

Ok-Sun Kim

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

5,224
citations

15
h-index

36
g-index

36
ext. papers

5,708
ext. citations

4.1
avg. IF

4.9
L-index

#	Paper	IF	Citations
35	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	2.2	4480
34	Phylogenetic and functional marker genes to study ammonia-oxidizing microorganisms (AOM) in the environment. <i>Applied Microbiology and Biotechnology</i> , 2010 , 85, 425-40	5.7	118
33	Use of barcoded pyrosequencing and shared OTUs to determine sources of fecal bacteria in watersheds. <i>Environmental Science & Technology</i> , 2010 , 44, 7777-82	10.3	95
32	Bacterial community structure and soil properties of a subarctic tundra soil in Council, Alaska. <i>FEMS Microbiology Ecology</i> , 2014 , 89, 465-75	4.3	74
31	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	10.3	70
30	Algal and fungal diversity in Antarctic lichens. <i>Journal of Eukaryotic Microbiology</i> , 2015 , 62, 196-205	3.6	43
29	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, 5231-6	4.8	31
28	Comparative in silico analysis of PCR primers suited for diagnostics and cloning of ammonia monooxygenase genes from ammonia-oxidizing bacteria. <i>FEMS Microbiology Ecology</i> , 2008 , 64, 141-52	4.3	29
27	Comparative analysis of ammonia monooxygenase (amoA) genes in the water column and sediment-water interface of two lakes and the Baltic Sea. <i>FEMS Microbiology Ecology</i> , 2008 , 66, 367-78	4.3	29
26	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	3.7	27
25	Highly heterogeneous soil bacterial communities around Terra Nova Bay of Northern Victoria Land, Antarctica. <i>PLoS ONE</i> , 2015 , 10, e0119966	3.7	27
24	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	1.9	26
23	Niche specialization of bacteria in permanently ice-covered lakes of the McMurdo Dry Valleys, Antarctica. <i>Environmental Microbiology</i> , 2017 , 19, 2258-2271	5.2	18
22	Bacterial diversity in ornithogenic soils compared to mineral soils on King George Island, Antarctica. <i>Journal of Microbiology</i> , 2012 , 50, 1081-5	3	18
21	Comparative approach to capture bacterial diversity of coastal waters. <i>Journal of Microbiology</i> , 2011 , 49, 729-40	3	18
20	Bacterial communities in Antarctic lichens. <i>Antarctic Science</i> , 2016 , 28, 455-461	1.7	15
19	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	3.7	13

18	Community analysis of betaproteobacterial ammonia-oxidizing bacteria using the amoCAB operon. <i>Applied Microbiology and Biotechnology</i> , 2009 , 83, 175-88	5.7	13
17	Endophytic bacterial diversity of an Antarctic moss, <i>Sanionia uncinata</i> . <i>Antarctic Science</i> , 2013 , 25, 51-54	1.7	10
16	Soil development and bacterial community shifts along the chronosequence of the Midtre Lovbreen glacier foreland in Svalbard. <i>Journal of Ecology and Environment</i> , 2015 , 38, 461-476	2	10
15	Monitoring of soil bacterial community and some inoculated bacteria after prescribed fire in microcosm. <i>Journal of Microbiology</i> , 2004 , 42, 285-91	3	10
14	Local-scale variation of soil bacterial communities in ice-free regions of maritime Antarctica. <i>Soil Biology and Biochemistry</i> , 2019 , 133, 165-173	7.5	7
13	The latitudinal gradient in rock-inhabiting bacterial community compositions in Victoria Land, Antarctica. <i>Science of the Total Environment</i> , 2019 , 657, 731-738	10.2	6
12	Methane production in the oxygenated water column of a perennially ice-covered Antarctic lake. <i>Limnology and Oceanography</i> , 2020 , 65, 143-156	4.8	6
11	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	6	5
10	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, 74-5	3.7	5
9	Complete Genome Sequence of a Psychrotolerant Denitrifying Bacterium, PAMC 27463. <i>Genome Announcements</i> , 2017 , 5,		4
8	Monitoring of bacterial community in a coniferous forest soil after a wildfire. <i>Journal of Microbiology</i> , 2004 , 42, 278-84	3	4
7	Complete Genome Sequence of <i>Psychrobacter alimentarius</i> PAMC 27889, a Psychrophile Isolated from an Antarctic Rock Sample. <i>Genome Announcements</i> , 2016 , 4,		3
6	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,		3
5	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	1.9	2
4	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, 137-41	2.9	2
3	Betaproteobacterial ammonia oxidizers in root zones of aquatic macrophytes. <i>Fundamental and Applied Limnology</i> , 2010 , 177, 241-255	1.9	2
2	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	6.7	1
1	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	1.3	

