Jang-Cheon Cho

List of Publications by Year
in descending order

191 papers	5,840 citations	94433 37 h-index	110387 64 g-index
214 all docs	214 docs citations	214 times ranked	5213 citing authors

#	Article	IF	Citations
1	Cultivation and Growth Characteristics of a Diverse Group of Oligotrophic Marine Gammaproteobacteria. Applied and Environmental Microbiology, 2004, 70, 432-440.	3.1	334
2	Proteorhodopsin in the ubiquitous marine bacterium SAR11. Nature, 2005, 438, 82-85.	27.8	293
3	Temporal and spatial response of bacterioplankton lineages to annual convective overturn at the Bermuda Atlantic Time-series Study site. Limnology and Oceanography, 2005, 50, 1687-1696.	3.1	240
4	The small genome of an abundant coastal ocean methylotroph. Environmental Microbiology, 2008, 10, 1771-1782.	3.8	197
5	Lentisphaera araneosa gen. nov., sp. nov, a transparent exopolymer producing marine bacterium, and the description of a novel bacterial phylum, Lentisphaerae. Environmental Microbiology, 2004, 6, 611-621.	3.8	159
6	Puniceicoccus vermicola gen. nov., sp. nov., a novel marine bacterium, and description of Puniceicoccaceae fam. nov., Puniceicoccales ord. nov., Opitutaceae fam. nov., Opitutales ord. nov. and Opitutae classis nov. in the phylum â€˜Verrucomicrobiaâ€™. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 532-537.	1.7	138
7	The SAR92 Clade: an Abundant Coastal Clade of Culturable Marine Bacteria Possessing Proteorhodopsin. Applied and Environmental Microbiology, 2007, 73, 2290-2296.	3.1	137
8	Parvularcula bermudensis gen. nov., sp. nov., a marine bacterium that forms a deep branch in the Î±-Proteobacteria. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1031-1036.	1.7	125
9	Genome of a SAR116 bacteriophage shows the prevalence of this phage type in the oceans. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12343-12348.	7.1	122
10	Freshwater viral metagenome reveals novel and functional phage-borne antibiotic resistance genes. Microbiome, 2020, 8, 75.	11.1	118
11	Increase in Bacterial Community Diversity in Subsurface Aquifers Receiving Livestock Wastewater Input. Applied and Environmental Microbiology, 2000, 66, 956-965.	3.1	113
12	Complete Genome Sequence of â€œ Candidatus Puniceispirillum marinumâ€•IMCC1322, a Representative of the SAR116 Clade in the Alphaproteobacteria. Journal of Bacteriology, 2010, 192, 3240-3241.	2.2	106
13	Oceanicola granulosus gen. nov., sp. nov. and Oceanicola batsensis sp. nov., poly-Î²-hydroxybutyrate-producing marine bacteria in the order â€˜Rhodobacteralesâ€™. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1129-1136.	1.7	89
14	Improved culturability of SAR11 strains in dilution-to-extinction culturing from the East Sea, West Pacific Ocean. FEMS Microbiology Letters, 2009, 295, 141-147.	1.8	85
15	Viable, but non-culturable, state of a green fluorescence protein-tagged environmental isolate ofSalmonella typhiin groundwater and pond water. FEMS Microbiology Letters, 1999, 170, 257-264.	1.8	78
16	Polyphyletic photosynthetic reaction centre genes in oligotrophic marine Gammaproteobacteria. Environmental Microbiology, 2007, 9, 1456-1463.	3.8	76
17	Nitrogenâ€fixing bacteria with multiple plant growthâ€promoting activities enhance growth of tomato and red pepper. Journal of Basic Microbiology, 2013, 53, 1004-1015.	3.3	75
18	Genome Sequence of â€œCandidatus Aquilunaâ€•sp. Strain IMCC13023, a Marine Member of the Actinobacteria Isolated from an Arctic Fjord. Journal of Bacteriology, 2012, 194, 3550-3551.	2.2	66

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19	A novel continuous toxicity test system using a luminously modified freshwater bacterium. Biosensors and Bioelectronics, 2004, 20, 338-344.	10.1	61
20	Pelagibaca bermudensis gen. nov., sp. nov., a novel marine bacterium within the Roseobacter clade in the order Rhodobacterales. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 855-859.	1.7	61
21	Maritimibacter alkaliphilus gen. nov., sp. nov., a genome-sequenced marine bacterium of the Roseobacter clade in the order Rhodobacterales. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1653-1658.	1.7	56
22	Robiginitalea biformata gen. nov., sp. nov., a novel marine bacterium in the family Flavobacteriaceae with a higher G+C content. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1101-1106.	1.7	55
23	Planktomarina temperata gen. nov., sp. nov., belonging to the globally distributed RCA cluster of the marine Roseobacter clade, isolated from the German Wadden Sea. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4207-4217.	1.7	55
24	Aurantimonas manganoxydans, sp. nov. andAurantimonas litoralis, sp. nov.: Mn(II) Oxidizing Representatives of a Globally Distributed Clade of alpha-Proteobacteriafrom the OrderRhizobiales. Geomicrobiology Journal, 2009, 26, 189-198.	2.0	54
25	Fulvimarina pelagi gen. nov., sp. nov., a marine bacterium that forms a deep evolutionary lineage of descent in the order 'Rhizobiales'. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1853-1859.	1.7	51
26	Spindle-shaped viruses infect marine ammonia-oxidizing thaumarchaea. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15645-15650.	7.1	49
27	Heavy contamination of a subsurface aquifer and a stream by livestock wastewater in a stock farming area, Wonju, Korea. Environmental Pollution, 2000, 109, 137-146.	7.5	48
28	Detection of adenoviruses and enteroviruses in tap water and river water by reverse transcription multiplex PCR. Canadian Journal of Microbiology, 2000, 46, 417-424.	1.7	48
29	Croceibacter atlanticus gen. nov., sp. nov., A Novel Marine Bacterium in the Family Flavobacteriaceae. Systematic and Applied Microbiology, 2003, 26, 76-83.	2.8	48
30	Complete genome sequence of Granulosicoccus antarcticus type strain IMCC3135T, a marine gammaproteobacterium with a putative dimethylsulfoniopropionate demethylase gene. Marine Genomics, 2018, 37, 176-181.	1.1	45
31	Ruegeria pelagia sp. nov., isolated from the Sargasso Sea, Atlantic Ocean. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1815-1818.	1.7	44
32	Gaetbulibacter marinus sp. nov., isolated from coastal seawater, and emended description of the genus Gaetbulibacter. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 315-318.	1.7	44
33	Distribution of Aeromonas spp. as identified by 16S rDNA restriction fragment length polymorphism analysis in a trout farm. Journal of Applied Microbiology, 2002, 93, 976-985.	3.1	43
34	Expansion of Cultured Bacterial Diversity by Large-Scale Dilution-to-Extinction Culturing from a Single Seawater Sample. Microbial Ecology, 2016, 71, 29-43.	2.8	42
35	The first complete genome sequences of the acI lineage, the most abundant freshwater Actinobacteria, obtained by whole-genome-amplification of dilution-to-extinction cultures. Scientific Reports, 2017, 7, 42252.	3.3	42
36	Complete Genome Sequence of Erythrobacter litoralis HTCC2594. Journal of Bacteriology, 2009, 191, 2419-2420.	2.2	41

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37	Maribius salinus gen. nov., sp. nov., isolated from a solar saltern and Maribius pelagius sp. nov., cultured from the Sargasso Sea, belonging to the Roseobacter clade. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 270-275.	1.7	40
38	Robiginitomaculum antarcticum gen. nov., sp. nov., a member of the family Hyphomonadaceae, from Antarctic seawater. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2595-2599.	1.7	40
39	Bacterial Communities of Surface Mixed Layer in the Pacific Sector of the Western Arctic Ocean during Sea-Ice Melting. PLoS ONE, 2014, 9, e86887.	2.5	40
40	Marinobacterium litorale sp. nov. in the order Oceanospirillales. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1659-1662.	1.7	38
41	Lutimonas vermicola gen. nov., sp. nov., a member of the family Flavobacteriaceae isolated from the marine polychaete Periserrula leucophryna. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1679-1684.	1.7	38
42	Cloning and characterization of three epoxide hydrolases from a marine bacterium, Erythrobacter litoralis HTCC2594. Applied Microbiology and Biotechnology, 2007, 76, 365-375.	3.6	38
43	Green fluorescent protein-based direct viable count to verify a viable but non-culturable state of Salmonella typhi in environmental samples. Journal of Microbiological Methods, 1999, 36, 227-235.	1.6	37
44	Perlucidibaca piscinae gen. nov., sp. nov., a freshwater bacterium belonging to the family Moraxellaceae. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 97-102.	1.7	37
45	Culturing the ubiquitous freshwater actinobacterial acI lineage by supplying a biochemical â€˜helperâ€™ catalase. ISME Journal, 2019, 13, 2252-2263.	9.8	37
46	Azonexus hydrophilus sp. nov., a nifH gene-harbouring bacterium isolated from freshwater. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 946-951.	1.7	36
47	Hymenobacter koreensis sp. nov. and Hymenobacter saemangeumensis sp. nov., isolated from estuarine water. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4568-4573.	1.7	36
48	Pyrosequencing Revealed SAR116 Clade as Dominant dddP-Containing Bacteria in Oligotrophic NW Pacific Ocean. PLoS ONE, 2015, 10, e0116271.	2.5	35
49	Oceanicola marinus sp. nov., a marine alphaproteobacterium isolated from seawater collected off Taiwan. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1625-1629.	1.7	31
50	Dilution-to-Extinction Culturing of Psychrotolerant Planktonic Bacteria from Permanently Ice-covered Lakes in the McMurdo Dry Valleys, Antarctica. Microbial Ecology, 2008, 55, 395-405.	2.8	31
51	Genome Sequence of Lentisphaera araneosa HTCC2155 ^T , the Type Species of the Order Lentisphaerales in the Phylum Lentisphaerae. Journal of Bacteriology, 2010, 192, 2938-2939.	2.2	31
52	Litoricolaceae fam. nov., to include Litoricola lipolytica gen. nov., sp. nov., a marine bacterium belonging to the order Oceanospirillales. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1793-1798.	1.7	30
53	Complete Genome Sequence of Strain IMCC9063, Belonging to SAR11 Subgroup 3, Isolated from the Arctic Ocean. Journal of Bacteriology, 2011, 193, 3379-3380.	2.2	30
54	Complete Genome Sequences of Two Persicivirga Bacteriophages, P12024S and P12024L. Journal of Virology, 2012, 86, 8907-8908.	3.4	29

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55	Characterization of spatial distribution of the bacterial community in the South Sea of Korea. PLoS ONE, 2017, 12, e0174159.	2.5	29
56	Lewinella antarctica sp. nov., a marine bacterium isolated from Antarctic seawater. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 65-68.	1.7	28
57	Complete Genome Sequence of Robiginitalea biformata HTCC2501. Journal of Bacteriology, 2009, 191, 7144-7145.	2.2	28
58	Flavivirga jejuensis gen. nov., sp. nov., and Flavivirga amylovorans sp. nov., new members of the family Flavobacteriaceae isolated from seawater, and emended descriptions of the genera Psychroserpens and Lacinutrix. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1061-1068.	1.7	28
59	Kordia aquimaris sp. nov., a zeaxanthin-producing member of the family Flavobacteriaceae isolated from surface seawater, and emended description of the genus Kordia. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4790-4796.	1.7	28
60	Complete Genome Sequence of Celeribacter Bacteriophage P12053L. Journal of Virology, 2012, 86, 8339-8340.	3.4	27
61	Lutibacter flavus sp. nov., a marine bacterium isolated from a tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 946-951.	1.7	27
62	Rubrivirga marina gen. nov., sp. nov., a member of the family Rhodothermaceae isolated from deep seawater. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2229-2233.	1.7	27
63	Diversity of cold-active protease-producing bacteria from arctic terrestrial and marine environments revealed by enrichment culture. Journal of Microbiology, 2010, 48, 426-432.	2.8	26
64	Genome characteristics and environmental distribution of the first phage that infects the LD28 clade, aÂfreshwater methylotrophic bacterial group. Environmental Microbiology, 2017, 19, 4714-4727.	3.8	26
65	Biocatalytic resolution of glycidyl phenyl ether using a novel epoxide hydrolase from a marine bacterium, Rhodobacterales bacterium HTCC2654. Journal of Bioscience and Bioengineering, 2010, 109, 539-544.	2.2	25
66	Kordia periserrulae sp. nov., isolated from a marine polychaete Periserrula leucophryna,and emended description of the genus Kordia. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 864-869.	1.7	25
67	Complete genome sequences of bacteriophages P12002L and P12002S, two lytic phages that infect a marine Polaribacter strain. Standards in Genomic Sciences, 2015, 10, 82.	1.5	25
68	Microbiome in Cladonia squamosa Is Vertically Stratified According to Microclimatic Conditions. Frontiers in Microbiology, 2020, 11, 268.	3.5	25
69	Genomic Analysis of a Freshwater Actinobacterium, ï¿½ï¿½Candidatus Limnosphaera aquaticaï¿½ï¿½ Strain IMCC26207, Isolated from Lake Soyang. Journal of Microbiology and Biotechnology, 2017, 27, 825-833.	2.1	24
70	Granulosicoccaceae fam. nov., to include Granulosicoccus antarcticus gen. nov., sp. nov., a non-phototrophic, obligately aerobic chemoheterotroph in the order Chromatiales, isolated from Antarctic seawater. Journal of Microbiology and Biotechnology, 2007, 17, 1483-90.	2.1	23
71	Methylibium aquaticum sp. nov., a betaproteobacterium isolated from a eutrophic freshwater pond. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2125-2128.	1.7	22
72	Ulvibacter antarcticus sp. nov., isolated from Antarctic coastal seawater. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2922-2925.	1.7	22

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73	Complete Genome Sequence of Croceibacter Bacteriophage P2559S. Journal of Virology, 2012, 86, 8912-8913.	3.4	22
74	Genome Sequence of Fulvimarina pelagi HTCC2506 T , a Mn(II)-Oxidizing Alphaproteobacterium Possessing an Aerobic Anoxygenic Photosynthetic Gene Cluster and Xanthorhodopsin. Journal of Bacteriology, 2010, 192, 4798-4799.	2.2	21
75	Diversity of free-living nitrogen-fixing bacteria associated with Korean paddy fields. Annals of Microbiology, 2012, 62, 1643-1650.	2.6	21
76	Paenibacillus aestuarii sp. nov., isolated from an estuarine wetland. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 644-647.	1.7	20
77	Complete genome sequence of bacteriophage P2559Y, a marine phage that infects Croceibacter atlanticus HTCC2559. Marine Genomics, 2016, 29, 35-38.	1.1	20
78	Heme auxotrophy in abundant aquatic microbial lineages. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
79	Porticoccus litoralis gen. nov., sp. nov., a gammaproteobacterium isolated from the Yellow Sea. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 727-732.	1.7	19
80	Genomic and ecological study of two distinctive freshwater bacteriophages infecting a Comamonadaceae bacterium. Scientific Reports, 2018, 8, 7989.	3.3	19
81	Isolation, cultivation, and genome analysis of proteorhodopsin-containing SAR116-clade strain Candidatus Puniceispirillum marinum IMCC1322. Journal of Microbiology, 2019, 57, 676-687.	2.8	19
82	Natronospirillum operosum gen. nov., sp. nov., a haloalkaliphilic satellite isolated from decaying biomass of a laboratory culture of cyanobacterium Geitlerinema sp. and proposal of Natronospirillaceae fam. nov., Saccharospirillaceae fam. nov. and Gynuellaceae fam. nov.. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 511-521.	1.7	19
83	Proteomic analysis of novel marine bacteria using MALDI and ESI mass spectrometry. Journal of Biomolecular Techniques, 2004, 15, 191-8.	1.5	19
84	Sejongia marina sp. nov., isolated from Antarctic seawater. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2917-2921.	1.7	18
85	Soonwooa buanensis gen. nov., sp. nov., a member of the family Flavobacteriaceae isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2061-2065.	1.7	18
86	Pontirhabdus pectinivorans gen. nov., sp. nov., isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2475-2481.	1.7	18
87	Thalassolituus marinus sp. nov., a hydrocarbon-utilizing marine bacterium. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2234-2238.	1.7	18
88	Celeribacter marinus sp. nov., isolated from coastal seawater. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1323-1327.	1.7	18
89	Saccharospirillum aestuarii sp. nov., isolated from tidal flat sediment, and an emended description of the genus Saccharospirillum. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 487-492.	1.7	17
90	Comparisons of direct extraction methods of microbial DNA from different paddy soils. Saudi Journal of Biological Sciences, 2012, 19, 337-342.	3.8	17

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91	Grimontia marina sp. nov., a marine bacterium isolated from the Yellow Sea. Journal of Microbiology, 2012, 50, 170-174.	2.8	17
92	Granulosicoccus marinus sp. nov., isolated from Antarctic seawater, and emended description of the genus Granulosicoccus. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 4103-4108.	1.7	17
93	Mesonia aquimarina sp. nov., a marine bacterium isolated from coastal seawater. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 135-140.	1.7	17
94	Donghaesulfins A and B, Dimeric Benz[a]anthracene Thioethers from Volcanic Island Derived Streptomyces sp.. Organic Letters, 2019, 21, 3635-3639.	4.6	17
95	Aurantivirga profunda gen. nov., sp. nov., isolated from deep-seawater, a novel member of the family Flavobacteriaceae. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4850-4856.	1.7	17
96	Flavobacterium chuncheonense sp. nov. and Flavobacterium luteum sp. nov., isolated from a freshwater lake. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4409-4415.	1.7	17
97	Antarcticimonas flava gen. nov., sp. nov., isolated from Antarctic coastal seawater. Journal of Microbiology, 2009, 47, 517-523.	2.8	16
98	Genome Sequences of Strains HTCC2148 and HTCC2080, Belonging to the OM60/NOR5 Clade of the Gammaproteobacteria. Journal of Bacteriology, 2010, 192, 3842-3843.	2.2	16
99	Viral metagenomes of Lake Soyang, the largest freshwater lake in South Korea. Scientific Data, 2020, 7, 349.	5.3	16
100	Emticicia aquatica sp. nov., a species of the family Cytophagaceae isolated from fresh water. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4358-4362.	1.7	16
101	Marinobacterium marisflavi sp. nov., Isolated from a Costal Seawater. Current Microbiology, 2009, 58, 511-515.	2.2	15
102	MdsABC-Mediated Pathway for Pathogenicity in Salmonella enterica Serovar Typhimurium. Infection and Immunity, 2015, 83, 4266-4276.	2.2	15
103	Flavobacterium soyangense sp. nov., a psychrotolerant bacterium, isolated from an oligotrophic freshwater lake. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2440-2445.	1.7	15
104	Litoricola marina sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1303-1306.	1.7	14
105	Reinekea aestuarii sp. nov., isolated from tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2813-2817.	1.7	14
106	Genome Sequences of Oceanicola granulosus HTCC2516 ^T and O ceanicola batsensis HTCC2597 ^T. Journal of Bacteriology, 2010, 192, 3549-3550.	2.2	14
107	Actimicrobium antarcticum gen. nov., sp. nov., of the Family Oxalobacteraceae, Isolated from Antarctic Coastal Seawater. Current Microbiology, 2011, 63, 213-217.	2.2	14
108	Genome Sequence of Strain IMCC3088, a Proteorhodopsin-Containing Marine Bacterium Belonging to the OM60/NOR5 Clade. Journal of Bacteriology, 2011, 193, 3415-3416.	2.2	14

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109	Zobellella aerophila sp. nov., isolated from seashore sand, and emended description of the genus Zobellella. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2491-2495.	1.7	14
110	Kordia antarctica sp. nov., isolated from Antarctic seawater. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3617-3622.	1.7	14
111	Nibrella saemangeumensis gen. nov., sp. nov. and Nibrella viscosa sp. nov., novel members of the family Cytophagaceae, isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4508-4514.	1.7	14
112	Sulfitobacter profundi sp. nov., isolated from deep seawater. Journal of Microbiology, 2019, 57, 661-667.	2.8	14
113	High-throughput cultivation based on dilution-to-extinction with catalase supplementation and a case study of cultivating acI bacteria from Lake Soyang. Journal of Microbiology, 2020, 58, 893-905.	2.8	14
114	Aequoribacter fuscus gen. nov., sp. nov., a new member of the family Halieaceae, isolated from coastal seawater. Journal of Microbiology, 2020, 58, 463-471.	2.8	14
115	Rubritalea profundi sp. nov., isolated from deep-seawater and emended description of the genus Rubritalea in the phylum Verrucomicrobia. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1384-1389.	1.7	14
116	Nibricoccus aquaticus gen. nov., sp. nov., a new genus of the family Opitutaceae isolated from hyporheic freshwater. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 552-557.	1.7	14
117	Lactobacillus aquaticus sp. nov., isolated from a Korean freshwater pond. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 2215-2218.	1.7	13
118	Paenibacillus xanthinilyticus sp. nov., isolated from agricultural soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2937-2942.	1.7	13
119	Pedobacter aquicola sp. nov., isolated from freshwater. Journal of Microbiology, 2018, 56, 478-484.	2.8	13
120	Genomic and metatranscriptomic analyses of carbon remineralization in an Antarctic polynya. Microbiome, 2019, 7, 29.	11.1	13
121	Phreatobacter stygius sp. nov., isolated from pieces of wood in a lava cave and emended description of the genus Phreatobacter. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3296-3300.	1.7	13
122	Flavobacterium aquariorum sp. nov., isolated from freshwater of the North Han River. Journal of Microbiology, 2019, 57, 343-349.	2.8	12
123	Hahella antarctica sp. nov., isolated from Antarctic seawater. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 353-356.	1.7	11
124	Complete Genome Sequence of Croceibacter atlanticus HTCC2559 ^T. Journal of Bacteriology, 2010, 192, 4796-4797.	2.2	11
125	Complete Genome Sequence of Marinomonas Bacteriophage P12026. Journal of Virology, 2012, 86, 8909-8910.	3.4	11
126	Lentisphaera marina sp. nov., and emended description of the genus Lentisphaera. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 1540-1544.	1.7	11

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127	Eionea flava sp. nov., isolated from coastal seawater, and emended description of the genus Eionea. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2975-2979.	1.7	11
128	Ulvibacter marinus sp. nov., isolated from coastal seawater. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2041-2046.	1.7	11
129	Emticicia fontis sp. nov., isolated from a freshwater pond. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5161-5166.	1.7	11
130	Flavobacterium hydrophilum sp. nov. and Flavobacterium cheongpyeongense sp. nov., isolated from freshwater. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 602-609.	1.7	11
131	Halioglobus maricola sp. nov., isolated from coastal seawater. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1868-1875.	1.7	11
132	Genome Sequences of Pelagibaca bermudensis HTCC2601 ^T and Maritimibacter alkaliphilus HTCC2654 ^T , the Type Strains of Two Marine Roseobacter Genera. Journal of Bacteriology, 2010, 192, 5552-5553.	2.2	10
133	Genome Sequence of the Oligotrophic Marine Gammaproteobacterium HTCC2143, Isolated from the Oregon Coast. Journal of Bacteriology, 2010, 192, 4530-4531.	2.2	10
134	Genome Sequence of the Marine Alphaproteobacterium HTCC2150, Assigned to the Roseobacter Clade. Journal of Bacteriology, 2010, 192, 6315-6316.	2.2	10
135	Genome Sequence of Oceanicaulis sp. Strain HTCC2633, Isolated from the Western Sargasso Sea. Journal of Bacteriology, 2011, 193, 317-318.	2.2	10
136	Formosa arctica sp. nov., isolated from Arctic seawater. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 78-82.	1.7	10
137	Metaviromics coupled with phage-host identification to open the viral â€˜black boxâ€™. Journal of Microbiology, 2021, 59, 311-323.	2.8	10
138	Lentisphaera profundi sp. nov., isolated from deep-sea water. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4186-4190.	1.7	10
139	Flavobacterium inkyongense sp. nov., isolated from an artificial freshwater pond. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 82-86.	1.7	10
140	Flavobacterium lacicola sp. nov., isolated from a freshwater lake. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1565-1570.	1.7	10
141	Rhodoferax lacus sp. nov., isolated from a large freshwater lake. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3135-3140.	1.7	10
142	Sphingorhabdus lacus sp. nov. and Sphingorhabdus profundilacus sp. nov., isolated from freshwater environments. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3202-3209.	1.7	10
143	Ferrimonas sediminicola sp. nov. and Ferrimonas aestuarii sp. nov., Fe(III)-reducing bacteria isolated from marine environments. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 4927-4934.	1.7	10
144	Sphingobacterium chungjuense sp. nov., isolated from a freshwater lake. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 6126-6132.	1.7	10

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145	Genome Sequence of the Marine Janibacter Sp. Strain HTCC2649. Journal of Bacteriology, 2011, 193, 584-585.	2.2	9
146	Genome Sequence of Strain HTCC2083, a Novel Member of the Marine Clade Roseobacter. Journal of Bacteriology, 2011, 193, 319-320.	2.2	9
147	Complete Genome Sequence of Strain HTCC2170, a Novel Member of the Genus Maribacter in the Family Flavobacteriaceae. Journal of Bacteriology, 2011, 193, 303-304.	2.2	9
148	Rubrivirga profundi sp. nov., isolated from deep-sea water, and emended description of the genus Rubrivirga. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3253-3257.	1.7	9
149	Genome Sequence of Strain IMCC9480, a Xanthorhodopsin-Bearing Betaproteobacterium Isolated from the Arctic Ocean. Journal of Bacteriology, 2011, 193, 3421-3421.	2.2	8
150	The coordinated action of RNase III and RNase G controls enolase expression in response to oxygen availability in Escherichia coli. Scientific Reports, 2019, 9, 17257.	3.3	8
151	Winogradskyella aurantiaca sp. nov., isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3260-3265.	1.7	8
152	Pelagibacterium sediminicola sp. nov., isolated from tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2651-2657.	1.7	8
153	Three-dimensional Structure of the Tiny Bacterium Pelagibacter ubique Studied by Cryo-electron Tomography. Microscopy and Microanalysis, 2006, 12, 180-181.	0.4	7
154	Complete Genome Sequence of Strain HTCC2503 ^T of Parvularcula bermudensis , the Type Species of the Order â€œ Parvularculales â€•in the Class Alphaproteobacteria. Journal of Bacteriology, 2011, 193, 305-306.	2.2	7
155	Complete genome sequence of bacteriophage P26218 infecting Rhodoferax sp. strain IMCC26218. Standards in Genomic Sciences, 2015, 10, 111.	1.5	7
156	Complete genome sequence of Celeribacter marinus IMCC12053T, the host strain of marine bacteriophage P12053L. Marine Genomics, 2016, 26, 5-7.	1.1	7
157	Isolation and genome analysis of Winogradskyella algicola sp. nov., the dominant bacterial species associated with the green alga Dunaliella tertiolecta. Journal of Microbiology, 2019, 57, 982-990.	2.8	7
158	Genome characteristics of Kordia antarctica IMCC3317T and comparative genome analysis of the genus Kordia. Scientific Reports, 2020, 10, 14715.	3.3	7
159	Svalbamides A and B, Pyrrolidinone-Bearing Lipodipeptides from Arctic Paenibacillus sp.. Marine Drugs, 2021, 19, 229.	4.6	7
160	Leeia aquatica sp. nov., isolated from freshwater. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 5848-5853.	1.7	7
161	Genome Sequence of Strain IMCC2047, a Novel Marine Member of the Gammaproteobacteria. Journal of Bacteriology, 2011, 193, 3688-3689.	2.2	6
162	Genome Sequence of Strain IMCC14465, Isolated from the East Sea, Belonging to the PS1 Clade of Alphaproteobacteria. Journal of Bacteriology, 2012, 194, 6952-6953.	2.2	6

#	Article	IF	Citations
163	Cultivation of Dominant Freshwater Bacterioplankton Lineages Using a High-Throughput Dilution-to-Extinction Culturing Approach Over a 1-Year Period. Frontiers in Microbiology, 2021, 12, 700637.	3.5	6
164	Response of bacterial communities to changes in composition of extracellular organic carbon from phytoplankton in Daechung Reservoir (Korea). Archiv FÃ¼r Hydrobiologie, 1997, 138, 559-576.	1.1	6
165	Inhella inkyongensis gen. nov., sp. nov., a New Freshwater Bacterium in the Order Burkholderiales. Journal of Microbiology and Biotechnology, 2009, , .	2.1	6
166	Planktotalea arctica sp. nov., isolated from Arctic seawater. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3501-3505.	1.7	6
167	Genome Sequence of Strain IMCC1989, a Novel Member of the Marine Gammaproteobacteria. Journal of Bacteriology, 2011, 193, 3672-3673.	2.2	5
168	Omics-based microbiome analysis in microbial ecology: from sequences to information. Journal of Microbiology, 2021, 59, 229-232.	2.8	5
169	Uliginosibacterium aquaticum sp. nov., Isolated from a Freshwater Lake. Current Microbiology, 2021, 78, 3381-3387.	2.2	5
170	Deinococcus lacus sp. nov., a gamma radiation-resistant bacterium isolated from an artificial freshwater pond. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1372-1377.	1.7	5
171	Depth-Specific Distribution of the SAR116 Phages Revealed by Virome Binning. Journal of Microbiology and Biotechnology, 2014, 24, 592-596.	2.1	5
172	Lacihabitans lacunae sp. nov., isolated from a lagoon. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2509-2513.	1.7	5
173	Leucothrix arctica sp. nov., isolated from Arctic seawater. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3851-3855.	1.7	5
174	"Bring to lab" of 19 novel species among 60 isolates retrieved from a freshwater pond. Journal of Microbiology and Biotechnology, 2007, 17, 168-75.	2.1	5
175	Genome Sequence of the Novel Marine Member of the Gammaproteobacteria Strain HTCC5015. Journal of Bacteriology, 2010, 192, 3838-3839.	2.2	4
176	Phylum XXII. Lentisphaerae Cho, Vergin, Morris and Giovannoni 2004a, 1005VP (Effective publication:) Tj ETQq0 0 0 rgBT /Overlock 10 T		4
177	Permianibacter fluminis sp. nov., isolated from a freshwater stream. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	4
178	Viable, but non-culturable, state of a green fluorescence protein-tagged environmental isolate of Salmonella typhi in groundwater and pond water. FEMS Microbiology Letters, 1999, 170, 257-264.	1.8	3
179	Genome analysis of Rubritalea profundi SAORIC-165T, the first deep-sea verrucomicrobial isolate, from the northwestern Pacific Ocean. Journal of Microbiology, 2019, 57, 413-422.	2.8	2
180	Vertical profile of bacterial community in the sediment of Ulleung Basin: implication of the presence of methane-driven community. , 2010, , .		2

#	Article	IF	Citations
181	Complete genome sequence of bacteriophage P8625, the first lytic phage that infects Verrucomicrobia. Standards in Genomic Sciences, 2015, 10, 96.	1.5	1
182	Report on 14 unrecorded bacterial species in Korea that belong to the phyla Bacteroidetes and Deinococcus-Thermus. Journal of Species Research, 2015, 4, 137-144.	0.1	1
183	Report on 31 unrecorded bacterial species in Korea that belong to the phylum Actinobacteria. Journal of Species Research, 2016, 5, 1-13.	0.1	1
184	A report on 33 unrecorded bacterial species of Korea isolated in 2014, belonging to the class Gammaproteobacteria. Journal of Species Research, 2016, 5, 241-253.	0.1	1
185	The Family Lentisphaeraceae. , 2014, , 705-710.		0
186	Report on 24 unrecorded bacterial species of Korea belonging to the phylum Firmicutes. Journal of Species Research, 2015, 4, 127-136.	0.1	0
187	A report of 39 unrecorded bacterial species in Korea, belonging to the Betaproteobacteria and Gammaproteobacteria. Journal of Species Research, 2015, 4, 109-126.	0.1	0
188	A report of 31 unrecorded bacterial species in South Korea belonging to the class Gammaproteobacteria. Journal of Species Research, 2016, 5, 188-200.	0.1	0
189	A report of 21 unreported bacterial species in Korea, belonging to the Betaproteobacteria. Journal of Species Research, 2016, 5, 179-187.	0.1	0
190	A report of 38 unrecorded bacterial species in Korea, belonging to the phylum Actinobacteria. Journal of Species Research, 2016, 5, 223-234.	0.1	0
191	A report of 42 unrecorded bacterial species belonging to the Alphaproteobacteria in Korea. Journal of Species Research, 2016, 5, 206-219.	0.1	0