Sohiko Kameyama

List of Publications by Year
in descending order

19	563	759233 12	794594 19
papers	citations	h-index	g-index

20	20	20	878
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Technical Note: Determination of formaldehyde mixing ratios in air with PTR-MS: laboratory experiments and field measurements. Atmospheric Chemistry and Physics, 2008, 8, 273-284.	4.9	119
2	Evidence for the grazing hypothesis: Grazing reduces phytoplankton responses of the HNLC ecosystem to iron enrichment in the western subarctic pacific (SEEDS II). Journal of Oceanography, 2007, 63, 983-994.	1.7	80
3	High-resolution measurement of multiple volatile organic compounds dissolved in seawater using equilibrator inletâ€“proton transfer reaction-mass spectrometry (EIâ€“PTR-MS). Marine Chemistry, 2010, 122, 59-73.	2.3	68
4	Equilibrator Inlet-Proton Transfer Reaction-Mass Spectrometry (EI-PTR-MS) for Sensitive, High-Resolution Measurement of Dimethyl Sulfide Dissolved in Seawater. Analytical Chemistry, 2009, 81, 9021-9026.	6.5	52
5	Abundance and Distribution of Dimethylsulfoniopropionate Degradation Genes and the Corresponding Bacterial Community Structure at Dimethyl Sulfide Hot Spots in the Tropical and Subtropical Pacific Ocean. Applied and Environmental Microbiology, 2015, 81, 4184-4194.	3.1	40
6	High-resolution observations of dissolved isoprene in surface seawater in the Southern Ocean during austral summer 2010â€“2011. Journal of Oceanography, 2014, 70, 225-239.	1.7	35
7	Measurement of Air-Sea Exchange of Dimethyl Sulfide and Acetone by PTR-MS Coupled with Gradient Flux Technique. Environmental Science & Technology, 2014, 48, 526-533.	10.0	32
8	Origin and fate of deep-sea seeping methane bubbles at Kuroshima Knoll, Ryukyu forearc region, Japan. Geochemical Journal, 2010, 44, 461-476.	1.0	22
9	Global Atmospheric Budget of Acetone: Airâ€Sea Exchange and the Contribution to Hydroxyl Radicals. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032553.	3.3	17
10	Seaâ€toâ€air flux of dimethyl sulfide in the South and North Pacific Ocean as measured by proton transfer reactionâ€mass spectrometry coupled with the gradient flux technique. Journal of Geophysical Research D: Atmospheres, 2017, 122, 7216-7231.	3.3	16
11	Enrichment of alkanes within a phytoplankton bloom during an in situ iron enrichment experiment in the western subarctic Pacific. Marine Chemistry, 2009, 115, 92-101.	2.3	13
12	Application of PTR-MS to an incubation experiment of the marine diatom Thalassiosira pseudonana. Geochemical Journal, 2011, 45, 355-363.	1.0	13
13	Strong relationship between dimethyl sulfide and net community production in the western subarctic Pacific. Geophysical Research Letters, 2013, 40, 3986-3990.	4.0	13
14	Evaluation of using unfiltered seawater for underway measurement of dimethyl sulfide in the ocean by online mass spectrometry. Limnology and Oceanography: Methods, 2013, 11, 549-560.	2.0	11
15	Estimation of CH4 emissions from the East Siberian Arctic Shelf based on atmospheric observations aboard the R/V Mirai during fall cruises from 2012 to 2017. Polar Science, 2021, 27, 100571.	1.2	11
16	Ice Melting Can Change <scp>DMSP</scp> Production and Photosynthetic Activity of the Haptophyte Phaeocystis antarctica¹. Journal of Phycology, 2020, 56, 761-774.	2.3	9
17	In-situ measurement of trace isoprene and dimethyl sulfide in seawater and oceanic atmosphere based on room temperature adsorption-thermal desorption. Marine Chemistry, 2020, 222, 103787.	2.3	6
18	Influence of warm-core eddy on dissolved methane distributions in the southwestern Canada basin during late summer/early fall 2015. Polar Science, 2019, 22, 100481.	1.2	3

#	Article	IF	Citations
19	Tight association between microbial eukaryote and giant virus communities in the Arctic Ocean. Limnology and Oceanography, 2022, 67, 1343-1356.	3.1	3