

# Ki-Tae Park

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

995  
citations

331538

21  
h-index

454834

30  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1233  
citing authors

#	ARTICLE	IF	CITATIONS
1	First-year sea ice leads to an increase in dimethyl sulfide-induced particle formation in the Antarctic Peninsula. <i>Science of the Total Environment</i> , 2022, 803, 150002.	3.9	11
2	Atmospheric composition in the European Arctic and 30 years of the Zeppelin Observatory, Ny-Ålesund. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 3321-3369.	1.9	24
3	Factors controlling atmospheric DMS and its oxidation products (MSA and Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (nss). <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 9245-9263.	1.9	6
4	Survey of Bacterial Phylogenetic Diversity During the Glacier Melting Season in an Arctic Fjord. <i>Microbial Ecology</i> , 2021, 81, 579-591.	1.4	9
5	Trace Level Determination of Saccharides in Pristine Marine Aerosols by Gas Chromatography-Tandem Mass Spectrometry. <i>Toxics</i> , 2021, 9, 86.	1.6	1
6	N <sub>2</sub> O dynamics in the western Arctic Ocean during the summer of 2017. <i>Scientific Reports</i> , 2021, 11, 12589.	1.6	6
7	Large seasonal and interannual variations of biogenic sulfur compounds in the Arctic atmosphere (Svalbard; 78.9°N, 11.9°E). <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 9761-9777.	1.9	11
8	Dimethyl Sulfide-Induced Increase in Cloud Condensation Nuclei in the Arctic Atmosphere. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2021GB006969.	1.9	20
9	Atmospheric deposition of inorganic nutrients to the Western North Pacific Ocean. <i>Science of the Total Environment</i> , 2021, 793, 148401.	3.9	14
10	Seasonality of aerosol chemical composition at King Sejong Station (Antarctic Peninsula) in 2013. <i>Atmospheric Environment</i> , 2020, 223, 117185.	1.9	10
11	Atmospheric dimethyl sulfide and its significant influence on the sea-to-air flux calculation over the Southern Ocean. <i>Progress in Oceanography</i> , 2020, 186, 102392.	1.5	15
12	Molecular-Level Chemical Characterization of Dissolved Organic Matter in the Ice Shelf Systems of King George Island, Antarctica. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	4
13	Shipborne observations reveal contrasting Arctic marine, Arctic terrestrial and Pacific marine aerosol properties. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5573-5590.	1.9	23
14	Atmospheric new particle formation characteristics in the Arctic as measured at Mount Zeppelin, Svalbard, from 2016 to 2018. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 13425-13441.	1.9	21
15	Simultaneous measurements of aerosol size distributions at three sites in the European high Arctic. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7377-7395.	1.9	26
16	Arctic Primary Aerosol Production Strongly Influenced by Riverine Organic Matter. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8621-8630.	4.6	21
17	New particle formation events observed at King Sejong Station, Antarctic Peninsula – Part 1: Physical characteristics and contribution to cloud condensation nuclei. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7583-7594.	1.9	24
18	Influence of Biogenic Organics on the Chemical Composition of Arctic Aerosols. <i>Global Biogeochemical Cycles</i> , 2019, 33, 1238-1250.	1.9	32

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19	New particle formation events observed at the King Sejong Station, Antarctic Peninsula – Part 2: Link with the oceanic biological activities. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7595-7608.	1.9	21
20	Size-Segregated Chemical Compositions of HULISs in Ambient Aerosols Collected during the Winter Season in Songdo, South Korea. <i>Atmosphere</i> , 2019, 10, 226.	1.0	11
21	Atmospheric DMS in the Arctic Ocean and Its Relation to Phytoplankton Biomass. <i>Global Biogeochemical Cycles</i> , 2018, 32, 351-359.	1.9	30
22	First Investigation of Microbial Community Composition in the Bridge (Gadeok Channel) between the Jinhae-Masan Bay and the South Sea of Korea. <i>Ocean Science Journal</i> , 2018, 53, 251-260.	0.6	6
23	Reviews and syntheses: Ocean iron fertilization experiments – past, present, and future looking to a future Korean Iron Fertilization Experiment in the Southern Ocean (KIFES) project. <i>Biogeosciences</i> , 2018, 15, 5847-5889.	1.3	60
24	Hypoxia in Korean Coastal Waters: A Case Study of the Natural Jinhae Bay and Artificial Shihwa Bay. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	36
25	Spatial and temporal variabilities of spring Asian dust events and their impacts on chlorophyll <i>a</i> concentrations in the western North Pacific Ocean. <i>Geophysical Research Letters</i> , 2017, 44, 1474-1482.	1.5	33
26	Free amino acids in the Arctic snow and ice core samples: Potential markers for paleoclimatic studies. <i>Science of the Total Environment</i> , 2017, 607-608, 454-462.	3.9	21
27	Arctic sea ice melt leads to atmospheric new particle formation. <i>Scientific Reports</i> , 2017, 7, 3318.	1.6	101
28	Seasonal variations in physical characteristics of aerosol particles at the King Sejong Station, Antarctic Peninsula. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 12985-12999.	1.9	21
29	Observational evidence for the formation of DMS-derived aerosols during Arctic phytoplankton blooms. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 9665-9675.	1.9	65
30	Effects of elevated CO <sub>2</sub> concentrations on the production and biodegradability of organic matter: An in-situ mesocosm experiment. <i>Marine Chemistry</i> , 2016, 183, 33-40.	0.9	4
31	An analytical system enabling consistent and long-term measurement of atmospheric dimethyl sulfide. <i>Atmospheric Environment</i> , 2016, 134, 217-223.	1.9	19
32	Estimating Remineralized Phosphate and Its Remineralization Rate in the Northern East China Sea During Summer 1997: A Snapshot Study Before Three-Gorges Dam Construction. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2016, 27, 955-963.	0.3	1
33	Pyrosequencing Revealed SAR116 Clade as Dominant dddP-Containing Bacteria in Oligotrophic NW Pacific Ocean. <i>PLoS ONE</i> , 2015, 10, e0116271.	1.1	35
34	Improved Method for Minimizing Sulfur Loss in Analysis of Particulate Organic Sulfur. <i>Analytical Chemistry</i> , 2014, 86, 1352-1356.	3.2	10
35	Direct Linkage between Dimethyl Sulfide Production and Microzooplankton Grazing, Resulting from Prey Composition Change under High Partial Pressure of Carbon Dioxide Conditions. <i>Environmental Science &amp; Technology</i> , 2014, 48, 4750-4756.	4.6	41
36	Feeding by the newly described mixotrophic dinoflagellate <i>Gymnodinium smaydae</i> : Feeding mechanism, prey species, and effect of prey concentration. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 459, 114-125.	0.7	38

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37	Linking atmospheric dimethyl sulfide and the Arctic Ocean spring bloom. <i>Geophysical Research Letters</i> , 2013, 40, 155-160.	1.5	41
38	Enhancement of photosynthetic carbon assimilation efficiency by phytoplankton in the future coastal ocean. <i>Biogeosciences</i> , 2013, 10, 7525-7535.	1.3	29
39	Prey-dependent retention of dimethylsulfoniopropionate (DMSP) by mixotrophic dinoflagellates. <i>Environmental Microbiology</i> , 2012, 14, 605-616.	1.8	8
40	Enhanced Production of Oceanic Dimethylsulfide Resulting from CO <sub>2</sub> -Induced Grazing Activity in a High CO <sub>2</sub> World. <i>Environmental Science &amp; Technology</i> , 2010, 44, 8140-8143.	4.6	61
41	Sulfur hexafluoride as a complementary method for measuring the extent of point-source thermal effluents. <i>Marine Pollution Bulletin</i> , 2008, 56, 1294-1302.	2.3	1
42	High-frequency, accurate measurement of dimethylsulfide in surface marine environments using a microporous membrane contactor. <i>Limnology and Oceanography: Methods</i> , 2008, 6, 548-557.	1.0	15