Ok-Sun Kim

List of Publications by Year in Descending Order

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	Statistical understanding for snow cover effects on near-surface ground temperature at the margin of maritime Antarctica, King George Island. *Geoderma*, **2022**, 410, 115661	6.7	1
34	Draft Genome Sequence of the Chitin-Degrading Psychrotolerant Bacterium Pedobacter jejuensis TN23, Isolated from Antarctic Soil. *Microbiology Resource Announcements*, **2021**, 10, e0052321	1.3	
33	Hydrogeological characteristics of groundwater and surface water associated with two small lake systems on King George Island, Antarctica. *Journal of Hydrology*, **2020**, 590, 125537	6	5
32	Methane production in the oxygenated water column of a perennially ice-covered Antarctic lake. *Limnology and Oceanography*, **2020**, 65, 143-156	4.8	6
31	Local-scale variation of soil bacterial communities in ice-free regions of maritime Antarctica. *Soil Biology and Biochemistry*, **2019**, 133, 165-173	7.5	7
30	The latitudinal gradient in rock-inhabiting bacterial community compositions in Victoria Land, Antarctica. *Science of the Total Environment*, **2019**, 657, 731-738	10.2	6
29	Niche specialization of bacteria in permanently ice-covered lakes of the McMurdo Dry Valleys, Antarctica. *Environmental Microbiology*, **2017**, 19, 2258-2271	5.2	18
28	Complete genome sequence of Pseudomonas antarctica PAMC 27494, a bacteriocin-producing psychrophile isolated from Antarctica. *Journal of Biotechnology*, **2017**, 259, 15-18	3.7	13
27	Complete Genome Sequence of a Psychrotolerant Denitrifying Bacterium, PAMC 27463. *Genome Announcements*, **2017**, 5,		4
26	Bacterial communities in Antarctic lichens. *Antarctic Science*, **2016**, 28, 455-461	1.7	15
25	Complete Genome Sequence of Psychrobacter alimentarius PAMC 27889, a Psychrophile Isolated from an Antarctic Rock Sample. *Genome Announcements*, **2016**, 4,		3
24	Influence of Soil Characteristics and Proximity to Antarctic Research Stations on Abundance of Antibiotic Resistance Genes in Soils. *Environmental Science & Technology*, **2016**, 50, 12621-12629	10.3	70
23	Complete genome sequence of Pedobacter cryoconitis PAMC 27485, a CRISPR-Cas system-containing psychrophile isolated from Antarctica. *Journal of Biotechnology*, **2016**, 226, 74-5	3.7	5
22	Complete Genome Sequence of Cryobacterium arcticum Strain PAMC 27867, Isolated from a Sedimentary Rock Sample in Northern Victoria Land, Antarctica. *Genome Announcements*, **2016**, 4,		3
21	Algal and fungal diversity in Antarctic lichens. *Journal of Eukaryotic Microbiology*, **2015**, 62, 196-205	3.6	43
20	Highly heterogeneous soil bacterial communities around Terra Nova Bay of Northern Victoria Land, Antarctica. *PLoS ONE*, **2015**, 10, e0119966	3.7	27
19	Soil development and bacterial community shifts along the chronosequence of the Midtre Lovfbreen glacier foreland in Svalbard. *Journal of Ecology and Environment*, **2015**, 38, 461-476	2	10

18	Bacterial communities of surface mixed layer in the Pacific sector of the western Arctic Ocean during sea-ice melting. *PLoS ONE*, **2014**, 9, e86887	3.7	27
17	Bacterial community structure and soil properties of a subarctic tundra soil in Council, Alaska. *FEMS Microbiology Ecology*, **2014**, 89, 465-75	4.3	74
16	Endophytic bacterial diversity of an Antarctic moss, Sanionia uncinata. *Antarctic Science*, **2013**, 25, 51-54	1.7	10
15	Effect of salinity on cyanobacterial community composition along a transect from Fuliya spring into the water of Lake Kinneret, Israel. *Fundamental and Applied Limnology*, **2013**, 182, 99-107	1.9	2
14	Introducing EzTaxon-e: a prokaryotic 16S rRNA gene sequence database with phylotypes that represent uncultured species. *International Journal of Systematic and Evolutionary Microbiology*, **2012**, 62, 716-721	2.2	4480
13	Bacterial diversity in ornithogenic soils compared to mineral soils on King George Island, Antarctica. *Journal of Microbiology*, **2012**, 50, 1081-5	3	18
12	Distribution of denitrifying bacterial communities in the stratified water column and sediment□water interface in two freshwater lakes and the Baltic Sea. *Aquatic Ecology*, **2011**, 45, 99-112	1.9	26
11	Comparative approach to capture bacterial diversity of coastal waters. *Journal of Microbiology*, **2011**, 49, 729-40	3	18
10	Use of barcoded pyrosequencing and shared OTUs to determine sources of fecal bacteria in watersheds. *Environmental Science & Technology*, **2010**, 44, 7777-82	10.3	95
9	Betaproteobacterial ammonia oxidizers in root zones of aquatic macrophytes. *Fundamental and Applied Limnology*, **2010**, 177, 241-255	1.9	2
8	Phylogenetic and functional marker genes to study ammonia-oxidizing microorganisms (AOM) in the environment. *Applied Microbiology and Biotechnology*, **2010**, 85, 425-40	5.7	118
7	Community analysis of betaproteobacterial ammonia-oxidizing bacteria using the amoCAB operon. *Applied Microbiology and Biotechnology*, **2009**, 83, 175-88	5.7	13
6	Proposal to transfer Flavobacterium oceanosedimentum Carty and Litchfield 1978 to the genus Curtobacterium as Curtobacterium oceanosedimentum comb. nov. *FEMS Microbiology Letters*, **2009** , 296, 137-41	2.9	2
5	Evaluation of PCR primer selectivity and phylogenetic specificity by using amplification of 16S rRNA genes from betaproteobacterial ammonia-oxidizing bacteria in environmental samples. *Applied and Environmental Microbiology*, **2008**, 74, 5231-6	4.8	31
4	Comparative in silico analysis of PCR primers suited for diagnostics and cloning of ammonia monooxygenase genes from ammonia-oxidizing bacteria. *FEMS Microbiology Ecology*, **2008**, 64, 141-52	4.3	29
3	Comparative analysis of ammonia monooxygenase (amoA) genes in the water column and sediment-water interface of two lakes and the Baltic Sea. *FEMS Microbiology Ecology*, **2008**, 66, 367-78	4.3	29
2	Monitoring of bacterial community in a coniferous forest soil after a wildfire. *Journal of Microbiology*, **2004**, 42, 278-84	3	4
1	Monitoring of soil bacterial community and some inoculated bacteria after prescribed fire in microcosm. *Journal of Microbiology*, **2004**, 42, 285-91	3	10