

Ok-Sun Kim

List of Publications by Year in descending order

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36
papers

5,995
citations

430442

18
h-index

360668

35
g-index

36
all docs

36
docs citations

36
times ranked

5726
citing authors

#	ARTICLE	IF	CITATIONS
1	Introducing EzTaxon-e: a prokaryotic 16S rRNA gene sequence database with phylotypes that represent uncultured species. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 716-721.	0.8	4,898
2	Phylogenetic and functional marker genes to study ammonia-oxidizing microorganisms (AOM) in the environment. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 425-440.	1.7	144
3	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
4	Use of Barcoded Pyrosequencing and Shared OTUs To Determine Sources of Fecal Bacteria in Watersheds. <i>Environmental Science & Technology</i> , 2010, 44, 7777-7782.	4.6	108
5	Influence of Soil Characteristics and Proximity to Antarctic Research Stations on Abundance of Antibiotic Resistance Genes in Soils. <i>Environmental Science & Technology</i> , 2016, 50, 12621-12629.	4.6	107
6	Algal and Fungal Diversity in Antarctic Lichens. <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 196-205.	0.8	53
7	Highly Heterogeneous Soil Bacterial Communities around Terra Nova Bay of Northern Victoria Land, Antarctica. <i>PLoS ONE</i> , 2015, 10, e0119966.	1.1	51
8	Comparative in silico analysis of PCR primers suited for diagnostics and cloning of ammonia monoxygenase genes from ammonia-oxidizing bacteria. <i>FEMS Microbiology Ecology</i> , 2008, 64, 141-152.	1.3	50
9	Niche specialization of bacteria in permanently ice-covered lakes of the McMurdo Dry Valleys, Antarctica. <i>Environmental Microbiology</i> , 2017, 19, 2258-2271.	1.8	49
10	Bacterial Communities of Surface Mixed Layer in the Pacific Sector of the Western Arctic Ocean during Sea-Ice Melting. <i>PLoS ONE</i> , 2014, 9, e86887.	1.1	40
11	Evaluation of PCR Primer Selectivity and Phylogenetic Specificity by Using Amplification of 16S rRNA Genes from Betaproteobacterial Ammonia-Oxidizing Bacteria in Environmental Samples. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5231-5236.	1.4	32
12	Distribution of denitrifying bacterial communities in the stratified water column and sediment-water interface in two freshwater lakes and the Baltic Sea. <i>Aquatic Ecology</i> , 2011, 45, 99-112.	0.7	32
13	Local-scale variation of soil bacterial communities in ice-free regions of maritime Antarctica. <i>Soil Biology and Biochemistry</i> , 2019, 133, 165-173.	4.2	32
14	Comparative analysis of ammonia monoxygenase (amoA) genes in the water column and sediment-water interface of two lakes and the Baltic Sea. <i>FEMS Microbiology Ecology</i> , 2008, 66, 367-378.	1.3	30
15	Complete genome sequence of <i>Pseudomonas antarctica</i> PAMC 27494, a bacteriocin-producing psychrophile isolated from Antarctica. <i>Journal of Biotechnology</i> , 2017, 259, 15-18.	1.9	28
16	Bacterial communities in Antarctic lichens. <i>Antarctic Science</i> , 2016, 28, 455-461.	0.5	26
17	Comparative approach to capture bacterial diversity of coastal waters. <i>Journal of Microbiology</i> , 2011, 49, 729-740.	1.3	25
18	Bacterial diversity in ornithogenic soils compared to mineral soils on King George Island, Antarctica. <i>Journal of Microbiology</i> , 2012, 50, 1081-1085.	1.3	25

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19	Soil development and bacterial community shifts along the chronosequence of the Midtre Lov�nreen glacier foreland in Svalbard. <i>Journal of Ecology and Environment</i> , 2015, 38, 461-476.	1.6	19
20	Community analysis of betaproteobacterial ammonia-oxidizing bacteria using the amoCAB operon. <i>Applied Microbiology and Biotechnology</i> , 2009, 83, 175-188.	1.7	16
21	Methane production in the oxygenated water column of a perennially ice�covered Antarctic lake. <i>Limnology and Oceanography</i> , 2020, 65, 143-156.	1.6	14
22	Endophytic bacterial diversity of an Antarctic moss, <i>Sanionia uncinata</i> . <i>Antarctic Science</i> , 2013, 25, 51-54.	0.5	13
23	The latitudinal gradient in rock-inhabiting bacterial community compositions in Victoria Land, Antarctica. <i>Science of the Total Environment</i> , 2019, 657, 731-738.	3.9	12
24	Hydrogeological characteristics of groundwater and surface water associated with two small lake systems on King George Island, Antarctica. <i>Journal of Hydrology</i> , 2020, 590, 125537.	2.3	11
25	Complete Genome Sequence of <i>Cryobacterium arcticum</i> Strain PAMC 27867, Isolated from a Sedimentary Rock Sample in Northern Victoria Land, Antarctica. <i>Genome Announcements</i> , 2016, 4, .	0.8	10
26	Monitoring of soil bacterial community and some inoculated bacteria after prescribed fire in microcosm. <i>Journal of Microbiology</i> , 2004, 42, 285-91.	1.3	10
27	Complete genome sequence of <i>Pedobacter cryoconitis</i> PAMC 27485, a CRISPR-Cas system-containing psychrophile isolated from Antarctica. <i>Journal of Biotechnology</i> , 2016, 226, 74-75.	1.9	9
28	Complete Genome Sequence of a Psychrotolerant Denitrifying Bacterium, <i>Janthinobacterium svalbardensis</i> PAMC 27463. <i>Genome Announcements</i> , 2017, 5, .	0.8	8
29	Monitoring of bacterial community in a coniferous forest soil after a wildfire. <i>Journal of Microbiology</i> , 2004, 42, 278-84.	1.3	6
30	Statistical understanding for snow cover effects on near-surface ground temperature at the margin of maritime Antarctica, King George Island. <i>Geoderma</i> , 2022, 410, 115661.	2.3	4
31	Proposal to transfer <i>Flavobacterium oceanosedimentum</i> Carty and Litchfield 1978 to the genus <i>Curtobacterium</i> as <i>Curtobacterium oceanosedimentum</i> comb. nov.. <i>FEMS Microbiology Letters</i> , 2009, 296, 137-141.	0.7	3
32	Betaproteobacterial ammonia oxidizers in root zones of aquatic macrophytes. <i>Fundamental and Applied Limnology</i> , 2010, 177, 241-255.	0.4	3
33	Complete Genome Sequence of <i>Psychrobacter alimentarius</i> PAMC 27889, a Psychrophile Isolated from an Antarctic Rock Sample. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
34	Effect of salinity on cyanobacterial community composition along a transect from Fuliya spring into the water of Lake Kinneret, Israel. <i>Fundamental and Applied Limnology</i> , 2013, 182, 99-107.	0.4	2
35	Draft Genome Sequence of the Psychrotolerant Bacterium <i>Methylobacterium</i> sp. Strain BTF04, Isolated from Freshwater in Antarctica. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	1
36	Draft Genome Sequence of the Chitin-Degrading Psychrotolerant Bacterium <i>Pedobacter jejuensis</i> TN23, Isolated from Antarctic Soil. <i>Microbiology Resource Announcements</i> , 2021, 10, e0052321.	0.3	0