. nov., a marine bacterium in the family Rhodospirillaceae isolated from coastal seawater. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 818-823.	1.7	39
13	<i>Lacinutrix jangbogonensis</i> sp. nov., a psychrophilic bacterium isolated from Antarctic marine sediment and emended description of the genus <i>Lacinutrix</i> . Antonie Van Leeuwenhoek, 2014, 106, 527-533.	1.7	38
14	<i>Nocardioides salarius</i> sp. nov., isolated from seawater enriched with zooplankton. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2056-2064.	1.7	37
15	<i>Pelagicola litoralis</i> gen. nov., sp. nov., isolated from coastal water in Korea. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2102-2104.	1.7	36
16	<i>Maribacter antarcticus</i> sp. nov., a psychrophilic bacterium isolated from a culture of the Antarctic green alga <i>Pyramimonas gelidicola</i> . International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 1455-1459.	1.7	36
17	Comparison of virus- and bacterivory-induced bacterial mortality in the eutrophic Masan Bay, Korea. Aquatic Microbial Ecology, 2003, 30, 117-125.	1.8	36
18	Genomic Insight Into the Predominance of Candidate Phylum Atribacteria JS1 Lineage in Marine Sediments. Frontiers in Microbiology, 2018, 9, 2909.	3.5	35

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19	Nitratireductor aquimarinus sp. nov., isolated from a culture of the diatom Skeletonema costatum, and emended description of the genus Nitratireductor. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2676-2681.	1.7	34
20	Sphingobacterium wenxiniae sp. nov., a cypermethrin-degrading species from activated sludge. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 683-687.	1.7	34
21	Morphology, Physiological Characteristics, and Complete Sequence of Marine Bacteriophage $\phi$ -RIO-1 Infecting Pseudoalteromonas marina. Journal of Virology, 2013, 87, 9189-9198.	3.4	26
22	Lichenihibitans psoromatis gen. nov., sp. nov., a member of a novel lineage (Lichenihibitantaceae fam.) Tj ETQq0 0 0 rgBT /Overlock 10 Systematic and Evolutionary Microbiology, 2019, 69, 3837-3842.	1.7	26
23	Virus-infected bacteria in oligotrophic open waters of the East Sea, Korea. Aquatic Microbial Ecology, 2002, 30, 1-9.	1.8	26
24	Pelagibacillus goriensis gen. nov., sp. nov., a moderately halotolerant bacterium isolated from coastal water off the east coast of Korea. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1554-1560.	1.7	25
25	Salinisphaera dokdonensis sp. nov., isolated from surface seawater. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 680-685.	1.7	25
26	Variability in high-salinity shelf water production in the Terra Nova Bay polynya, Antarctica. Ocean Science, 2020, 16, 373-388.	3.4	24
27	The influence of the Drygalski Ice Tongue on the local ocean. Annals of Glaciology, 2017, 58, 51-59.	1.4	23
28	Description of Spongiibacter borealis sp. nov., isolated from Arctic seawater, and reclassification of Melitea salexigens Urios et al. 2008 as a later heterotypic synonym of Spongiibacter marinus Graeber et al. 2008 with emended descriptions of the genus Spongiibacter and Spongiibacter marinus. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2895-2900.	1.7	23
29	Marinobacterium rhizophilum sp. nov., isolated from the rhizosphere of the coastal tidal-flat plant Suaeda japonica. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 164-167.	1.7	23
30	Bacterial communities along stratified water columns at the Chukchi Borderland in the western Arctic Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 120, 52-60.	1.4	22
31	Arctic Primary Aerosol Production Strongly Influenced by Riverine Organic Matter. Environmental Science & Technology, 2019, 53, 8621-8630.	10.0	21
32	Effects of heavy rainfall on the composition of airborne bacterial communities. Frontiers of Environmental Science and Engineering, 2018, 12, 1.	6.0	20
33	Reclassification of Serpens flexibilis Hespell 1977 as Pseudomonas flexibilis comb. nov., with Pseudomonas tuomuerensis Xin et al. 2009 as a later heterotypic synonym. Systematic and Applied Microbiology, 2015, 38, 563-566.	2.8	19
34	Psychroserpens jangbogonensis sp. nov., a psychrophilic bacterium isolated from Antarctic marine sediment. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 183-188.	1.7	19
35	Prokaryotic community composition in alkaline-fermented skate ( RajaÂpulchra ). Food Microbiology, 2017, 61, 72-82.	4.2	19
36	Halocynthiibacter arcticus sp. nov., isolated from Arctic marine sediment. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3861-3865.	1.7	19

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37	<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.	1.7	19
38	<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.	1.7	18
39	<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.	1.7	17
40	<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.	1.7	16
41	<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.	1.7	15
42	<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.	1.7	14
43	<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.	1.7	14
44	<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.	1.7	14
45	<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, .	1.7	14
46	<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.	1.7	13
47	<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.	1.7	13
48	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.	1.4	12
49	<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.	1.7	12
50	Microbial Fe(III) reduction as a potential iron source from Holocene sediments beneath Larsen Ice Shelf. <i>Nature Communications</i> , 2019, 10, 5786.	12.8	11
51	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.	1.4	10
52	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.	2.8	10
53	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.	2.4	9
54	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.	1.8	9

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55	<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.	1.7	8
56	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.	1.8	7
57	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.	1.7	3
58	Draft genome sequence of the psychrophilic bacterium <i>Lacinutrix jangbogonensis</i> PAMC 27137T. <i>Marine Genomics</i> , 2015, 23, 31-32.	1.1	3
59	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.	1.7	3
60	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.	1.8	2
61	Distribution of Virus-Infected Bacteria in the Western Equatorial Pacific. <i>Pacific Science</i> , 2010, 64, 177-186.	0.6	2
62	Complete Genome Sequence of <i>Sulfitobacter</i> Phage $\phi$ -GT1, Isolated from a Tidal Flat. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	2